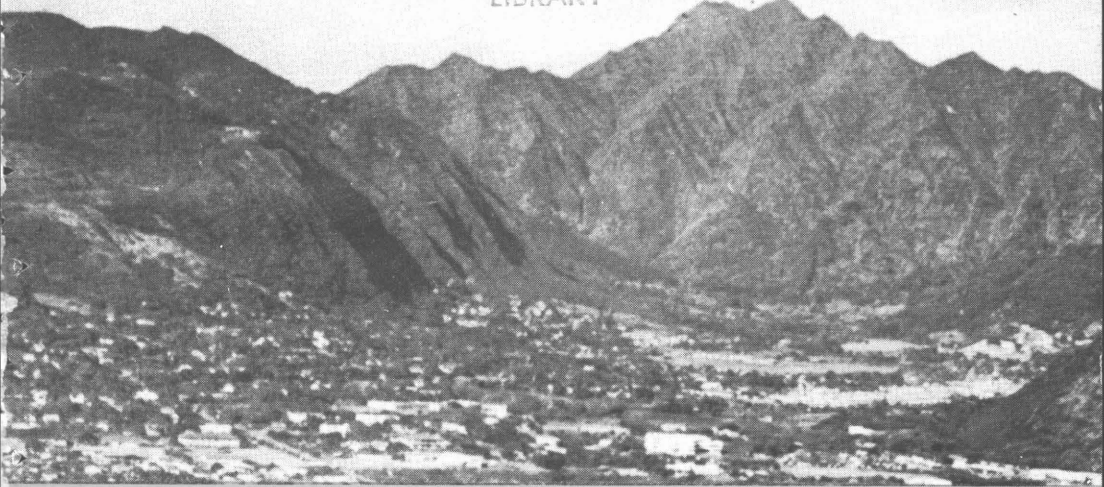


V. 33 no. 2

UNIVERSITY OF HAWAII  
LIBRARY



UNIVERSITY OF HAWAII  
VOLUME XXXIII · MARCH 1954 · NUMBER 2



R  
938  
937  
V. 33  
no. 2

TWENTY-EIGHTH ANNUAL  
SUMMER SESSION, HONOLULU AND HILO  
JUNE 23 TO AUGUST 3, 1954



Twenty-eighth Annual  
**SUMMER SESSION, HONOLULU AND HILO**  
**1954 Calendar**

June 23, Wednesday . . . . . Registration  
June 24, Thursday . . . . . Classes begin  
August 3, Tuesday . . . . . Session ends

The University of Hawaii Bulletin is published quarterly by the University of Hawaii, Honolulu, Hawaii, U.S.A. Entered as second-class matter at the post office at Honolulu, Hawaii, November 14, 1921, under Act of Congress of August 24, 1912.

# THE 1954 SUMMER SESSION

## ADMINISTRATIVE STAFF

GREGG M. SINCLAIR, LL.D. . . . .	President of the University
PAUL S. BACHMAN, Ph.D. . . . .	Vice-President and Director of the Summer Session
THAYNE M. LIVESAY, Ph.D. . . . .	Dean of the Graduate School
WILLARD WILSON, Ph.D. . . . .	Dean of the College of Arts and Sciences
BRUCE E. WHITE, Ph.D. . . . .	Dean of Teachers College
WILFRED J. HOLMES, M.S. . . . .	Dean of the College of Applied Science
HAROLD A. WADSWORTH, B.S. . . . .	Dean of the College of Agriculture
HAROLD S. ROBERTS, Ph.D. . . . .	Dean of the College of Business Administration
HAROLD M. BITNER, Ph.D. . . . .	Acting Dean of Student Personnel
EDWARD T. WHITE, M.A. . . . .	Director of Admissions
KATHARINE N. HANDLEY, M.S.W. . . . .	Director of the School of Social Work
VIRGINIA A. JONES, M.Ed. . . . .	Acting Director of the School of Nursing
ALBERT J. MCKINNEY, Ph. D. . . . .	Director of the University Extension Division
EDMUND F. SPELLACY, Ph.D. . . . .	Veterans' Adviser
CARL G. STROVEN, Ph.D. . . . .	Librarian
JOSEPH M. SKORPEN, B.A. . . . .	Treasurer
HELEN B. MACNEIL, M.A. . . . .	Registrar
MARY LOU MCPHERSON, B.S. . . . .	Director of Student Residences
JEANNE D. JOHNSON, M.A. . . . .	Director of Student Activities
ARTHUR DOLE, Ph.D. . . . .	Director of the Bureau of Testing and Guidance

## VISITING FACULTY

### ANNI ALBERS

Textile Weaver and Designer

### JOSEF ALBERS

Chairman, Department of Design, Yale University

### O. N. ALLEN, Ph.D.

Professor of Bacteriology, University of Wisconsin

### MARTIN ATLAS, M.A.

Tax Consultant and Tax Accountant, Cauffman Real Estate Company, Washington, D.C.

