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UNIVERSITY OF HAWAII

1939
SUMMER SESSIONS
June 26 to August 4
and
August 5 to 25
Summer Sessions — 1939

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Calendar
1939

Six-Weeks Session

Registration
Monday, June 26
Instruction Begins
Tuesday, June 27
Independence Day (holiday)
Tuesday, July 4
Instruction Ends
Friday, August 4

Post Session

Registration
Saturday, August 5
Instruction Begins
Monday, August 7
Instruction Ends
Friday, August 25

University Administrative Officers

President, DAVID L. CRAWFORD, LL.D.
Vice-President and Dean of the College of Applied Science, ARTHUR R. KELLER, C.E., M.S.
Director of the Summer Sessions, THAYNE M. LIVESAY, Ph.D.
Acting Director 1939 Summer Sessions, BENJAMIN O. WIST, Ph.D.
Dean of the College of Arts and Sciences, WILLIAM H. GEORGE, Ph.D.
Dean of Teachers College, BENJAMIN O. WIST, Ph.D.
Dean of Student Personnel, ERNEST C. WEBSTER, C.E.
Assistant Dean of Student Personnel, CENIE S. HORNUNG, B.A.
Director of Graduate Division, PAUL S. BACHMAN, Ph.D.
Dean of the Graduate School of Tropical Agriculture, ROYAL N. CHAPMAN, Ph.D.
Director of Oriental Institute, GREGG M. SINCLAIR, M.A.
Director of Adult Education Division, R. RAY SCOTT, Ph.D.
Director of Agricultural Extension Service, HOWRY H. WARNER, B.S.
Director of Hawaii Agricultural Experiment Station, JOHN H. BEAUMONT, Ph.D.
Director of Admissions, THAYNE M. LIVESAY, Ph.D.
Treasurer, GERALD R. KINNEAR, M.B.A.
Registrar, HELEN B. MACNEIL, M.A.
Librarian, MARY P. PRINGLE
VISITING INSTRUCTORS

KATHARINE R. ADAMS, Ph.D., Professor of History, American University, Washington, D. C.
CLARENCE S. ANDERSON, Ph.D., Professor of Agricultural Education, Pennsylvania State College.
HERBERT BLUMBER, Ph.D., Associate Professor of Sociology, University of Chicago.
LEWIS BROWNE, B.A., Author and Lecturer.
RILEY J. CLINTON, Ph.D., Professor of Education, Oregon State College.
GEORGE P. CONGER, Ph.D., Professor of Philosophy, University of Minnesota.
AVARD FAIRBANKS, Ph.D., Associate Professor of Sculpture, University of Michigan.
ETHEL M. HIScox, M.A., Director of Music, Isaac Young High School, New Rochelle, N. Y.
WILLIAM E. HOCKING, Ph.D., Professor of Philosophy, Harvard University.
DOROTHY HUTCHINSON, B.A., Diploma N. Y. S. S. W., Instructor, New York School of Social Work.
ALFRED L. LOMAX, M.A., Professor of Business Administration, University of Oregon.
CHARLES E. MARTIN, Ph.D., Professor of Political Science, University of Washington.
HENRY NEUMANN, Ph.D., Leader, Brooklyn Society for Ethical Culture.
FILMER S. C. NORTHROP, Ph.D., Professor of Philosophy, Yale University.
NILA B. SMITH, Ph.D., Associate Professor of Education, Indiana University.
JUNJIRO TAKAKUSU, D.Litt., Emeritus Professor of Imperial University, Tokyo.
JOHN W. TILTON, Ph.D., Associate Professor of Educational Psychology, Yale University.
HELEN C. TWITCHELL, B.A., Teacher, Punahou School, Honolulu.
ELIZABETH T. WATSON, Instructor in Art, Honolulu Academy of Arts.
LORLE S. WEEBER, Ph.D., Acting Professor of Psychology, University of Hawaii.

RESIDENT INSTRUCTORS

PAUL S. BACHMAN, Ph.D., Professor of Political Science.
ROBERT W. BAXTER, B.A., Assistant in Botany.
N. B. BECK, Ph.D., Professor of English.
LAVERNE M. BENNETT, M.A., Instructor in Health and Physical Education.
MURIEL J. BERGSTROM, M.A., Instructor in English.
GORDON J. BOWLES, Ph.D., Assistant Professor of Anthropology.
WILLIAM T. BRYAN, Ph.D., Assistant Professor of Education.
MERTON K. CAMERON, Ph.D., Professor of Economics.
IDA J. CARO, M.A., Assistant Professor of Education and Principal of Training School.

WING-TSIT CHAN, Ph.D., Professor of Chinese Philosophy.

YUEN REN CHAO, Ph.D., Professor of Chinese Language and Culture.

KENNETH K. S. CH'EN, M.A., Instructor in Chinese Language.

SHOU YI CH'EN, Ph.D., Professor of Chinese History.

ADNA G. CLARKE, LL.B., Colonel, U.S.A. (Retired), Professor of Police Administration.

WILLIS B. COALE, Ph.D., Associate Professor of English.

ANNA DAHL, Assistant Professor of Textiles and Design.

J. LESLIE DUNSTAN, Ph.D., Professor of Religion and Director of the Hawaii School of Religion.

JOHN F. EMBREE, Ph.D., Research Associate in Anthropology.

CHARLES J. ENGARD, Ph.D., Instructor in Botany.

THEODORA FLOYD, M.A., R.N., Director of Public Health Nursing.

CYNTHIA B. GEISER, M.A., Instructor in Library Science.

WILLIAM H. GEORGE, Ph.D., Professor of History and Political Science.

FLORENCE HENDERSON, Ph.D., Assistant Professor of English.

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

ELVIN A. HOY, B.S., Assistant Professor of Mathematics and Engineering.


WALTER S. KNOX, Ph.D., Professor of Physical Education.

