

UNIVERSITY OF HAWAII

24 9 5 p.m.

SEP 3 1933

LIBRARY
UNIVERSITY OF HAWAII

ANNOUNCEMENT OF

THE EVENING SESSION

INCLUDING LATE AFTERNOON,
EVENING AND SATURDAY COURSES

1933 - 1934



HONOLULU, HAWAII

AUGUST, 1933

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.

F. E. Armstrong, Associate Professor of Agricultural Education.

Helen B. MacNeil, Registrar.

E. R. Washburn, Executive Officer of the Committee.

CALENDAR

1933-1934

1933

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|-----------------|---|-------------|
| September 6-7 | "Freshman Week" | Wed.-Thurs. |
| September 8-9 | Registration, Twenty-sixth Annual Session | Fri.-Sat. |
| September 11-16 | Registration, part-time students at hours announced on page 9 | Mon.-Sat. |
| September 11 | Instruction begins | Monday |
| November 11 | Armistice Day | Saturday |
| Nov. 30-Dec. 2 | Thanksgiving Recess | Thurs.-Sat. |
| December 21 | Christmas Recess begins | Thursday |

1934

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| January 4 | Work resumed | Thursday |
| January 19-25 | Mid-year examinations | Fri.-Thurs. |
| January 30 | Registration, second semester | Tuesday |
| Jan. 31-Feb. 3 | Registration, part-time students | Wed.-Sat. |
| January 31 | Instruction begins | Wednesday |
| February 22 | Washington's Birthday | Thursday |
| March 30-31 | Good Friday Recess | Fri.-Sat. |
| May 26-June 1 | Final examinations | Sat.-Fri. |
| June 5 | Twenty-third Annual Commencement | Tuesday |

INSTRUCTING STAFF

- ROMANZO ADAMS, Ph.D., *Professor of Sociology*
A.B., M.A., Univ. Michigan; Ph.D., Univ. Chicago.
- OSCAR NELSON ALLEN, Ph.D., *Assistant Professor of Plant Pathology and Bacteriology*
B.A., M.A., Univ. Texas; Ph.D., Univ. Wisconsin.
- ARTHUR L. ANDREWS, Ph.D., *Professor of English and Dean of the Faculties*
B.L., M.L., Ph.D., Cornell Univ.; L.H.D. (Honorary), Tufts.
- HELENE M. BERG, B.A., *Instructor in German Language*
B.A., Univ. of Hawaii.
- MARGARET BERGEN, *Lecturer in Sociology*
Formerly Director of Social Service Bureau, Honolulu.
- MURIEL J. BERGSTROM, M.A., *Instructor in English*
A.B., Univ. Michigan; M.A., Stanford Univ.
- EARL M. BILGER, Ph.D., *Assistant Professor of Chemistry*
B.S., M.A., Wesleyan Univ.; Ph.D., Yale Univ.; Graduate Study, Univ. Cincinnati.
- LEONORA NEUFFER BILGER, Ph.D., *Hawaii Experiment Station*
A.B., M.A., Ph.D., Cincinnati; Sarah Berliner Fellowship of A. A. U. W., Chemical Research, Cambridge, England; Research Chemist, Hawaii Experiment Station.
- SCOTT BRAINARD, *Lecturer in Insurance*
Whitman College, University of California, University of Hawaii; formerly Executive Secretary, Honolulu Y. M. C. A., Central Dept.; President, Association of Life Underwriters of Hawaii; Superintendent, Life Insurance Dept., Home Insurance Company of Hawaii, Ltd.
- ELIZABETH D. W. BROWN, Ph.D., *Instructor in Natural Science*
B.A., Maryville College; M.A., Maryville College; B.A., Univ. Michigan; M.S., Univ. Michigan; Ph.D., Univ. Michigan; Biological Laboratory, Woods Hole; Cornell Univ.; Yale Univ.
- MERTON K. CAMERON, Ph.D., *Professor of Economics*
A.B., Princeton; M.A., Ph.D., Harvard Univ.
- DENZEL CARR, Ph.M., *Instructor in Romance Languages*
Univ. of Oklahoma; Kosciusko Scholar, Ph.M., Univ. of Krakow, Poland; Finologisch Institut, Leiden, Holland.
- WALTER CARTER, Ph.D., *Entomologist, A. H. P. C. Experiment Station*
B.S., Montana, 1923; M.S., Minnesota, 1924; Ph.D., Minnesota, 1928; in charge of Sugar Beet Insect Investigations, U. S. Bureau of Entomology, 1925-1930.
- PENG-CHUN CHANG, Ph.D., *Visiting Professor of Philosophy*
B.A., Clark Univ.; M.A., Ph.D., Columbia Univ.; Professor of Philosophy and Education, Nankai Univ., Tientsin, China.