### FLOSSITA BADGER, B.M.

Lecturer in Music, City College of San Francisco

### GEORGE C. S. BENSON, Ph.D.

Professor of Public Administration; President, Claremont Men's College

### ROBERT G. BERNREUTER, Ph.D.

Professor of Psychology and Director, Psychology Clinic, Pennsylvania State College

- LEO J. BRUECKNER, Ph.D.  
Professor of Education, University of Minnesota
- EDWARD P. COLEMAN, Ph.D.  
Professor of Engineering, University of California at Los Angeles
- BINGHAM DAI, Ph.D.  
Professor of Social Psychology, Duke University
- TARAKNATH DAS, Ph.D.  
Lecturer in History, Columbia University; Adjunct Professor of Public Affairs and Regional Studies, New York University
- RALPH G. ECKERT, Ph.D.  
Professor and Head of the Department of Child Development and Family Relations, University of Connecticut
- CLELLAN S. FORD, Ph.D.  
Professor of Anthropology, Yale University
- CLIFFORD D. FROELICH, Ph.D.  
Associate Professor of Education, University of California
- PAULINE F. HALL, B.A.  
Lecturer in English, School of Business Administration, University of Michigan
- ROBERT B. HALL, Ph.D.  
Professor of Geography and Director, Center for Japanese Studies, University of Michigan
- FREDERICK HARD, Ph.D.  
Professor of English; President, Scripps College
- PHILIP C. JESSUP, Ph.D.  
Professor of International Law, Columbia University
- ROY IVAN JOHNSON, Ph.D.  
Professor of Education and Director, Graduate Studies in Education, University of Denver
- WALTER JOHNSON, Ph.D.  
Professor of History, University of Chicago
- CHARLES W. LAMDEN, Ph.D.  
Dean of Summer Sessions, San Diego State College
- SHAO CHANG LEE  
Head of Department of Foreign Studies, Michigan State College
- OLIVER W. NELSON, Ph.D.  
Associate Professor of Speech, University of Washington
- SAMUEL RUBIN, B.S.  
Professor and Head of the Department of Transportation, University of Southern California
- EMERY STOOPS, Ed.D.  
Professor of Education, University of Southern California
- SAM J. WANOUS, Ph.D.  
Chairman, Department of Business Education, University of California at Los Angeles
- MARY J. WEBSTER, M.A.  
Assistant Professor Emeritus of Speech, University of Utah

## RESIDENT FACULTY

- HANNAH L. BENNETT, M.A., Instructor in Education
- CHARLES S. BOUSLOG, Ph.D., Associate Professor of English
- EDWARD J. BRITTEN, Ph.D., Assistant Professor of Botany
- DOROTHY S. BROWN, M.A., Instructor in English
- ELIZABETH B. CARR, Ph.D., Assistant Professor of Speech
- NORMAN C. CHAPMAN, D.Ed., Assistant Professor of Music
- KWAI SING CHANG, Ph.D., Lecturer in Religion, Hawaii School of Religion
- LILY P. CHONG, M.A., Assistant Professor of Chinese Language
- DAI HO CHUN, Ph.D., Associate Professor of Education
- TOM B. COLEMAN, M.S., Associate Professor of Social Work
- PAOLO COMBA, Ph.D., Assistant Professor of Mathematics
- L. SCOTT DANIEL, B.S., Associate Professor of Engineering
- FRANCES E. DAVIS, M.A., Assistant Professor of Mathematics
- A. GROVE DAY, Ph.D., Professor of English
- VIRGINIA DERSTINE, M.A., Instructor in English
- HELEN I. DOUTY, M.S., Assistant Professor of Home Economics
- ELLA L. EMBREE, B.A., Instructor in European Languages
- EARLE ERNST, Ph.D., Professor of Drama and Theatre
- JOHN R. EVANS, M.A., Assistant Professor of Engineering
- HUBERT V. EVERLY, Ph.D., Associate Professor of Education
- CLAUDE H. EWING, Ph.D., Professor of Education
- JAMES W. FRIERSON, Ph.D., Assistant Professor of English
- GLADYS M. GARDNER, M.S., Assistant Professor of Education
- MAY K. GAY, M.A., Assistant Professor of Health and Physical Education
- BARTLEY M. HARLOE, C.E., Associate Professor of Engineering and Mathematics
- DOROTHY I. HENDERSON, M.S., Instructor in Home Economics
- CLAUDE F. HORAN, M.A., Associate Professor of Art
- BERNHARD L. HORMANN, Ph.D., Associate Professor of Sociology
- SIDNEY C. HSIAO, Ph.D., Associate Professor of Zoology
- FRANK T. INOUE, Ph.D., Assistant Professor of History and Director, Hilo Branch
- DONALD D. JOHNSON, Ph.D., Associate Professor of History
- HENRIETTA C. KRANTZ, M.A., Assistant Professor of Speech
- ROSE KUAMOO, Lecturer in Health and Physical Education
- FRED LA FON, Ph.D., Assistant Psychologist
- ORLAND S. LEFFORGE, M.A., Assistant Professor of Speech
- THAYNE M. LIVESAY, Ph.D., Professor of Psychology
- MARION L. LOHMAN, Ph.D., Associate Professor of Botany
- FLORENCE A. MANEY, M.A., Instructor in English
- ARTHUR J. MARDER, Ph.D., Professor of History
- ROBERT M. MARTIN, Ph.D., Assistant Professor of Education
- WINFIELD E. NAGLEY, Ph.D., Assistant Professor of Philosophy
- BEN NORRIS, B.A., Professor of Art
- HAROLD S. PALMER, Ph.D., Professor of Geology
- LOUIS G. POHL, Lecturer in Art