KLAUS MEHNERT, Ph.D., Assistant Professor of History.

BEN NORRIS, B.A., Instructor in Art.

HAROLD S. PALMER, Ph.D., Professor of Geology.

GEORGE J. PEAVEY, M.A., Instructor in English.

E. VERN SAYERS, Ph.D., Professor of Education.

LAURA V. SCHWARTZ, Ph.D., Associate Professor of English.

R. RAY SCOTT, Ph.D., Associate Professor of Education.

GREGG M. SINCLAIR, M.A., Professor of English.

JESSE A. TANNER, Ph.D., Associate Professor of Education.

SPENCER W. TINKER, M.S., Instructor in Education.

GLADYS M. TRAUT, M.A., Instructor in Education.

R. J. WENTWORTH-ROHR, B.A., Assistant in Education.

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

ARTHUR E. WYMAN, B.S., Associate Professor of Dramatic Art.
The University of Hawaii

Organization and Support

The University of Hawaii, established by act of the Territorial Legislature in 1907, bears the same relation to the Territory as do the state universities to their respective states and draws most of its financial support from the Territory. It also is in part a federal land-grant college. Although it 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 does benefit by the Second Morrill Act of 1890. It is open to all who are qualified, regardless of sex, color, or nationality.

The University has grown rapidly in number of students and plant investment and in its sphere of service and public esteem. Instructional work began in 1908, with five students and two instructors, in a temporary location on the grounds of McKinley High School. After a few years the institution was moved to its present site in Manoa Valley. In 1920 a College of Arts was added, and the name was changed from the College of Hawaii to the University of Hawaii. In 1931 the Legislature united the former Territorial Normal School with the University School of Education to form the present Teachers College of the University.

Fully Accredited

The University of Hawaii is fully accredited by the Association of American Universities. Students may transfer to other American and European universities on the same basis as may students of the foremost American universities. Students may also transfer to the leading Oriental universities.

The Summer Sessions

The work offered in the Summer Sessions is intended to meet the needs of several groups of students—undergraduates who wish to take extra work or work not offered in the winter and spring sessions; graduate students who are candidates for advanced degrees; teachers or school administrators who need advanced training or who are candidates for degrees; and others who wish to take advantage of the special courses.

The location of the University of Hawaii in Honolulu offers a unique opportunity to combine study and recreation. As compared with that of most places on the mainland, the summer climate is very favorable for study; the thermometer seldom registers high temperatures, and the nights are cool and agreeable. Hawaii is justly famous for its swimming, and the situation of the University makes it possible to reach the beach at Waikiki easily by direct bus or automobile. On the University campus are a swimming pool and tennis courts.
Social features, under the direction of the Student Personnel Office, are arranged for the benefit of summer students. World-famous spots near Honolulu are easily reached for week-end excursions and picnics. Of special interest each summer is a series of evening lectures by distinguished members of the faculty.

School of Pacific and Oriental Affairs

The School of Pacific and Oriental Affairs, established in 1932 as a functional organization within the six-weeks session, has emphasized study of the cultural and institutional organization and relations of the Pacific area nations, territories, and dependencies. During past sessions outstanding lecturers have been assembled and extensive programs of courses offered, but in 1939 relatively less emphasis will be placed upon this division and the courses will be merged with the rest of the curriculum.

Hawaii School of Religion

Adjacent to the University of Hawaii and affiliated with it is the Hawaii School of Religion, which will offer two courses in the 1939 six-weeks session. These courses receive full university credit on the same basis as other work of the session.

Expenses

FEES—A tuition fee of $5 per credit hour is charged each student registering in the Summer Sessions, whether for credit or as an auditor. It is payable in full at the time of registration. A late registration fee of $1 will be charged after 4 p. m. Monday, June 26, and after 12 m. Saturday, August 5. To be official, all withdrawals or changes in registration must be made on the prescribed form issued by the Registrar.

REFUNDS—Students in good standing who voluntarily withdraw from the Summer Sessions may obtain refund of fees according to the following schedule: for the six-weeks session, full refund until 12 m. July 1; 80 per cent thereafter until 4 p. m. July 5; and 60 per cent thereafter until 12 m. July 8; for the post session, full refund until 4 p. m. August 9. After these dates no refunds will be made. Students seeking refunds will be required to present at the Business Office official withdrawal blanks signed by the Director of the Summer Sessions and countersigned by the Registrar.

LIVING ACCOMMODATIONS—Rooms are available in the Women's dormitory at $25 for the six-weeks session. Residents will furnish their own sheets, blankets, pillow cases, towels, and curtains. The Charles Atherton House, just off the campus, offers accommodations to both men and women at $50 for single rooms and $40 per person for double rooms for the six-weeks session. The University maintains a cafeteria for the benefit of summer students.

Applications for rooms should be addressed to Miss Cenie S. Hornung, Assistant Dean of Student Personnel. A $10 deposit is required
for a reservation at either dormitory. Reservations should be made as early as possible.

Several residence hotels easily accessible to the University offer board and room at a minimum rate of $60 per month. Cottages at Waikiki beach and rooms in private homes near the University are also available for summer students.

Registration*

Registration for the six-weeks session will take place on Monday, June 26, between the hours of 8 a. m. and 4 p. m.; for the post session, on Saturday, August 5, from 8 a. m. to 12 m. Registration offices are in Hawaii Hall.

Credits

Students receiving university credit will be required to meet all entrance requirements, do the full amount of work in each course, and pass all examinations in a satisfactory manner. Six credit hours of work is the maximum registration for the six-weeks session and three credit hours for the post session.

Auditors

Any mature individual, with the approval of the Director and the instructor concerned, upon payment of the regular fees, may enroll as an auditor. However, in no case will such persons be allowed to take the final examination in any course or receive credit therefor.