- ROYAL N. CHAPMAN, Ph.D., *Director, A. H. P. C. Experiment Station*
B.A., Minnesota, 1914; M.A., Minnesota, 1915; Ph.D., Cornell, 1917; Schuyler
Fellow in Biology and Entomology, Cornell, 1915-1916; member university staff,
Minnesota, 1916-1930; Fellow, Guggenheim Foundation, 1926-1927; Special Re-
search, Rothamstead Experiment Station and European Parasite Laboratory,
Hyerès, Var, France; Travelling Professor, International Education Board,
Rockefeller Foundation, 1927.
- T. Y. CHAR, B.A., *Instructor in Chinese Language*
B.A., Yenching Univ., Peiping, China; Graduate Study, Univ. Hawaii.
- VIOLET L. CHESTER, M.A., *Lecturer in English*
A.B., Univ. of California; Graduate Study, Univ. California; M.A., Leland
Stanford Univ.
- JULIUS L. COLLINS, Ph.D., *Geneticist, A. H. P. C. Experiment Station*
B.S., Univ. California, 1918; Ph.D., Univ. California, 1923.
- JOHN WESLEY COULTER, Ph.D., *Assistant Professor of Geography*
B.A., M.A., Univ. California; Ph.D., Univ. Chicago.
- J. J. DELPECH, C.P.A., *Lecturer in Accounting*
A.B., Stanford University, 1923; C.P.A., California State Board of Account-
ancy, 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.
- FRANK T. DILLINGHAM, M.A., *Professor of Chemistry and Sugar
Technology*
B.S., Worcester Polytechnic Institute; M.A., Yale Univ.; Fellow in Plant
Nutrition, Univ. California.
- JOHN S. DONAGHHO, M.A., *Professor of Mathematics and Astronomy*
B.A., M.A., Marietta College.
- 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; M.S., Univ. Washington; Ph.D., Univ. California.
- F. RAYMOND FOSBERG, B.A., *Assistant in Botany*
B.A., Pomona College.
- WILLIAM A. GABRIELSON, *Lecturer in Police Administration*
Univ. of California; Berkeley School of Police Administration; Chief of Police,
Honolulu Police Dept.
- MAY K. GAY, M.A., *Instructor in Physical Education*
B.A., Univ. Hawaii; M.A., Columbia Univ.
- FRANK H. GAUDIN, M.D., *Instructor in Child Hygiene*
M.D., Univ. Toronto; Hospital for Sick Children, Toronto.
- WILLIAM H. GEORGE, Ph.D., *Professor of History and Political Science
and Dean of the College of Arts and Sciences*
A.B., Harvard Univ.; M.A., Princeton; Ph.D., Harvard Univ.; Graduate
Study, Univ. Bourdeaux, France.
- GEORGE P. GORDON, M.A., *Instructor in History*
Ph.B., Muskingum College; B.A., Hanover College; M.A., Columbia Univ.
- MATTHEW M. GRAHAM, C.P.A., *Professor of Accounting*
C.A., Institute of Accountants and Actuaries, Glasgow, Scotland; C.P.A.,
Territorial Board of Accountancy.

- CHRISTOPHER J. HAMRE, Ph.D., *Assistant Professor of Zoology*
A.B., 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*
B.A., Harvard, 1915; M.A., Harvard, 1916; Ph.D., Harvard, 1920.
- CONSTANCE HARTT, Ph.D., *Assistant Professor of Botany*
A.B., Mt. Holyoke; S.M., University of Chicago; Ph.D., University of Chicago.
- LOUIS A. HENKE, M.S., *Professor of Agriculture*
B.S., M.S., Univ. Wisconsin; Graduate Study, Univ. Wisconsin.
- MARIA HORMANN, B.A., *Instructor in German Language*
Staatsexamen fur Hohere Tochterschulen, Berlin, Germany; B. S., Univ. Hawaii.
- LORNA H. JARRETT, M.A., *Assistant Professor of Geography*
Diploma, Territorial Normal and Training School; Univ. Calif.; B.S., Teachers College, Columbia Univ.; M.A., Univ. Hawaii.
- DOROTHY M. KAHANANUI, B.S., *Instructor in Music*
Diploma, Territorial Normal and Training School; Diploma, Univ. Extension Conservatory of Music, Chicago; Univ. Hawaii; B.A., B.S., New York Univ.
- HARRY A. KIRKPATRICK, Ph.D., *Assistant Professor of Physics*
B.S., Occidental College; Ph.D., California Institute of Technology.
- RALPH S. KUYKENDALL, M.A., *Assistant Professor of History*
A.B., College of Pacific; M.A., Univ. California.
- SHAO CHANG LEE, M.A., *Professor of Chinese Language and History*
Graduate Canton Christian College, China; Graduate Tsing Hua College, Peiping, China; A.B., Yale Univ.; M.A., Columbia Univ.
- ANDREW W. LIND, Ph.D., *Assistant Professor of Sociology*
A.B., M.A., Univ. Washington; Ph.D., Univ. Chicago.
- MAURICE B. LINFORD, Ph.D., *Pathologist, A. H. P. C. 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*
A.B., Pacific Univ.; A.M., Univ. Washington; Graduate Study, Stanford Univ.; Ph.D., Univ. Washington.
- PATRICK LOGAN, B.D., *Professor of Philosophy*
B.D., College of Sacred Hearts; B.D., Gregorian Univ., Rome.
- AMY MacOWAN, M.A., R.N., *Instructor in Public Health Nursing*
A.B., Beloit College; Diploma, Presbyterian Hospital School for Nurses, Chicago; M.A., Teachers College, Columbia Univ.; Educational Supervisor, Palama Settlement.
- OSCAR C. MAGISTAD, Ph.D., *Chemist, A. H. P. C. 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*
A.B., Univ. California; M.S., Columbia Univ.; Graduate Study, Yale Univ.
- HEDWIG S. OTREMBA, B.S., *Instructor in Home Economics*
B.S., Teachers College, Columbia Univ., 1928; Graduate Study, Columbia Univ.