M. ROSEAMONDE PORTER, Ph.D., Associate Professor of Education

IONE J. RATHBURN, M.P.H., Instructor in Health and Physical Education

HESTER A. ROBINSON, M.A., Associate Professor of Art

SOICHI SAKAMOTO, B.Ed., Assistant Professor of Health and Physical Education

EMMA F. SHARPE, Teacher of the Hawaiian Dance

STANMORE B. TOWNES, Ph.D., Associate Professor of Mathematics

DANIEL W. TUTTLE, M.A., Assistant Professor of Government

WARREN VAN BRONKHORST, M.M., Assistant Professor of Music

W. EDGAR VINACKE, Ph.D., Associate Professor of Psychology

HERBERT B. WEAVER, Ph.D., Professor of Psychology

BRUCE E. WHITE, Ph.D., Professor of Education

GEORGE K. YAMAMOTO, M.A., Instructor in Sociology



The campus is shaded by more than 200 varieties of flowering trees.



# GENERAL INFORMATION

The University of Hawaii, situated in Honolulu on the Island of Oahu, lies in quiet Manoa Valley which is encircled by the green Koolau Mountains and faces toward Diamond Head and the Pacific. It is three miles from downtown Honolulu and two miles from Waikiki Beach.

Established in 1907, the University is a land-grant college accredited by the Western College Association and bears the same relation to the Territory as the state universities to their states. It now has an enrollment of approximately five thousand students, and a faculty and administrative staff of five hundred. As a center for East-West cultural studies, it is gaining increasing importance.

## **SUMMER SESSION HOUSING**

The University's new women's residence, Mary Dillingham Frear Hall, accommodating 144 women, is available for summer session housing. Each attractively furnished room has a sweeping view of either the mountains or the sea. All rooms are double. In addition Hale Laulima, a small dormitory having fourteen single rooms and two double rooms, will be available to graduate students only for summer session. To be eligible for either dormitory, a student must register for at least three hours of credit. Applications for residence should be addressed to the Director of Student Residences, 126 Administration Building, University of Hawaii, Honolulu 14, Hawaii.

Men students can find comfortable accommodations in Atherton House, which is owned and operated by the YMCA and is located immediately adjacent to the campus. For information write to the Director, Charles Atherton House, 1810 University Avenue, Honolulu 14, Hawaii.

A snack bar operated at Frear Hall provides dinner each evening and breakfasts on Saturdays and Sundays. There are no meals served at Atherton House, but both dormitories are within easy walking distance of the University cafeteria, which serves reasonably priced breakfasts, lunches, and dinners every day but Sunday.

Rooms in the University vicinity are obtainable during the summer months, as are studio and one-bedroom apartments in the Waikiki Beach area. The University Office of Student Personnel maintains a list of available living accommodations and will assist students upon arrival. Rooms and apartments must be negotiated for directly with the landlord, and no deposits will be accepted by the Student Personnel Office. Minimum rents are \$35 a month for a room and \$85 a month for a one-bedroom or a studio apartment. However, a student should be prepared to pay more as housing accommodations are in great demand during the summer period. Arrangements should be made to stay in one of the Honolulu hotels for a few days after arriving in Honolulu. For a complete list of Honolulu hotels, prices, and accommodations, write directly to the Hawaii Visitors Bureau, 2051 Kalakaua Avenue, Honolulu, Hawaii.

## **TRANSPORTATION**

Hawaii is served by Pan American, United, Northwestern, and British Commonwealth Pacific airlines. Round-trip fare on any of the regular flights from San Francisco, Los Angeles, and Seattle is \$302.40 plus tax. Round-trip tourist fare on regular scheduled carriers is \$225 plus tax, or \$125 plus tax one way.

Steamship service is provided by Matson, American President, and Hawaiian-Pacific navigation companies. Minimum steamer fares vary from \$125 to \$145 plus tax, depending upon the carrier involved.

Study tours organized by mainland tourist agencies are brought to the Islands each summer. The names of such agencies may be obtained by addressing your inquiries to the Director of the Summer Session, University of Hawaii, Honolulu, Hawaii.

The University is located on a bus line to the center of town, with connecting lines to Waikiki.

The outer islands are easily reached by interisland airlines which offer daily flights.

**CULTURAL OPPORTUNITIES** Museums, temples, theatres, restaurants, and parks offer a wide range of programs featuring our multiplicity of ethnic groups. A particular feature of the summer season is the series of Bon dances offered by members of the Buddhist community in commemoration of the dead.

Trips around Oahu or to the outer islands give the student a view of sugar and pineapple plantation operations as well as an enchanting introduction to the tropical beauty of Hawaii.

A conference on Race Relations in World Perspective, jointly sponsored by the University of Hawaii, University of Chicago, and University of California, will be held with the financial support of the Ford and McNerny foundations. In connection with the conference there will be an opportunity for summer students to attend certain lectures and discussion groups which will be open to the public.

**SPECIAL FEATURES** **WORKSHOP COURSES.** Three workshop-type courses are offered during the summer period in the fields of Education and Speech. These workshops are intended primarily for teachers, but other qualified persons will be permitted to enroll. In general, the Education workshops include: (1) Individual study under guidance and direction; (2) organized group work; (3) periodic conferences with the workshop leader; and (4) general meetings of the workshop group. Persons who do not desire academic credit may be admitted in limited numbers at the discretion of the workshop leader. See Education S 292(6), S 292(7), and Speech S 292(2).