Admission Requirements

Students registering for university credit in the Summer Sessions must meet the same entrance standards as are required for the winter and spring sessions.

Graduate Students

Graduates of institutions other than the University of Hawaii will be required to submit evidence of the satisfactory completion of the usual four-year course. Such evidence will usually take the form of a transcript of record as issued by the Registrar, showing the courses pursued, the character of the work done, and a statement showing that a degree has been granted. For the purposes of the Summer Sessions, a diploma from a recognized institution will admit a student to graduate standing.

Undergraduate Students with Advanced Standing

As in the case of graduate students, undergraduates who have done work in institutions other than the University of Hawaii must present a transcript of record showing the courses pursued, the character of the work done, and a statement of honorable dismissal.

*All graduate students who expect to matriculate for an advanced degree at the University of Hawaii should see Dr. P. S. Bachman, Director of the Graduate Division, Room 118, Hawaii Hall, during the first week of the session.
**Undergraduates Entering a University for the First Time**

High school graduates matriculating for the first time must meet the usual university requirements governing the admission of freshmen. This involves:

1. A satisfactory performance in the psychological examination given to all first-year students.

2. The presentation of a secondary school record showing that the candidate has completed 15 units of work in approved subjects in a four-year high school or 12 units of such work in a three-year senior high school.

3. A recommendation from the principal, or some other responsible official of the secondary school, upon the official form supplied by the University.

**Unclassified Students**

Mature persons who are unable to meet the foregoing requirements but who are capable of carrying the work will be allowed to register as unclassified students.

**Degrees**

The University of Hawaii grants three types of Baccalaureate degrees—the Bachelor of Science (B.S.) from the College of Applied Science, the Bachelor of Arts (B.A.) from the College of Arts and Sciences, and the Bachelor of Education (Ed.B.) from Teachers College.

Upon the satisfactory completion of the prescribed work in the respective fields, the advanced degrees of Master of Arts (M.A.), Master of Education (Ed.M.), Master of Science (M.S.), Civil Engineer (C.E.), Sugar Technologist (S.T.), and Doctor of Philosophy (Ph.D.) are awarded. At present the Ph.D. degree is restricted to the Graduate School of Tropical Agriculture.

Those who expect to become candidates for advanced degrees should consult the University catalogue and the announcement of the Graduate Division for complete information.
The Six-Weeks Session
June 26 to August 4

Courses of Instruction

Courses numbered 100 to 199 are lower division courses. Those numbered 200 to 299 are upper division but open to graduate students. Courses numbered 300 and over are graduate courses.

Unless otherwise announced, each course meets for one hour five times per week and carries two credits. Courses in which registrations are insufficient may be withdrawn and others added.

ANTHROPOLOGY

S170 THE EMERGENCE OF MAN Bowles
Introduction to the fields of physical anthropology and prehistoric archaeology: man's origin and place in nature; ancient kinds of man; the development of racial differences; early vistas in man's cultural history. This course, plus Anthropology S171 and Sociology S170, will be accepted as equivalent to the six-credit course given in the winter and spring sessions as Anthropology-Sociology 150-151. Daily at 10.

S171 MAN AND CULTURE Embree
Introduction to the field of cultural or social anthropology: a comparative study of human customs and ideas, with special reference to those of the so-called primitive peoples; factors underlying the growth of culture. (See Anthropology S170.) Daily at 11.

S254PEOPLES OF ASIA Bowles
The contribution of anthropology toward an understanding of the racial and cultural backgrounds of China, Japan, India, and Central Asia. Daily at 11.

S265 PRIMITIVE SOCIETY Embree
Social organization among the so-called primitive peoples: the community, sex, marriage, the family, child-rearing, leadership. Illustrative material drawn primarily from the Pacific peoples, and comparisons made with our modern society. Daily at 10.

ART

S150 ART STRUCTURE Norris
A study of the elements and principles underlying all art. Discussions and exercises in the use of line, mass, and color as applied to the entire range of design, i.e., decoration, advertising, dress design, easel painting, etc. This is a fundamental course, and in connection with Art 154-155 is intended to give a working background for all advanced courses, as well as offering a basis for appreciation on the part of the layman. Daily 8-10.
S158 ELEMENTARY SCULPTURE Fairbanks
Practical work in clay modeling, together with general discussion of sculpture, its theory and technique. Study from life and problems in composition. Adapted to beginners. Daily 10-12.

S168 ELEMENTARY AND ADVANCED DRAWING AND PAINTING Fairbanks
Work adopted to individual requirements. Both elementary and advanced work includes study from life and from still life and allied subject matter. Prerequisites: Art 150-151 and 154-155, or permission of instructor. Daily at 1.

S230 PRACTICAL ART IN THE CLASSROOM Watson

S284 WATERCOLOR Norris
The technique of watercolor painting—applied primarily to landscape, but with some attention given to other subject matter. Studio and outdoor painting. Prerequisites: Art 150-151, 154-155, or permission of instructor. Daily at 1.

BOTANY

S155 NUTRITION OF PLANTS Engard
The nature of the seed, its origin, structure, and composition; nutrition of the embryo plant during germination of the seed; intake of raw materials and manufacture of food by the adult plant. No prerequisites. Not open for credit to students who have had Botany 106. Daily at 8.

S160 FLOWER AND TREE IDENTIFICATION Baxter
A popular course in the identification of the common cultivated plants, weeds, and native plants of the Territory. Not open for credit to students who have had Botany 102. Laboratory fee $2. Two sections: (a) M. W. 8-10; (b) T. Th. 10-12.

ECONOMICS

S150 THE PRINCIPLES OF ECONOMICS Cameron
A brief survey of the nature and scope of economics and the fundamental characteristics of modern economic society, followed by an analysis of consumption and the institutions of production—land, labor, capital, and business organization—with particular emphasis on the principles underlying their functioning. This course and Economics S151, offered in alternate years, duplicate and satisfy all university requirements met by Economics 150-151 of the winter and spring sessions. Credit is not allowed in both this course and Economics 150. Prerequisite: Sophomore standing. Daily at 9.