- HAROLD S. PALMER, Ph.D., *Professor of Geology*
B.A., Ph.D., Yale Univ.; Graduate Study, Univ. Vienna.
- JOHN H. PAYNE, Ph.D., *Instructor in Chemistry*
B.S., Butler Univ., 1927; M.A., Univ. Cincinnati, 1928; Ph.D., Univ. Cincinnati, 1930; Research Fellow Univ. Munich, 1930-31.
- IRVING O. PECKER, A.B., *Professor of Romance Languages*
A.B., Boston Univ.; Alliance Francaise, Sorbonne, Paris; French Consul and Spanish Vice-Consul to the Hawaiian Islands.
- STANLEY D. PORTEUS, Ph.D., *Director, Psychological Clinic*
Ph.D., (Honorary) Univ. of Hawaii; Lecturer, Experimental Education, Univ. Melbourne; Research Scholar, Anatomy Department, Univ. Melbourne; Director, Research Laboratory, Vineland, N. J.
- DONALD WINSLOW ROWLAND, Ph.D., *Assistant Professor of History*
A.B., M.A., Ph.D., Univ. California.
- EPHRAIM V. SAYERS, Ph.D., *Professor of Education*
A.B., A.M., Indiana Univ.; Ph.D., Columbia Univ.
- LAURA V. SCHWARTZ, Ph.D., *Assistant Professor of English*
B.A., College of Pacific, 1920; M.A., Stanford Univ., 1921; Ph.D., Stanford Univ., 1924; Oxford Univ., 1932.
- CHRISTOS PLUTARCH SIDERIS, Ph.D., *Physiologist, A. H. P. C. Experiment Station*
B.C., Samos Lyceum, Greece; B.S., Ph.D., Univ. California.
- GREGG M. SINCLAIR, M.A., *Associate Professor of English*
A.B., Univ. Minnesota; M.A., Columbia Univ.
- MADORAH E. SMITH, Ph.D., *Assistant Professor of Education and Psychology*
A.B., Fargo College; Lenox College; Univ. Washington; A.M., Ph.D., State Univ., Iowa.
- HAROLD ST. JOHN, Ph.D., *Professor of Botany*
A.B., M.A., Ph.D., Harvard Univ.; Graduate Study, Sorbonne, Paris.
- JESSE A. TANNER, Ph.D., *Assistant Professor of Education*
Diploma, North Dakota State Normal School; B.A., M.A., Univ. North Dakota; Univ. Chicago; Ph.D., Univ. Washington.
- EDGAR T. THOMPSON, Ph.D., *Instructor in Sociology*
B.A., Univ. South Carolina; M.A., Univ. Missouri; Ph.D., Univ. Chicago.
- YUKUO UYEHARA, B.A., *Instructor in Japanese Language*
B.A., University of Hawaii, 1931.
- HAROLD A. WADSWORTH, B.S., *Associate Professor of Agriculture*
B.S., Univ. California, 1916; Graduate Study, Stanford Univ., 1927-28.
- RUTH D. WATERMAN, M.A., *Instructor in Physical Education*
B.S., Univ. Wisconsin, 1920; M.A., Columbia Univ., 1924.
- JOHN H. WISE, *Professor of Hawaiian Language*
Oberlin College, 1890-1893.

COURSES AND FACULTY

The instructional staff of the Evening Session is composed of regular members of the University faculty supplemented by a few other instructors who have been engaged because of their ability in special fields.