**STUDENT ACTIVITIES** Lecture series, plays, beach parties, tours, dances, and other social, cultural, and recreational events will be sponsored by the University as part of the summer session program. An activity fee of \$1.00 will be charged all students registered in the summer session to finance the program.

**THEATRE PRODUCTION** The Department of Drama and Theatre will offer a Summer Theatre production during the fifth week of the session. Backstage work is also open to all summer students, but those with a special interest in staging, lighting, costumes, or properties should see course S 290 under the Department of Drama and Theatre.

**REGISTRATION** Regular registration will take place Wednesday, June 23. Students whose last names begin with the letters A to J, inclusive, will register at 8:00 A.M.; K to O, inclusive, at 9:30 A.M.; and P to Z, inclusive, at 11:00 A.M. Students may obtain registration materials at the Gymnasium at these

times. Students registering only for courses running the last three weeks of the summer session may register on the morning of July 21.

Classes will start June 24 and end August 3, unless otherwise noted in the course descriptions. Graduates of accredited colleges or universities, or students in good standing at any such institutions, will be admitted upon presentation, at the time of registration, of evidence of graduation. For the convenience of mainland students, a form to be signed by an authorized official of the institution attended will be found on page 16. However, entering freshmen should apply to the Office of the Director of Admissions not later than June 1.

The University of Hawaii is authorized to enroll veterans under Public Laws 346 and 550. Students should bring with them their Certificate of Eligibility and Entitlement.

Experience in past summer sessions indicates that, except in the workshop courses and art courses in ceramics and weaving, ample space will be available for all students desiring to register in summer session courses. Students planning to register in Education S 292 (6), S 292 (7); Speech S 292 (2); and Art S 160, S 161, S 176, and S 276 should fill out and send in to the Director of Summer Session the reservation form on page 17, accompanied by a \$10 check or money order. If the applicant is qualified to take the course and the capacity of the class has not been reached prior to the receipt of his application, a place will be reserved for him and the student notified. The receipt of such notification does not constitute registration, but merely indicates that a place in the class has been reserved for him. All reservations will be held until 3:00 p.m. on Wednesday, June 23. At that time all reservations not taken up will be assigned to persons on the waiting list. The deposit is returnable only if registration actually has taken place or a request for cancellation of reservation is received by the Director of the Summer Session prior to June 23. With the exception of those courses listed above, no reservations or deposits are necessary or acceptable.

**LATE REGISTRATION.** During the first two days following registration, students may register in courses with the consent of the dean of the college; up to and including June 29, students may register in courses with the consent of the dean of the college and the instructor. Effective Wednesday, June 30, students may register only as auditors with the consent of the dean of the college and the instructor.

**STUDENT PROGRAM** Student programs in the summer session are ordinarily limited to six credit hours. However, in exceptional cases, seven credit hours may be carried by a student in good standing who obtains the consent of the dean of his college. Eight credit hours may be carried only by a student who by taking that number of hours can complete bachelor's degree or certificate requirements at the end of the summer session.

**TUITION AND FEES** All fees are payable at the time of registration. A tuition fee of \$8.00 per credit hour will be charged all persons who register for courses, either for credit or as auditors. In certain courses, laboratory or other fees will be charged; these fees are stated in course descriptions.

A penalty fee of \$1.00 will be charged any student who registers more than one calendar day later than the announced day of registration. A student will be

charged \$2.00 for any change in registration. Such a change must have the approval of the dean of the college in which the student is registered.

A student in good standing who voluntarily withdraws from the summer session may obtain a 100 per cent refund until 4:00 P.M., Tuesday, June 29, and 50 per cent thereafter until 4:00 P.M., Friday, July 2. After that time no refunds will be made.

### **HILO SUMMER SESSION**

For the past several years, the University of Hawaii has offered a limited number of courses carrying residence credits at the University of Hawaii Hilo Branch. The courses that will be offered during the 1954 summer session are listed on page 30. All rules and regulations with respect to registration, student programs, tuition, and fees set forth above apply to the Hilo Session.

# COURSES OFFERED

Courses numbered 100 to 199 are lower division courses, intended primarily for freshmen and sophomores. Those numbered 200 to 299 are upper division courses, intended primarily for juniors and seniors, but open to graduate students. Courses numbered 300 and higher are primarily for graduate students.

The number of semester credit hours carried by each course is listed in parentheses immediately after the title of the course.

A schedule stating the time and place of meeting of all courses may be obtained from the Registrar's Office. Detailed information as to registration procedure will be given in this time schedule.

All courses listed below will be offered on the University campus in Honolulu, unless otherwise indicated.

## ANTHROPOLOGY

S 150 INTRODUCTION TO STUDY OF MAN. (3) Mr. Ford

An introduction to the changing cultures and physical characteristics of non-literate peoples, as an aid to better understanding of current problems in human relations.

S 291 APPLIED ANTHROPOLOGY. (2) Mr. Ford

Application of anthropological principles to present-day problems of human relations in undeveloped areas, with special reference to the Pacific area.

## ART

S 140 ART APPRECIATION. (3) Mr. Norris

A course designed to give insight into the nature of artistic expression and its relationship to contemporary life, including industrial and commercial forms as well as the fine arts. Lectures, demonstrations, and museum visits. Course fee \$1.00.