S278 INDUSTRIAL CONCENTRATION Cameron
A detailed study of the causes, extent, and effects of the tendency toward large-scale production, followed by a critical analysis of the problem of concentration of ownership and control of modern industry. Daily at 11.

EDUCATION

S202 PLANNING FOR INSTRUCTION Caro
Concepts fundamental to effective planning. Selection and evaluation of procedures which render more effective the teaching-learning guidance employed in the direction of worth-while pupil experience. Daily at 9.
S208  PSYCHOLOGY OF THE KINDERGARTEN-PRIMARY CHILD—(See p. 18)

S233  REMEDIAL READING  Smith
Techniques to use in diagnosing and treating reading difficulties. Class periods devoted largely to lectures; outside work consists of diagnosing and teaching children who are slow readers. Each member of the class works with a child under the supervision of the instructor. Daily at 9.

S234  METHODS IN PRIMARY READING  Smith
A practical methods course dealing with recent techniques in teaching children in the first grade: experience charts, silent and oral reading, phonics and word recognition, reading as an outgrowth of units of work, developing good eye movements, developing an appreciation of good literature, familiarizing teachers with the preparation and use of informal tests, and the use of standardized tests. Daily at 11.

S237  DIRECTED LEARNING  Bryan
Examination of the literature in directing study and learning. The philosophical and scientific bases upon which issues in the field of methodology are predicated. Formulation of units of work and discussion of various methods for stimulating and guiding pupils at work. Daily at 8.

S238  MORAL EDUCATION  Neumann
Moral problems of young people from childhood through adolescence in home, school, and community. What the school can offer in its daily life, in group activities, in individual case-study, in the given subjects, in the methods of study, and in moral instruction. Daily at 9.

S249  SOCIAL AND CIVIC FOUNDATIONS OF EDUCATION  Neumann
Education as a means of social change. What social heritages are to be conserved and enriched? How can the resources of democracy be used to better the quality of American life? Problems in education of sub-normal, average, and superior citizens. Daily at 11.

S251  SECONDARY EDUCATION  Scott
Principles fundamental to the organization, administration, curricula, and subject matter of the secondary school. The nature of the adolescent; the objectives of secondary education; junior and senior high school organization and relations; planning units of work; teaching techniques; and values of the various secondary school subjects. Daily at 10.

S260  STATISTICAL METHOD  Hoy
Covers in a practical way the statistical and graphic methods of value to the classroom teacher and school administrator. Tabulation, graphical representation, the calculation of measures of central tendency and dispersion, and the calculation and interpretation of linear correlation. Daily at 11.

S261  EDUCATIONAL MEASUREMENTS  Clinton
A study of the common errors in teachers' marks and ways of improving such marks; the use of standard educational and mental tests in school work, with practice in scoring such tests and in interpreting the results; and the criteria by which to judge tests. Daily at 9.

S268  MENTAL HYGIENE—(See p. 18)

S295  HISTORY OF EDUCATION IN THE UNITED STATES  Tanner
A study of the evolution of American educational institutions from the colonial period to the present, with attention to the political, social, religious, and economic factors as they have influenced educational development. Daily at 8.
S340 PHILOSOPHY OF EDUCATION
Sayers
A re-examination of certain basic philosophical questions, the answers to which constitute the viewpoints that guide in the solution of problems of policy. Philosophy and science in education, the democratic social tradition, basic views of human behavior, the improvement of life, education as "reconstruction of experience," and reconstruction of education. Daily at 8.

S350 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. Daily at 10.

S351 ADVANCED EDUCATIONAL PSYCHOLOGY—(See p. 18)

S360 ADVANCED STATISTICS—(See p. 16)

S368 SCHOOL ADMINISTRATION AND THE CURRICULUM
Sayers
Concepts, aims, development, and evaluation of the curriculum. Questions considered include those regarding continuity and organization, standards, drill, and materials of study. The course deals with the problems of the curriculum from the point of view of administration. Daily at 10.

S369 SUPERVISION IN THE SECONDARY SCHOOL
Clinton
Given with two groups of persons in mind: (1) high school teachers, and (2) school administrators and supervisors. Supervision is based on cooperation, and teachers as well as supervisors must understand the philosophy and techniques of supervision if the school system is to function efficiently. Daily at 10.

S380 SEMINAR IN RESEARCH AND THESIS WRITING
Bryan

S390 SCHOOL ORGANIZATION AND MANAGEMENT
Scott
A study of the organization of public education in Hawaii, and of the many routine problems of school administration of special concern to teachers. Daily at 11.

ENGLISH

S100 COMPOSITION
Bergstrom
The principles of exposition, description, and narration; analysis of illustrative specimens; frequent written exercises and individual conferences with instructor; collateral reading. 3 credits. Daily at 11.

S135 PRINCIPLES OF VOICE AND DICTION
Peavey
Systematic training in the nature, articulation, speech-tune, rhythm, and pronunciation of English speech. Interpretation forms a part of the basic drills. Designed especially for teachers and prospective teachers whose work calls for pupil participation through the medium of oral English. Daily at 9.

S200 JOURNALISM
Peavey
A course in newswriting, editing, school publicity, and supervising the student paper, designed particularly for teachers of journalism and English. The class edits and publishes the official summer session weekly newspaper. Daily at 11.

S202 PROBLEMS OF ENGLISH USAGE IN HAWAII
Coale
Attention to chief local shortcomings, conditioning influences, usage surveys, a program of improvement, and the development of teaching materials. Special aid sought from new professional literature in the local field. Daily at 9.
S244 PLAY WRITING
Practice in the construction and dramatization of productions suitable to elementary and secondary school audiences. Daily at 10.