The courses are of the same standard and quality as those offered during the day session and are fully credited as residence work toward a degree. They are not classified as extension courses.

CLASSIFICATION OF STUDENTS

For the purpose of clarifying the student's own position, as well as his duties and privileges as a student in the Evening Session, the following classification is made: (1) Unclassified students; (2) Special students; (3) Auditors.

Unclassified Students: To be admitted as an Unclassified Student a person must ordinarily have met the regular entrance requirements for Freshman standing.

Persons of some maturity, ordinarily at least 21 years of age, who have had experience that manifestly prepares them for college work, may be given entrance credit for such work. Just what forms of work will be given credit and just how many credits will be granted cannot be stated in advance, but each case will be passed upon individually.

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

All Unclassified students who are avowed candidates for a degree or who feel that they may at some future date become candidates for a degree will be assigned an advisor, who will assist them in selecting their courses of study and otherwise direct them as need shall arise.

All other Unclassified students may have the assistance of an advisor if they so desire.

All Unclassified students who have already been admitted to the University shall, when they next register, indicate whether they are or at some future date expect to become candidates for a degree.

Special Students: Persons who are unable or who do not care to meet the regular University entrance requirements may be admitted as Special students, provided they appear to be qualified to carry on the course or courses desired. **Special students attend classes, do all the prescribed work in the courses for which they are registered, but do not receive University credit for work done.**

Special students who satisfactorily complete a series of related courses may be granted a certificate stating the nature and amount of the work so completed. Information relative to the related courses leading to certificates may be secured from the Executive Officer of the Evening Session Committee. Unclassified students may also make application for certificates.

Auditors: Auditors are persons who attend certain courses as listeners. They do not participate in classroom discussion, are not expected to do the work prescribed for Unclassified and Special students, and do not receive credit. Persons desiring the privilege of attending classes as Auditors make application to the Registrar at the time of registration. If the application is granted, the Auditor will 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.

Evening Registration—September 11, 12, 7:15-9:00 p. m.

ADVISORS

The following advisors 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., 1:00-4 p. m.; Sat., 10:30-12 m.

Dr. D. W. Rowland, Room 7, Library.

Mon., Tues., 7:15-9 p. m.; Wed., Fri., 1:00-4 p. m.; Sat., 10:30-12 m.

Prof. Gregg M. Sinclair, Room 19, Hawaii Hall Annex.

Mon., Wed., 1:00-4 p. m.

Dr. Charles H. Edmondson, Room 102, Dean Hall.

Mon., Wed., 1:00-4 p. m.

Dr. Merton K. Cameron, Room 206B, Hawaii Hall.

Mon., Tues., 7:15-9 p. m.; Mon.-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., 1:00-4 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, 1:00-4 p. m., and Saturday, 8-12 m., for consultations with students who may wish to see him after they have conferred with their regular advisors.

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

(Advisor for those of Secondary School group who have earned 100 or more credits). Mon.-Fri., 1:00-4 p. m.; Mon., Tues., 7:15-9 p. m.; Sat., 8-12 m.

Dr. Ephraim V. Sayers, Room 119B, Teachers College.

(Advisor for those of Elementary School group who have earned 100 or more credits). Mon.-Fri., 1:00-4 p. m.; Mon., Tues., 7:15-9 p. m.; Sat., 8-12 m.

Dr. Francis Peterson, Room 213, Teachers College.

(Advisor for all teachers-in-service who have not yet earned 100 credits). Mon.-Fri., 1:00-4 p. m.; Mon.-Tues., 7:15-9 p. m.; Sat., 8-12 m.

Graduate Division:

Dr. Harold S. Palmer, Room 4, Dean Hall.

Tues., Thurs., 1:30-4 p. m.; Mon., Tues., 7:15-9 p. m.

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

CREDITS APPLICABLE TO VARIOUS DEGREES

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.

Evening Registration—September 11, 12, 7:15-9:00 p. m.

REGISTRATION DATES

Evening Session students of all classifications will register on September 11-15 inclusive, from 1 to 4 p. m.; on September 11 and 12, from 7:15-9:00 p. m., and on Saturday, September 16, from 8 a. m. to 12 m.

Any Evening Session student enrolling in courses after 12 m., September 16, shall pay a late registration fee of \$1.00. The University will be open for late registration on Monday evening, September 18, for those students who are unable to register during the previous week.

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

Instruction begins on Monday, September 11.

FEEES

All students pay a registration fee of \$10.00 per semester. In addition, a tuition fee of \$3.00 per credit hour is charged.

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

A late registration fee of \$1.00 is required of all students who register later than the announced registration days, and a fee of \$1.00 is charged for each change of schedule made after the two-week interval following announced registration dates. This two-week interval closes on September 30.