S 142 ART FUNDAMENTALS. (2) Miss Robinson

Background material and studio practice to stimulate understanding of the arts. Lectures, museum visits, and studio work. Studio fee \$1.00.

S 152 BASIC DESIGN. (2) Mr. Albers

Basic studies, for both beginners and advanced students, in color (perception and interaction), material (construction and combination), and drawing (linear formulation). This course will show the teaching method Mr. Albers developed at the *Bauhaus*, also the conclusions regarding form he has arrived at as an abstract painter. Studio fee \$1.00.

S 157 DRAWING AND PAINTING. (2) Mr. Norris and Miss Robinson  
(2 sections)

A course for beginners and students of moderate advancement. Considerations of representation, composition, and control of medium. Studio and outdoor subject matter. Course fee \$1.00.

S 160 CERAMICS. (2) Mr. Horan  
(2 sections)

Building pottery forms by hand; ceramic sculpture and decorative techniques. Lectures and studio work. Studio fee \$10 to cover materials and firing costs.

S 161 CERAMICS. (2) Mr. Horan  
Continuation of 160. Emphasis on wheel throwing of pottery, and further work in field of student's choice. Introductory study of glazes and operation of kilns. Lectures and studio work. Studio fee \$10 to cover materials and firing costs.

S 174 GENERAL PROBLEMS OF WOVEN TEXTILES. (2) Mrs. Albers  
A course for laymen as well as professionals, discussing the development of weaving from early to modern times.

S 276 ADVANCED WEAVING. (2) Mrs. Albers  
Study of design problems in weaving with practical exercises on the hand loom, including projects for industrial production as well as work on pictorial pieces. Prerequisite: knowledge of setting up a loom and some weaving experience. Studio fee \$10 to cover cost of materials used.

S 280 ADVANCED PAINTING. (2) Mr. Albers  
Study of pictorial organization in painting. Criticism of student's work with individuals and groups. Prerequisite: Art 180-181 (one year of oil painting), or equivalent experience, or consent of instructor.

#### BACTERIOLOGY

S 140 APPLIED MICROBIOLOGY. (2) Mr. Allen  
A survey of the principles and practical applications of microbiology. May not be used as prerequisite to other bacteriology courses. Not open to students who have had 151.

S 255 PRINCIPLES OF SOIL MICROBIOLOGY. (2) Mr. Allen  
Soil as culture medium, with emphasis upon the major groups of microorganisms, microbial reactions, and cycles of elements important to agriculture. Prerequisite: Bacteriology 151; one semester of Chemistry 149, or consent of instructor.

#### BOTANY

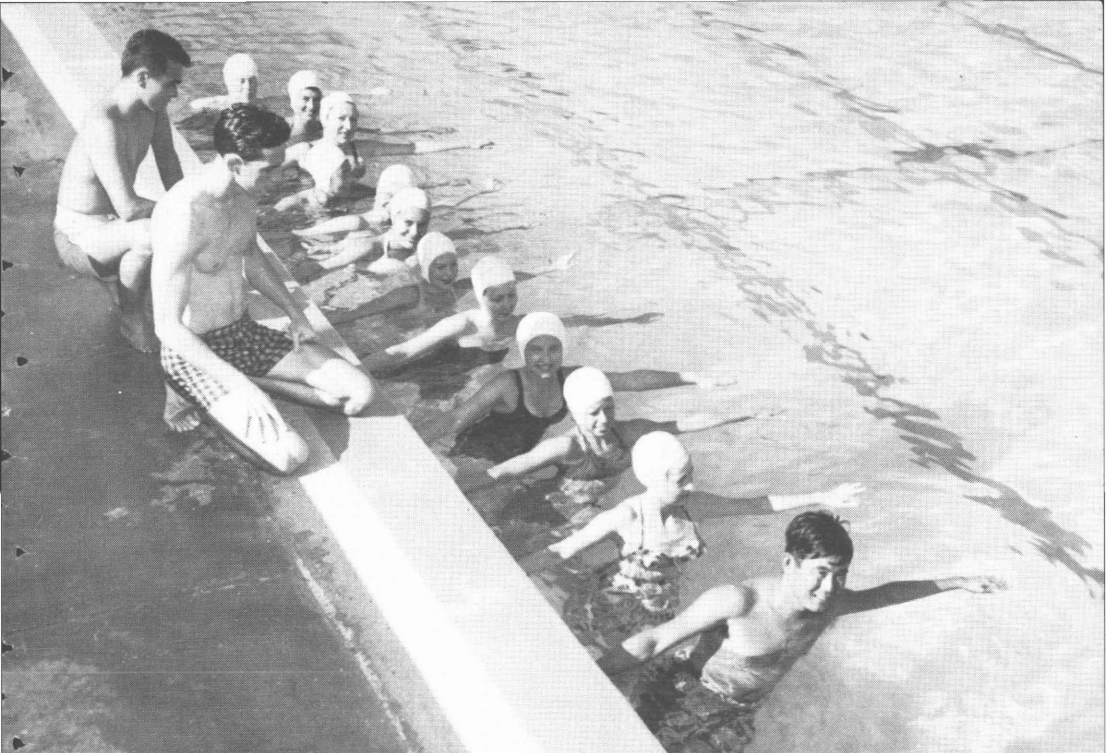
S 103 PLANT EVOLUTION. (2) Mr. Lohman  
Evolution in the plant kingdom; the simple ancestral plants; the lines of development to the complex higher plants. The rational basis for evolutionary hypotheses; the place of evolution in science and human thought.