S252 WORLD LITERATURE
An outline course presenting in English translations the major writings of Japan, China, and India. Daily at 10.

S253 THE BIBLE AS LITERATURE
A critical survey of the Old and New Testaments emphasizing their purely literary significance, as well as their worth as revelations of the development of ancient life and thought. Daily at 9.

S259 CONTEMPORARY DRAMA
Reading and criticism of the outstanding productions of contemporary American playwrights. Daily at 11.

S260 AMERICAN LITERATURE
A survey of the formative influences in the development of the literature of America from the Colonial period to the Civil War, in relation to the underlying social and economic conditions. Daily at 8.

S289 HISTORY OF LITERARY CRITICISM
The development of modern standards of literary criticism from their classical sources through the major periods in English literary history. Daily at 10.

S292 LITERATURE IN THE SECONDARY SCHOOL
Emphasis upon textual materials, self-directed reading, the use of poetry, means of testing, and modern purposes. Opportunity for individual study of topics of personal interest. Although the course deals particularly with teaching in the secondary school, it should also be of value for workers at higher levels. Daily at 11.

S294 APPRECIATION OF CHILDREN'S LITERATURE
Emphasis on modern American writers such as Elizabeth Coatsworth, Laura Ingalls Wilder, and E. Sterne. Daily at 10.

S297 THE SOUNDS OF ENGLISH
Elementary phonetics, with emphasis on ear training and the production of English speech sounds. Daily at 8.

S299 TECHNIQUES OF SPEECH IMPROVEMENT IN THE ELEMENTARY SCHOOL
Designed to meet the general speech problems in the schools of Hawaii. Materials suitable to the various school grades and techniques for their application are considered. Prerequisite: English 297 or its equivalent. Daily at 9.

S355 INDIVIDUAL STUDIES
Investigation in fields of special interest or value to the individual student. Daily at 11.

GEOGRAPHY

S150 ELEMENTS OF GEOGRAPHY
A general introduction to the field of geography in which the fundamentals of earth position, climate, and relief are discussed as a background for interpreting economic adjustments to the environment. Daily at 8.
S251 ADVANCED ECONOMIC GEOGRAPHY
Lomax
An examination of the basic elements in a present-day industrial society, such as power and fuel resources, and mineral and forest industries; economic significance of manufacturing and commerce; a changing world with its uneven distribution of natural resources; international implications. Daily at 10.

GEOLOGY

S251 GEOLOGY OF THE HAWAIIAN ISLANDS
Palmer
Geologic processes concerned in the building up and destruction of the Hawaiian Islands. The chief topics are the constructive and destructive work of volcanoes, earthquakes, streams, winds, waves, and organisms. Both the manner of working and the results are considered. No prerequisites, but a little knowledge of chemistry is desirable. May not be taken for credit by students who have had the usual elementary course in Geology. Daily at 9.

S270 ORGANIC EVOLUTION
Palmer
The manner in which animal and plant populations of the world have developed from simple beginnings to their present complexity. The chief emphasis is on the evidences offered by fossil remains of ancient animals, but the evidence from the anatomical structure, from the development of the individual, and from the geographical distribution of animals is considered, as well as the growth of our ideas in this field from Aristotle to the present day. Daily at 11.

GERMAN

S102 SCIENTIFIC GERMAN
Hoermann
Emphasis is laid entirely on sentence construction and analysis. The textbook used for translation is a compilation of excerpts from difficult German scientific readings. Practice in sight translation. Daily at 8.

S105 A REVIEW COURSE
Hoermann

HEALTH AND PHYSICAL EDUCATION

S220 GAMES AND DANCES FOR PRIMARY YEARS
Bennett
Content and organization of the physical education program for the primary years; objectives; handling of playground problems; necessary equipment for playgrounds; analysis of games and dances suitable for these years; methods of teaching games; and the relationship of physical education to the general school program. Ample practice in games and dances in the laboratory part of the course. Daily at 8.

S221 GAMES, SPORTS, AND DANCES FOR UPPER ELEMENTARY YEARS
Bennett
Content and organization of the physical education program for the upper elementary years; objectives of physical education; relationship to the health education program; desirable forms of competition; classification of children for sports; achievement tests in physical education; analysis of games and sports, and the forms they should take for these grades; development of sport skills; and methods of teaching playground activities. Laboratory practice in games and dances. Daily at 9.
S280 ORGANIZATION AND ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION Knox
Problems of organization and administration of the health and physical education program for large and small schools; the activity program, interscholastic and intramural athletics, the physical education plant, school health education, student leaders, management of finances, and testing in physical education. Open to both men and women. Daily at 10.

S356 HEALTH EDUCATION IN PUBLIC SCHOOLS Knox
A study of health problems of the elementary and secondary school child. Child hygiene relative to general school problems. Methods and materials for teaching health and administration of the health program. Daily at 11.

HISTORY

S213 HISTORY OF MODERN RUSSIA Mehnert
The history of Russia from the time of Peter the Great to Stalin. Daily at 8.

S218 EUROPE IN THE PACIFIC Mehnert
The history of European exploration, settlement, trade, and political rivalry in the Pacific area. Daily at 9.

S225 CHINA: ANCIENT AND MODERN S. Y. Ch'en
Designed to give a swift review of the most significant events and cultural achievements of each period in the long history of China. Attention is given to the development of the various Chinese institutions. Daily at 10.

S229 HISTORY OF THE CULTURAL RELATIONS BETWEEN CHINA AND THE OCCIDENT S. Y. Ch'en
The religious, intellectual, and commercial relations between China and Occidental countries from the earliest times down to the present: Sino-Roman contacts, introduction of Christianity into China, influence of Chinese civilization in Europe, and the impact of western science upon the Chinese. Daily at 11.