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

If a student is obliged to withdraw from one or more courses, application for refund of fees should be made at once to the Business Office. No refund of fees will be granted after September 30.

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.

ART

252-253 Chinese Art

Chang

For information concerning this course which will be held on Tuesday and Friday evenings at the Art Academy, apply to University Registrar or Honolulu Academy of Arts. First semester, 2 credits.

BIOLOGY

*136 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. Not available to students who have taken Nature Study 160-161. First and second semesters, 2 credits each. F, 3:00-4:30 p. m.

BOTANY

156-157 Bacteria in Relation to the Individual and the Public Allen

A course stressing the importance of bacterial activities in everyday life. The history of bacteriology, the most important groups of

Evening Registration—September 11, 12, 7:15-9:00 p. m.

bacteria, and the methods of studying bacteria, are reviewed briefly. Special attention is given to the roles that bacteria play in agriculture, the dairy industry, the supervision of water supplies, sewage disposal, the canning industries, epidemics, types of diseases, and the bacteriological treatment of the most common diseases. Not open for credit to students who have taken Botany 151. Each semester, 2 credits. T, 7:30-9:10 p. m.

160 Flower and Tree Identification **Fosberg**

A popular course in the identification of the common cultivated plants, weeds, and native plants of the territory. No prerequisites. Not open to students who have taken Botany 102. Fee, \$2.00. First semester, 2 credits. W, 7:00-9:30 p. m.

210 Botanical Seminar **Botanical Staff**

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

BUSINESS

152-153 Elementary Accounting **Delpch**

A study of the fundamental principles of accounting supplemented by practice in the solution of problems. Special attention is given to the accounting problems of single proprietorship, partnerships, and corporations. Credit will not be allowed in both this course and Business 150-151. Prerequisite: unclassified or special student status or permission of the instructor. First and second semesters, 3 credits each. T, Th, 7:45-9:00 p. m.

254 Cost Accounting **Graham**

An elementary study of cost accounting. Sources of costs, cost units, cost gathering, and the use of cost data are some of the more important topics discussed. Scheduled only in the evening. Prerequisites: Business 251 or 253 and Economics 150-151 or 152 or consent of the instructor. First semester, 2 credits. W, 7:30-9:10 p. m.

288 The Elements of Insurance **Brainard**

A brief survey of principles and practices with special emphasis on life, fire and marine insurance. Topics stressed are: underlying principles of insurance, social uses, organization of insurance companies, the insurance policy or contract, rate-making, principles of selling and state supervision. Prerequisite: Economics 150-151 or 152 or consent of the instructor. First semester, 2 credits. M, 7:30-9:10 p. m.

ENGLISH

100 Composition **Bergstrom**

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

152 Oral Reading and Public Speaking**Chester**

A course designed primarily for teachers to aid them in classroom presentation. The reading of poetry, prose and drama with emphasis placed upon the use of the voice, diction and clarity of thought. Reading of original papers before an audience and practice in public speaking. First and second semesters, 2 credits each. M, 3:00-4:30 p. m. (A second section will be formed on Saturday mornings, at 8:30, if there are sufficient registrants to warrant the formation of a class.)

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, 7:30-9:10 p. m.

214 World Literature**Sinclair**

An outline course in world masterpieces in English translation. First semester: the major writings of Japan, China, India; second semester: the classics of Persia, Arabia, Greece, and Italy. Special attention to national psychology as revealed in national literature. Prerequisite: English 130 or equivalent. Library fee, \$1.00 per semester. First and second semesters, 3 credits each. T, Th, 3:30-5.

252-253 Shakespeare**Schwartz**

Rapid reading of the principal plays in chronological sequence. Lectures on the social and theatrical background of the period to aid the student in an intelligent appreciation of the plays. Prerequisite: English 130 or equivalent. First and second semesters, 3 credits each. T, Th, 3:30-5:00.

FRENCH**100 Elementary Course****Carr**

Phonetics, dictation, conversation, reading of easy prose and poetry. First and second semesters, 3 credits each. T, Th, 3:30-5:00.

201 Phonetics**Pecker**

A study of French sounds. Required of those majoring in Romance Languages. Conversation and diction. First and second semesters, 1 credit each. S, 8:30 a. m.

GEOGRAPHY***262(b) Hawaiian Geography****Jarrett**

This course is designed to interpret the economic activities of the people of Hawaii today, as explained by the natural environment. Consideration will also be given to social factors, and relationships between Hawaii and other Pacific countries. Available source material for both adults and children will be examined. First or second semesters, 2 credits. T, 3:00-4:30 p. m.

GERMAN**100 (d) Elementary German****Hormann and Berg**

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. T, Th, 7:30-8:45 p. m.