S 105 ECONOMIC PLANTS OF HAWAII AND POLYNESIA. (2) Mr. Lohman  
The cultivated and wild plants used in ancient and modern times by the Hawaiians and Polynesians. Nature of these economic plants and their use for food, drink, fabric, dye, medicine, and utensils.

#### BUSINESS

S 256 INCOME TAX PROBLEMS. (2) Mr. Atlas  
Study of the federal and Territorial income tax laws and related accounting problems; individual, fiduciary, partnership, and corporation returns are prepared. Prerequisite: Business 151.

S 266 INVESTMENT AND INVESTMENT BANKING. (2) Mr. Lamden  
Economic theory and tests of investment; investment credit analysis; mathematics of investment; tools of investment; types of investment institutions and their functioning. Prerequisite: Business 151; Economics 256.



Diversity of courses attracts students from all sections of the mainland and many foreign countries.



Director, Summer Session  
University of Hawaii  
Honolulu, Hawaii

\_\_\_\_\_ is planning to attend your  
Name of Student  
Summer Session.

- He (or she) is a graduate of this institution.
- He (or she) is a student in good standing at this institution.

Signed \_\_\_\_\_  
Registrar or Dean

\_\_\_\_\_  
Name of Institution

\_\_\_\_\_ 1954  
Month Day



# RESERVATION FORM

To be filled out and sent to Director of Summer Session, University of Hawaii, Honolulu 14, Hawaii, if student plans to register in any one of the following courses:  
(Please check course or courses desired.)

- Educ S 292(6) Workshop in Parent Education \_\_\_\_\_
- Educ S 292(7) Workshop in Teaching Arithmetic \_\_\_\_\_
- Art S 160 Ceramics \_\_\_\_\_
- Art S 161 Ceramics \_\_\_\_\_
- Art S 176 Beginning Weaving \_\_\_\_\_
- Art S 276 Advanced Weaving \_\_\_\_\_

Name \_\_\_\_\_  
Last Given

Permanent Address \_\_\_\_\_  
Number Street City State or Territory

Honolulu Address \_\_\_\_\_

Present status:

Regular student University of Hawaii \_\_\_\_\_  
(Check)

Regular student elsewhere \_\_\_\_\_  
(Indicate university or college)

Presently employed \_\_\_\_\_  
(Indicate occupation)

Experience or college work in field covered by course in which registration is planned:

---

---

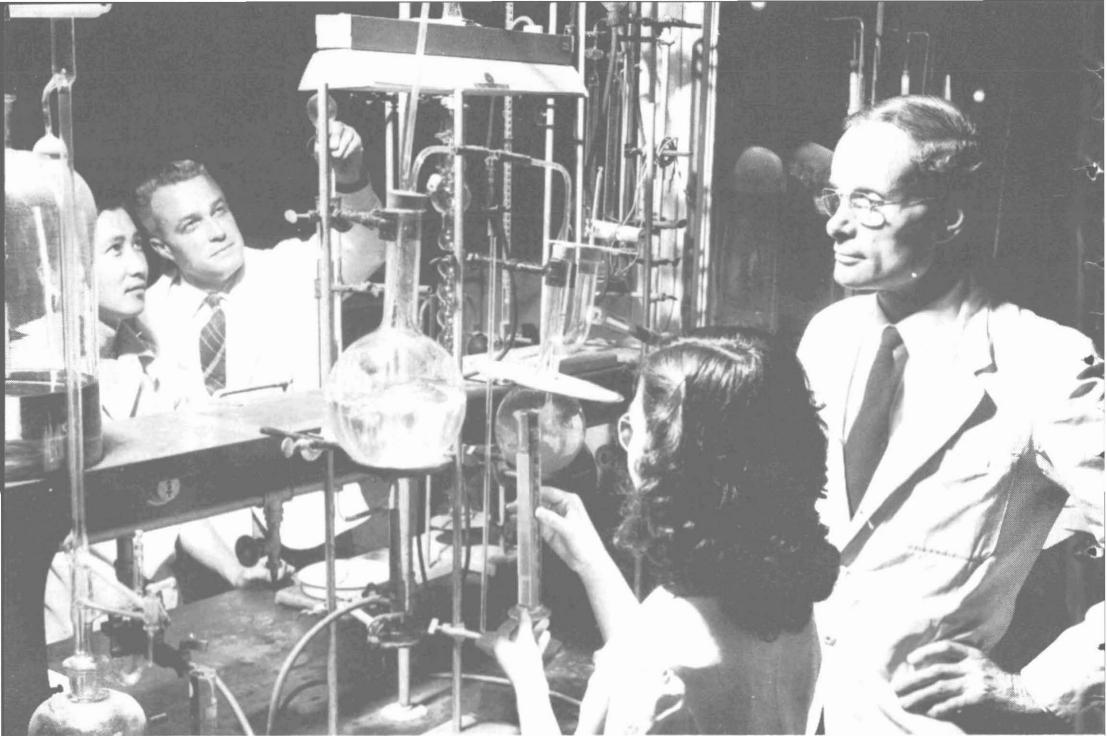
---

---

---

---

---



Resident faculty and visiting professors from the mainland conduct summer workshops in science and education.