S243 THE UNITED STATES SINCE 1900 Adams
The heritage of the nineteenth century, the social and economic scene at the turn of the century, the development of industry, the progressive movements—with particular emphasis on the administrations of Theodore Roosevelt and Woodrow Wilson—foreign relations, the World War, post-war liberalism and reaction, the fabulous twenties, the depression, and the New Deal. Daily at 10.

S292 THE OLD WORLD TODAY Browne
A survey of political and social developments in the major countries of Europe and Asia since 1918. Daily at 11.

S310 SEMINAR IN HISTORICAL METHOD Bachman
Designed to give graduate students training in the evaluation of sources and in thesis preparation. Registration only by consent of instructor. Daily at 9.

HOME ECONOMICS

S114 DRESSMAKING AND DESIGNING Dahl
Practical training in the application of line, color, harmony, and texture to costumes for different individuals and purposes. Scientific fitting. A foundation model is made. All designing by modeling on dress forms. Original work is required. Lectures, discussions, and laboratory work. Laboratory fee $1.50. Daily 9-11.
S150  COSTUME APPRECIATION  Dahl

Discussion and demonstration to develop appreciation of costume as a means
of art expression. Costume is considered from the standpoint of abstract design,
becomingness, suitability, and expressiveness. Equivalent to H. A. 150-151 given
during the winter and spring sessions. Laboratory fee $1.50. Daily at 8.

S275  THE FAMILY AND ITS RELATIONSHIPS  Wood

Problems of living together in the family. Analysis of factors entering into
adjustments within the family group. Daily at 10.

S276  METHODS OF TEACHING CHILD CARE AND FAMILY RELATION-

SHIPS  Wood

Intended to help the teacher plan and carry out the child care and family re-

lationship aspects of her work. Special emphasis upon the selection of content
and activities suited to the groups to be reached. Daily at 11.

LIBRARY SCIENCE

S266  SCHOOL LIBRARY METHODS  Geiser

A laboratory course in library methods adapted to the needs of the teacher-

librarian in the elementary school. Practice in simple classification and catalogu-

ing and methods of handling collections of textbooks. Recommendations of
the Department of Public Instruction Library Committee are the basis for this
course. Daily at 9.

S270  SCHOOL LIBRARY PROBLEMS  Geiser

Designed to help the teacher-librarian in the elementary school solve problems
in the selection, classification, cataloguing, and circulation of books, pamphlets,
pictures, and periodicals. Prerequisite: School Library Methods 260 or equiva-

lent. Daily at 10.

MATHEMATICS

S360  ADVANCED STATISTICS  Hoy

Regressions and their use in prediction, curve fitting, graduating data to theo-

retical curves, sampling, correlation of non-measurable characters, and partial
and multiple correlation. Prerequisite: Education 260 or Mathematics 280. Daily
at 10.

MUSIC

S250  MUSIC FOR THE PRIMARY YEARS  Kahananui

Fostering musical growth in young children through song singing and rhythm-

mic and creative experiences. Discussion and demonstration of techniques and

procedures involved in: (1) the teaching of songs by rote; (2) the use of songs
and recorded material for rhythmic growth including rhythm band and toy
orchestra activities and simple eurythmics; (3) assisting the less musical child.
A non-technical, psychological approach to music reading. Daily at 8.

S252  MUSIC IN THE SECONDARY SCHOOL  Hiscox

Music approached through unit studies which link it with the students' other
activities in the school and community. Testing of individual voices and assign-
ment of parts in class and choral groups. Review of the rudiments of music
through experience in singing. Correlation with the instrumental program
through listening and participation. Daily at 9.
S256 MUSIC IN THE ELEMENTARY SCHOOL Hiscox
A broad view of the course of study is taken, and special attention paid to the sequence of problems which confront the classroom teacher and supervisor year by year. Type lessons in music reading, music appreciation, creative music, and the integrated social program. Attention to the use and care of the voice in early adolescence. Daily at 11.

S263 MUSIC HISTORY AND APPRECIATION Kahananui
Significant contributions of composers to musical evolution during the late nineteenth and early twentieth centuries. The decline of romanticism in nationalism, impressionism, and realism and the rise of twentieth century modernism. Innovations in the twentieth century illustrated by examples from the works of leading composers of the period. Daily at 10.

ORIENTAL STUDIES

S210 INTENSIVE CHINESE READING COURSE Chao and K. Ch'en
Primarily a course in wenli, the classic language. Some knowledge of characters and colloquial Chinese is desirable but not required. Reading of characters, grammatical analysis, and translation of texts. By the end of the six weeks it is expected that a student will be able to translate normal wenli with the aid of a dictionary. 6 credits. Daily 8-12.

S276 THE SPIRIT OF ORIENTAL PHILOSOPHY—(See below)
S278 AN OUTLINE OF INDIAN PHILOSOPHY—(See below)
S279 BASIC IDEAS OF BUDDHIST PHILOSOPHY—(See below)

PHILOSOPHY

S276 THE SPIRIT OF ORIENTAL PHILOSOPHY Chan
General discussion of Oriental philosophy, particularly the philosophy of China, with a view to determining the characteristics of Oriental thought, in what way they are similar to and different from those of the West, and how they have molded Oriental culture and life. Daily at 8.

S277 THE SPIRIT OF WESTERN PHILOSOPHY Northrop
The scientific and logical foundation of Western philosophy and culture. Factors which have given the West its emphasis upon technology and its own specific philosophical doctrines and cultural institutions. Similarities to and contrasts with Eastern philosophy. Daily at 9.

S278 AN OUTLINE OF INDIAN PHILOSOPHY Conger
Major systems of philosophy in India, emphasizing only the basic ideas of the several systems, including comparisons and contrasts with Western systems. Daily at 10.