101 Intermediate German**Berg**

Continuation of German grammar according to methods used in first year, with especial stress on sentence construction. A vocabulary for conversation is built up by discussing pictures. Reading: Practice of sight-reading in class. Each student must read one German book at home every six weeks and hand in a written English report. First and second semesters, 3 credits each. M, F, 3:30-5:00 p. m.

201 Advanced German**Hormann**

In this course contemporary German literature is read. Composition is similar to that in German 200. The course is conducted entirely in German. First and second semesters, 3 credits each. T, Th, 3:30-5:00 p. m.

202 Advanced Scientific German**Hormann**

An advanced course in German scientific reading with special stress on sentence construction characteristic of scientific writing. Sight-translation of scientific material is practiced in class. The home work is the same as that of the second semester of 102. This course prepares well 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, 5:00-6:00 p. m.

HISTORY**244 Diplomatic History of the United States****Rowland**

A survey of the foreign relations of the United States from 1778 to the present. Prerequisite: History 140 or permission of instructor. First and second semesters, 2 credits each. W, 7:30-9:10 p. m.

HOME ECONOMICS**H.E. 253 Child Care and Home Nursing****Gaudin and MacOwan**

A course dealing with reproduction, needs of the expectant mother, child birth, care of the infant and pre-school child, normal growth of children, and minor ailments, accidents, and common diseases of children. Twelve periods will be given to the discussion and practice of home nursing. First semester, 2 credits. T, Th, 3:30 p. m.

HOUSEHOLD ART**H.A. 113 Clothing Construction****Otremba**

This course deals with the fundamental problems of simple dress-making, including the use of foundation and commercial patterns. Emphasis is placed upon clothing selection, design, and construction. Offered in the late afternoon primarily for teachers in service. Laboratory fee, \$3.50. First semester, 2 credits. M, W, 3:00-5:00 p. m.

MATHEMATICS**260 Teaching of Elementary Mathematics****Donaghho**

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 p. m.

MUSIC

***147 Survey of Musical Literature** **Kahananui**

The course is intended to provide the student with an opportunity to become acquainted with some of the masterpieces of music and to understand their messages and characteristics. First and second semesters, 1 credit each. T, 3:00-4:30 p. m.

***262 Music History of the Nineteenth Century** **Kahananui**

The study of the history of this period will involve listening to much music. Comparison will be made between the development of the art and literature of this period and the development of music. First semester, 2 credits. F, 3:00-4:30 p. m.

***264 Music for the Intermediate and Upper Elementary Years** **Kahananui**

A study of music education in the elementary school with emphasis on intermediate and upper elementary materials. The development of musical power and skill in reading will be studied; also the integration of music with other subjects in the curriculum with a view to developing an understanding of music as education. Study of the child voice and its care, especially the changing voice, will be made. Registration limited to teachers in service. First semester, 2 credits. Th, 3:00-4:30 p. m.

ORIENTAL STUDIES

100B Beginners' Course in Chinese for Occidental Students **Char**

Study of 250 foundation characters each semester. Reading and construction of characters and sentences, dictation, simple conversation and translation. Text: "Everyday Chinese," compiled by Prof. Lee. Lessons 1-50. First and second semesters, 3 credits each. M, W, 7:30-8:45 p. m.

101B Intermediate Course in Chinese 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. Text: Lee's "Everyday Chinese," Lessons 51-100. 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, 3:30-5:00 p. m.

291 Chinese Civilization **Lee**

A general survey of the origin and development of the institutions of China. Illustrated lectures, assigned readings, and discussions. Library fee, \$1.00. First semester, 2 credits. M, 3:30-5:00 p. m.

102B First Year Colloquial Japanese For Occidental Students **Uyehara**

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

103B Second Year Colloquial Japanese For Occidental Students

Uyehara

Continuation of the first year. Reading, translation, and writing in Katakana, Hiragana, and simple Chinese characters. Study of Japanese language readers and magazines. First and second semesters, 3 credits each. T, Th, 7:30-8:45 p. m.

PHYSICAL AND HEALTH EDUCATION

***250 Physical Education in the Elementary School** **Waterman**

A course that will combine study and practice of the underlying principles, the most suitable materials, and the most effective organization in the physical education program of the elementary school grades. First semester, 2 credits. M, 3:00-5:00 p. m.

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, 3:00-5:00 p. m.

POLITICAL SCIENCE

258 Conduct of American Foreign Relations **Rowland**

A study of the machinery and methods of the State Department and the diplomatic and consular service of the United States. Prerequisite: Political Science 150-151, or consent of instructor. First semester, 2 credits. Th, 3:30-5:00 p. m.

POLICE ADMINISTRATION

250 (b) Organization **Gabrielson**

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.

PHYSICS

155 Electrical Measurements **Eller**

A non-mathematical treatment of the fundamental principles of operation of electrical measuring instruments and electrical machines. Lectures, demonstrations and discussions. First semester, 2 credits. 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, 3 credits. T, 3:30-5:00 p. m.