S 274 MATERIALS HANDLING. (2)

Mr. Rubin

This course will cover planned materials handling; product analysis for package development; loading principles and practices; warehouse and storeroom operations; materials handling and plant layout; and automation as it applies to materials handling in commerce and industry.

**DRAMA AND THEATRE**

S 200 THEATRE PRACTICE. (2)

Mr. Ernst

Supervised work in the arts and crafts of the theatre, in conjunction with productions. Staging, lighting, costumes, and properties, of which the student will usually elect one. Intended for the general student rather than Drama majors.

S 220 ACTING. (2)

Mr. Ernst

Analysis and interpretative reading of dramatic prose and poetry; related principles of stage production; reports; individual exercises and group rehearsals. Co-ordinated with a summer school production.

**ECONOMICS**

S 140 INTRODUCTION TO ECONOMICS. (3)

Mr. Lamden

A descriptive analysis of basic economic institutions and a study of the elementary principles underlying consumption, production, exchange, and distribution. Not open to majors in Economics and Business or to other students who have had an introductory course in economics under a different title.

S 273 TRANSPORTATION. (2)

Mr. Rubin

Influence on location of industry; national transportation policies; influence of technological and economic developments; co-ordination of facilities; problems of financing; government regulation and government aid; comparative and competitive advantages of various modes of transportation. Special emphasis on transportation problems affecting Hawaii.

S 268 REAL ESTATE. (2)

Mr. Atlas

A study of the economic and legal aspects of real estate. Among the topics to be chosen for consideration will be: urban land utilization; valuation and appraisal; financing; taxes; real estate descriptions; titles; easements; deeds; recording; contracts; marketing of properties.

**EDUCATION**

S 206 PRINCIPLES OF INDUSTRIAL EDUCATION. (2)

Mr. Ewing

The development of vocational education; history and legislation affecting it; analysis of objectives of types of courses and programs; their place in the total program of education; the plan for vocational education in Hawaii. June 23 to July 13.

S 213 VOCATIONAL GUIDANCE, TRADE AND INDUSTRIAL. (2)

Mr. Ewing

Principles and problems of guidance with special reference to vocational education; data relating to requirements and opportunities for employment in various trades. June 23 to July 13.

S 223 IMPROVEMENT OF INSTRUCTION IN BUSINESS EDUCATION SUBJECTS. (2)

Mr. Wanous

A critical evaluation of content, methods, and visual aids in the business subjects. The course includes a discussion of the aims and content of the subjects along with plans and techniques for organizing and teaching. June 23 to July 13.

- S 224 RECENT DEVELOPMENTS IN BUSINESS EDUCATION. (2) Mr. Wanous  
 For teachers interested in evaluating instructional practices in terms of recent research in business education. Course content, prognosis, standards of achievement, error analyses, transfer of training, remedial devices, measurement, and related topics considered. June 23 to July 13.
- S 225 SCHOOL PUBLICATIONS. (2) Mr. Chun  
 The educative and public relations aspects of school publications; mimeographed school newspapers on elementary and secondary levels; the printed newspaper; problems of publication, advertising, format, finances, circulation; bulletins for parents; annuals and yearbooks, with emphasis on inexpensive publications. June 23 to July 13.
- S 226 SOCIAL STUDIES, ELEMENTARY. (2) Miss Porter  
 The scope and organization of social studies in all grades of the elementary school; units of instruction; utilization of community resources; not open to students who have credit in Education 240, Social Studies and Science, Elementary.
- S 261 TESTS AND MEASUREMENTS. (3) Mr. Stoops  
 Theory and techniques of evaluation in education; practice in the use of testing devices. Laboratory fee \$1.00.
- S 281 PRINCIPLES OF EARLY CHILDHOOD EDUCATION. (5) Miss Gardner  
 A survey of the principles of early childhood education for teachers with less than professional certification. Credit applies toward Territorial-teaching certificate, but not toward Ed.B.; may not be taken for credit by persons who already have credit in Education 283-284, Preschool-Primary Education.
- S 287 AUDIO-VISUAL EDUCATION. (2) Mr. Chun  
 Theory, preparation, and use on all school levels of sensory aids to learning. Laboratory fee \$3.00. July 14 to August 3.
- S 292(6) WORKSHOP IN PARENT EDUCATION. (4) Mr. Eckert  
 The role of the family in the education of the child; principles and techniques of effective co-operation between school and home; the function of the Parent Teacher Association and other organizations; designed for parents, community leaders, and teachers. June 23 to July 20.
- S 292(7) WORKSHOP IN TEACHING ARITHMETIC. (5) Mr. Brueckner  
 Establishing arithmetic concepts on all levels of the school; developing facility in computation based on understanding of the fundamental processes; the language of arithmetic; use of diagnostic tests; arithmetic for accelerated and retarded pupils; means for relating arithmetic to pupils' other experiences.
- S 326 ADMINISTRATION OF THE SECONDARY SCHOOL. (2) Mr. Everly  
 The major problems in the organization and administration of the modern intermediate and senior high schools; curriculum improvement, schedule making, pupil and staff personnel, school plant, business and finance, public relations.
- S 340 PHILOSOPHY OF EDUCATION. (3) Mr. R. Johnson  
 Philosophy and science in education; social, psychological, and ethical considerations essential to the development of a philosophy of education; implications of philosophical viewpoints for policy in education.