S279 BASIC IDEAS OF BUDDHIST PHILOSOPHY Takakusu
Early Buddhism, Hinayana, and Mahayana, with special reference only to the fundamental philosophical ideas in these major schools of Buddhism. An attempt to indicate some of the main general attitudes of Oriental thought as represented in Buddhism. Daily at 11.

S285 TYPES OF PHILOSOPHY Hocking
Basic philosophical attitudes such as naturalism, skepticism, pragmatism, intuitionism, dualism, idealism, realism, and mysticism. Daily at 10.
POLITICAL SCIENCE

S276  AMERICAN FOREIGN POLICIES  Martin
American foreign policies in the light of recent developments in Europe, Latin America, and the Far East, especially with regard to Anglo-American relations, the Monroe Doctrine, and the Open Door. Daily at 11.

S269  JAPANESE EXPANSION IN THE FAR EAST  Bachman
Japanese imperialism in Asia; factors motivating Japanese expansion, military and economic problems involved, effect on foreign rights and interests in China; attitude of the Great Powers. Daily at 8.

S291  CONTEMPORARY EUROPEAN POLITICS  Martin
Forces at work in European politics; the threat of the totalitarian states to democracy; the emergence of a new balance of power; the fate of the small states in Europe. Daily at 10.

PSYCHOLOGY

S150  GENERAL PSYCHOLOGY  Weeber
Survey of human behavior. Methods and subject matter of psychology—sensation, emotion, motivation, learning, perception, thinking, personality, etc. Daily at 10.

S208  PSYCHOLOGY OF THE KINDERGARTEN-PRIMARY CHILD  Weeber
Beginning with historical and scientific orientation in child psychology, this course considers the growth and needs of the child and the organization of educational experiences in the younger grades as a basis for enriched living. Daily at 8.

S268  MENTAL HYGIENE  Tilton
Factors which determine personality and the conditions requisite to the preservation of mental health and a satisfactory social adjustment. Applications of mental hygiene to problems of family relationship. The reconstructing of personality. Behavior problems. Daily at 11.

S351  ADVANCED EDUCATIONAL PSYCHOLOGY  Tilton
A systematic critical inquiry into certain major problems of child development and the learning process. The method of the course consists primarily of a survey of the outstanding investigations in the field, the attempt being critically to evaluate methods and results and to outline major problems. Daily at 9.

PUBLIC HEALTH NURSING

S250  HEALTH OF THE SCHOOL CHILD  Floyd
Development of the normal school child: the health inventory; healthful school environment; individual needs; relationships; and practical problems of health supervision and health instruction. Intended for nurses, teachers, and others interested in the health and development of the school child. Daily at 8.

RELIGION

S254  AN INTRODUCTION TO THE BIBLE  Dunstan
Origin of Biblical literature and the process by which this literature was gathered and incorporated in one volume. The methods, results, and implications of higher criticism. Lectures, discussion, assigned reading. Daily at 8.
### S263 COMPARATIVE STUDY OF RELIGIONS  
Dunstan


### SOCIAL SCIENCE

#### S292 TRAFFIC SAFETY EDUCATION  
Clarke

A survey of the traffic accident problem, including the scope and nature of the problem today, causative factors involved in traffic accidents, and standard procedures of accident prevention. Factors considered include the vehicle, particularly as to maintenance of safety equipment, driver attitudes, and driver condition. Preventive measures discussed include traffic legislation, traffic law enforcement, accident investigation, traffic engineering, and school and public safety education. Daily at 10.

### SOCIAL WORK TRAINING

#### S261 INTRODUCTION TO CHILD WELFARE  
Hutchinson

Analysis of how children come to the attention of any community, various attitudes expressed toward them, and how these feelings and convictions eventually emerge in social programs for children; efforts to meet the problems of children in their own homes and provisions outside the home; and the social problem of physically handicapped children and some of the developments for helping them. Daily at 8.

#### S262 THEORY AND PRACTICE OF CHILD PLACEMENT  
Hutchinson

Foster care of children, both institutional care and foster home treatment: the development of foster care as a social movement; the services of child placement agencies and institutions; and the adaptation of basic case work to the setting of a children’s agency. Open only to social case workers. Daily at 9.

### SOCIOLOGY

#### S170 ELEMENTS OF SOCIOLOGY  
Blumer

An introductory course. Man’s cultural heritage and social nature; personality and the group; crowds and publics; races, nations, and classes; the community and social organization; social interaction and social change. Daily at 11.

#### S290 SOCIAL MOVEMENTS  
Blumer


### VOCATIONAL EDUCATION

#### S270 DIRECTED OR SUPERVISED PRACTICE IN AGRICULTURE  
Anderson

Latest methods of organizing and conducting the supervised or directed practice program of students in vocational agriculture. Daily at 8.

#### S279 SUPERVISION OF VOCATIONAL EDUCATION  
Anderson

Courses of Instruction

Courses numbered 200 to 299 are upper division courses, but are open to graduate students. Courses numbered 300 and over are graduate courses.

ANTHROPOLOGY

P281 MODERN AMERICA
Embree
A sociological approach to the study of a new machine-age, immigrant settled country whose frontiers have only recently disappeared, in contrast to old folk communities such as are found in Europe and Asia. Problems of social readjustment created in the new society. 2 credits. Daily 8-10.

EDUCATION

P201 PLANNING UNITS OF WORK
Traut
Consideration of modern elementary curriculum trends; nature of a unit; basis for selecting and evaluating units; survey of descriptive units; planning units of work. 1 credit. Daily at 8.

P209 INTEGRATING SKILLS IN PROGRESSIVE PRACTICE
Traut
The basic skills in modern classroom practice, with emphasis upon their purposes in the development of an integrated individual. 1 credit. Daily at 10.