RELIGION

256 Nature Worship in Hawaii **Handy**

Religious experience, mythology, deities and ritual in relation to life and culture in Hawaii and Polynesia. Comparisons with other advanced historic nature cults. First semester, 2 credits. W, 3:30-5:00 p. m.

INSERT THE FOLLOWING IN YOUR EVENING SESSION ANNOUNCEMENT

Portuguese 100. Elementary Portuguese

Aguiar

Grammar, reading, conversation and dictation. First and second semesters, 3 credits each. Mon. and Wed. evenings, 7:30 to 8:45.

Spanish 100. Elementary Spanish

Aguiar

Grammar, conversation and dictation. Both Castilian and Latin-American pronunciation taught. First and second semesters, 3 credits each. Tues. and Thurs. evenings, 7:30 - 8:45.

Mr. J. Earl Aguiar is a graduate of the University of California with the B. A. and M. A. degrees. The above courses have been approved by Prof. Irving O. Pecker and the Evening Session Committee.

The course in Spanish will be rated on a par with other languages which are accepted in fulfillment of the foreign language requirement. Because of the uncertainty of a second year of Portuguese, no definite announcement of this can be made at this time.

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SOCIAL SCIENCE

*250 Social Science in the Elementary School

Gordon

This course aims to give an insight into the nature and meaning of the social studies. Emphasis will be placed upon types and sources of materials suitable for use in the elementary school. First semester, 2 credits. Th, 3:00-4:30 p. m.

*271 History Materials for Children

Gordon

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 a. m.

SOCIOLOGY

279 Community Organization

Lind

The local community conceived as a constellation of groups and institutions. The processes affecting their growth, distribution, and movement. The role of various institutions, e.g., the family, church, school, and other social agencies. Patterns of personal and social organization and disorganization. Field trips to institutions, agencies, and districts of Honolulu and neighboring communities. Lectures. Special reports. Prerequisite: Sociology 150-151 or permission of the instructor. First semester, 3 credits. Library fee, \$1.00. T, Th, 3:30-5:00 p. m.

298 Social Problems in Honolulu

Bergen

An analysis of specific social problems and their treatment. Each student will be given the opportunity to study intensively a problem of his own selection. Registration only by permission of instructor. First and second semesters, 3 credits each. M, W, 3:30-5:00 p. m.

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 p. m.

GRADUATE COURSES

Information concerning graduate work at the University of Hawaii should be obtained from Dr. Harold S. Palmer, chairman of the Committee on Graduate Study.

AGRICULTURE

300 Research Work

Henke and Agricultural Staff

Situated in a climate where out-of-door experimental work can be carried on the year round, Hawaii affords ideal opportunities for re-

search in tropical agriculture. First and second semesters. Credit by arrangement.

BOTANY

300 Botanical Research St. John, Allen, or Hartt

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

A thorough discussion of the latest advances in general and in plant physiology. The topics will include: physiochemical properties of protoplasm, water relations of plants, mineral nutrition, metabolism and photosynthesis. Prerequisites: Botany 256 and Chemistry 211. One and one-half hour discussion a week. First and second semesters, 1 credit each. S, 10:30-12:00.

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. The general subject proposed for 1933-34 is "Influence of Environment and Nutrition Upon the Development of Plant Disease." First semester, 1 credit. T, 4 p. m.

304 Research in Plant Pathology Linford

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

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.

318 Chemistry Research Dillingham, E. M. and L. N. Bilger, Payne

The conducting of a research problem and preparation of a related thesis in pure or applied chemistry. Elective course primarily for Senior and Graduate students. Hours, credits and fees to be arranged. Fees and breakage deposits not less than \$5.00 each per semester. Prerequisites: Chemistry 101 or 102, 150, 152, 153, 161, 230 or their

equivalents. Prerequisite or parallel: Chemistry 211, 212, 216, or 217. Hours to be arranged.

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. Hours to be arranged.

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 semesters, 3 credits each. T, 3:30-5:00; Th, 3:30-4:30 p. m.

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. S, 10:30-12:30.

350 History of Education Tanner

A survey of the development of educational thought and practice, from the time of the Greeks down to the present, with special attention to the origins of the influences responsible for the modern school systems. Registration only by permission of instructor. First or second semester, 3 credits each. W, 3:30-5:00; F, 3:30-4:30 p. m.

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 each. M, 3:30-5:00 p. m.

361 (See Psychology 361)

371 Experimental Child Study Smith

The course offers to qualified students an opportunity to do experimentation in the field of child psychology. Credit: 2 to 3 hours, according to amount of work done. First semester. T, 3:00-4:30 p. m.

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, 10:30-12:30.