P363 EDUCATIONAL ADMINISTRATION
Wist
For administrators and prospective administrators in elementary and secondary education. Organization and administrative control in a state or territorial system; centralization in administration; taxation for school support; the development of curricula; control and development of libraries and classroom reading materials; personnel relations within a system; classification of pupils; records and reports. 2 credits. Daily 9-11.

ENGLISH

P268 RECENT TRENDS IN FICTION
Schwartz
The stream of consciousness method, the proletarian novelists, etc. Three or four novels to be read. 1 credit. Daily at 8.

P269 SHAKESPEAREAN TRAGEDY
Schwartz
Reading and study of Othello, King Lear, Macbeth, and Hamlet. 1 credit. Daily at 11.

POLITICAL SCIENCE

P220 AMERICAN INSTITUTIONS AND IDEALS
George
A rapid survey of national and territorial political institutions and problems with special emphasis on the duties and privileges of citizenship. Policies and problems of the present national administration. 2 credits. Daily 8-10.
PSYCHOLOGY
P221 PSYCHOLOGY OF INDIVIDUAL DIFFERENCES Wentworth-Rohr
Experimental evidence bearing upon individual differences, causes of such differences, and the implications for educational organization and procedure. 1 credit. Daily at 9.

P236 PSYCHOLOGY OF ADOLESCENCE Wentworth-Rohr
Characteristics of pupils at the junior and senior high school levels; the educational and social problems which arise at these periods. 1 credit. Daily at 11.

SCIENCE
P205 HAWAIIAN NATURAL HISTORY Tinker
Designed to acquaint teachers with the possibilities of the natural environment as it applies to the teaching of science in the public schools; review of natural history and science areas of interest to children; location of source materials of Hawaiian natural history; readings in Hawaiian natural history; and development of classroom activities based upon the local natural environment. 2 credits. Daily 10-12.
Kilauea Volcano Laboratory

Because of the unusual natural features afforded by the two world-famous volcanoes Kilauea and Mauna Loa, on the island of Hawaii, the University offers opportunity for a small number of qualified graduate students to pursue at Kilauea research and advanced study in Geology, Volcanology particularly, and the related fields of Physics and Botany. The work is in charge of Dr. Thomas A. Jaggar, U. S. Volcanologist and professor of Volcanology, assisted by Dr. Willard H. Eller, Dr. Stanley S. Ballard, and Mr. H. H. Waesche, seismologist.

The special fields are: Mechanism of Hawaiian craters (Jaggar); ground tilt and magnetism (Eller); spectroscopy of gases (Ballard); volcanic earthquakes (Waesche).

The number of credits earned depends on the amount of time spent. Students may register for periods of six to twelve weeks, at Kilauea or Honolulu or both.

Requests for detailed information should be addressed to the Director of Summer Sessions, University of Hawaii, Honolulu, T. H.

The work of the Volcano Laboratory is not confined to the summer period. Research workers of other institutions are welcome at any time of the year and can obtain research accommodations to carry on work of particular interest to them, at their own expense. For them the Kilauea Laboratory facilities may be made available without charge. Requests for this type of accommodations should be made to T. A. Jaggar, Volcanologist, Hawaii National Park, Hawaii.
Seminar-Conference on Comparative Philosophy in Conjunction with the Six-Weeks Session
June 26 to August 4

THEME
Comparison and Contrast of Oriental and Occidental Philosophies as an Approach to a World Philosophy

Visiting professors from America and the Orient will cooperate with the Philosophy staff of the University of Hawaii (Dr. C. A. Moore, Dr. W. T. Chan, and Dr. J. Takakusu) in directing intensive study of this subject. Those invited to participate are Dr. W. E. Hocking of Harvard, Dr. F. S. C. Northrop of Yale, Dr. G. P. Conger of the University of Minnesota, and Dr. D. T. Suzuki of Japan.

The work of the conference will comprise:

(1) Courses in the six-weeks Summer Session by members of the group—
These courses are designed to portray the essential attitudes and methods of the East and West, and to offer comparisons and contrasts as to ways in which each may profit from contact with, and consideration of, the ideas and attitudes of the other.

(2) Seminar-conference discussion of these topics in a more comprehensive manner—
In addition to the above-mentioned professors, representatives of allied subjects in the University and others especially qualified and interested will be asked to participate.

An unusual opportunity is thus offered to those coming to the 1939 University of Hawaii six-weeks Summer Session. This plan will present a comprehensive study of the philosophies of East and West—a unique topic in American universities.

For further information address Dr. Charles A. Moore, Department of Philosophy, University of Hawaii, Honolulu, Hawaii.
University Publications

Other announcements of University of Hawaii courses are published in the Annual Catalogue (Register for the current year and Announcement of Courses for the succeeding year), the Announcement of the Graduate Division, and the Catalogue of Late Afternoon, Evening, and Saturday Morning Classes (Adult Education Division). The Annual Report is published in the autumn.

The University also publishes the Oriental Institute Journal and monographs and other papers embodying the results of original research. The University of Hawaii Agricultural Experiment Station and the University's Cooperative Extension Service in Agriculture and Home Economics publish independently a number of studies in their fields. University publications of recent date and those in press include:

*The Hawaiian Kingdom 1778-1854: Foundation and Transformation.* By R. S. Kuykendall. Volume I of the first definitive history of the Hawaiian Islands. $5.00

*A Study of the Dietary and Value of Living of 44 Japanese Families in Hawaii.* By Carey D. Miller $ .50

*A Study of the Incomes and Disbursements of 218 Middle-Income Families in Honolulu.* By Harold J. Hoflich, William H. Taylor, and Lauren W. Casaday. $ .50

*Some Modern Hawaiians.* By Ernest Beaglehole. $1.25 (?)

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**AMERICAN PRESIDENT LINES**—Chicago: 110 South Dearborn Street; Los Angeles: 514 West Sixth Street; New York: 604 Fifth Avenue; San Francisco: 311 California Street; Seattle: Fourth at University.

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