395 Seminar for Probationary Teachers Livesay and 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. S, 8:30-10:00 a. m.

ENGLISH

300 English Seminar

Andrews

Designed primarily for Graduates, though properly qualified Seniors may be admitted. The intensive study of movements, periods or authors, either British or American. Weekly meetings for reports and discussion. First and second semesters, 2 credits each. Hours to be arranged.

ENTOMOLOGY

302 Research in Entomology

Chapman, Carter

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

350 Insect Ecology

Chapman

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

355 A Review of the Role of Insects in the Transmission of Plant Diseases

Carter

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

GENETICS

300 Seminar in Genetics

Collins

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

302 Research in Genetics

Collins

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

GEOGRAPHY

300 Geography Seminar

Palmer, Coulter, Jarrett

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

GEOLOGY

300 Geology Seminar

Palmer

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

HAWAIIAN

300 Hawaiian Literature and Arts Wise

Study of Hawaiian mele, ancient traditions, customs, and the arts and crafts of old Hawaii. Composition of mele and songs. Transposition of Hawaiian prose to mele. First and second semesters, 2 credits each. T, S, 8:30 a. m.

HISTORY

310 Introductory Seminar in American History Rowland

Introduction to historical method, including evaluation of sources, bibliography, note taking, etc. Training in the organization and presentation of historical dissertations. Open only by permission of the instructor to qualified seniors, special students, and graduate students. Required of all candidates for the master's degree in history. The work of the second semester is optional. First and second semesters, 2 credits each. Hours to be arranged.

327 Seminar in Hawaiian History Kuykendall

A seminar course open only by permission of the instructor to graduate students and special students. Each member of the class will be assigned a subject for investigation throughout the year and will be required to present a paper embodying the results of the investigation. The course must be taken for both semesters. First and second semesters, 2 credits each. Hours to be arranged.

HOUSEHOLD SCIENCE

249-349 Research Miller

Problems according to preparation. Investigation of nutritional problems; animal and human feeding experiments. For seniors and graduates. Fee, \$5.00 per semester. Hours and credits to be arranged.

350-351 Seminar in Nutrition Miller

The course includes a review of current literature of interest to students of nutrition. The major part of the work is the preparation of reports and reviews of articles on assigned topics, followed by group discussion. Prerequisite: Qualified preparation in nutrition and physiological chemistry. The permission of the instructor is required for admission to the course. One meeting of 1½ hours each week. First and second semesters, 1 credit each. M, 3:30-5:00 p. m.

ORIENTAL STUDIES

300 Seminar in Chinese Historical Literature Lee

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

PHYSICS

361 Physical Research Kirkpatrick, Eller

Students possessing requisite qualifications will be permitted to pursue original investigations, under the supervision of the department. Either semester, hours and credits by arrangement.

POLITICAL SCIENCE

300 Seminar in Political Science George

Open only to Graduate and Special students and upper classmen who

have completed at least 15 hours of Political Science. First and second semesters, 2 credits each. S, 9:30 a. m.

PSYCHOLOGY

300 Reading or Research Staff

An opportunity is offered for qualified graduate students to work on research problems or do intensive reading in some field of Psychology. Registration allowed only after consultation with the staff member concerned. Either semester, 1 to 3 credits, depending upon the value of the work. Hours to be arranged.

351 (See Education 351)

361 Mental Deficiency and Abnormality Smith

A consideration of the causes and principal types of deficiency and abnormality with suggestions for appropriate educational treatment. This course is designed to aid teachers and administrators in recognizing subnormal and neurotic children, and in making the proper educational adjustments. First semester, 3 credits. M, 3:00-4:30 p. m.; W, 3:00-4:00 p. m.

371 (See Education 371)

SOCIOLOGY

350-351 Some Aspects of Race Contacts in Hawaii Adams, Lind, Thompson

A seminar course for students engaged in research. Lectures treating of concepts useful in research and presenting the results of research in Hawaii. Each member of the class presents a research project, secures the data relative to his problem, organizes such data and presents the results to the class for criticism and discussion. Admission to not more than eight seniors and graduates by special permission. First and second semesters, 2 credits each. T, 7:30-9:30 p. m.

SOIL SCIENCE

300 Nutrient Availability in Soils Magistad

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

302 Research in Soil Bacteriology, Soil Chemistry or Soil Physics Allen, Magistad, Wadsworth

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

350 The Nitrogen Cycle Allen and Magistad

The course will be conducted as a seminar, and will include a detailed, critical, and comprehensive study of the various transformations of nitrogenous material in nature from microbiological and chemical standpoints. Practical aspects of these phases are to be stressed especially. Special attention will be paid to the current literature. First semester, 1 credit. W, 4:15 p. m.

ZOOLOGY

300 Research Staff

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