S 350 HISTORY OF EDUCATION. (2)

Mr. R. Johnson

Survey of the history of educational thought and practice as a basis for the study of modern school problems.

S 362 ORGANIZATION AND ADMINISTRATION OF GUIDANCE. (2) Mr. Froehlich

The organization and administration of guidance, as a part of student personnel services, so as to contribute most effectively to the school program, with special reference to the role of the administrator. Prerequisite: Psychology 254, Principles of Guidance, or Psychology 257, Principles of Counseling, or consent of instructor.

S 363 SEMINAR IN EDUCATIONAL ADMINISTRATION. (2) Mr. Stoops

Organization for public education; taxation; equalization; internal problems of school administration; personnel; pupil classification; records and reports. Restricted to administrators and prospective administrators. Prerequisite: Education 326, Administration of the Secondary School, or Education 327, Administration of the Elementary School, and consent of instructor.

S 364 TESTS AND INVENTORIES IN GUIDANCE. (2) Mr. Froehlich

Tests and inventories for measuring aptitudes, interests, attitudes, and modes of behavior; uses and limitations in counseling and guidance; administering scoring, and interpreting scores. Prerequisite: credit or concurrent registration in Education 261, Tests and Measurements, or Psychology 264, Psychological Measurements, or consent of instructor.

S 365 SEMINAR IN SUPERVISION. (3) Miss Porter

The supervisory work of the principal; the place of supervision; organization for supervisory service; techniques. Enrollment by consent of instructor.

S 380 RESEARCH AND THESIS WRITING. (3) Mr. Livesay

Research techniques and thesis development; designed to assist students in thesis preparation. Prerequisite: consent of department chairman or instructor.

S 390 PUBLIC SCHOOL ADMINISTRATION. (2) Mr. Everly

The function of the teacher in school administration; state and Territorial organization for administrative control of public education; rights and duties of teachers under Hawaiian school law and D.P.I. regulations; retirement system; teachers' organizations; financing public education.

### ENGINEERING

S CE 227 ROUTE SURVEYING. (3) Mr. Daniel and Mr. Evans

Principally field work; base lines, triangulation, curves, earthwork, grades, reconnaissance, preliminary surveys, route location, and design. Prerequisite: Civil Engineering 102. Laboratory fee \$2.00. August 23 to September 10.

S CE 251 STATICS. (3) Mr. Harloe

Stresses in joint structures; effect of forces on bodies at rest. Prerequisite: one semester of Physics 104.

### ENGLISH

S 101 COMPOSITION. (3) Mr. Bouslog and Mr. Frierson

Principles and practice of composition. For all students qualifying in entrance examinations.

S 101C COMPOSITION. (3) Mrs. Maney and Miss Derstine

Principles and practice of composition. Second semester's work.

- S 109 BUSINESS ENGLISH. (3) Mrs. Hall  
Theory and practice in forms of communication important in the modern business world: letters, reports, analyses, special studies, and records.
- S 150C INTRODUCTION TO ENGLISH LITERATURE. (3) Mr. Day  
A survey of English literature from the eighteenth to the twentieth century. Prerequisite: first semester's work.
- S 204 CURRENT ENGLISH. (2) Mr. Frierson  
A practical study of present-day tendencies and usages in pronunciation and grammatical practice; word derivation; shifts in meaning; and American variants.
- S 217 THE SHORT STORY. (2) Mr. Day  
A reading survey covering important mutations of the short story in English from Poe to the present.
- S 250 CHINESE LITERATURE IN ENGLISH. (2) Mrs. Chong  
Selections from classical and modern Chinese literature in English translation.
- S 261 NINETEENTH-CENTURY RUSSIAN FICTION. (2) Mrs. Embree  
A survey of the more important writers in English translation, particularly Pushkin, Gogol, Goncharov, Turgenev, Dostoevsky, and Tolstoi. No knowledge of Russian required.
- S 276 SHAKESPEARE. (2) Mr. Hard  
The comedies and histories.
- S 290 CONTEMPORARY BRITISH AND AMERICAN NOVELS. (2) Mr. Bouslog  
A study of influences on the novel since 1900, with emphasis on the work of Lawrence, Joyce, Huxley, Wolfe, Hemingway, Steinbeck, and Faulkner.
- S 311 SEMINAR IN ENGLISH LITERATURE. (2) Mr. Hard  
The poetry of Milton, with particular attention to the minor poems.

#### **GEOGRAPHY**

- S 245 A HISTORY OF GEOGRAPHICAL EXPLORATION. (2) Mr. Hall  
A survey of geographical exploration and discovery from classical times to the present. Course fee \$1.00.
- S 256 GEOGRAPHY OF JAPAN. (2) Mr. Hall  
The regional study of the geography of Japan. A detailed study of the people and resources of the land. Course fee \$1.00.

#### **GEOLOGY**

- S 162 VOLCANOLOGY. (2) Mr. Palmer  
Classification, eruptive types, products, structures, and distribution of volcanoes.

#### **GOVERNMENT**

- S 150 AMERICAN NATIONAL GOVERNMENT. (3) Mr. Tuttle  
The organization and functioning of the national government, protection of civil rights, the party system, principles of American democracy.

S 241 FOUNDATIONS OF DEMOCRACY. (2) Mr. Benson

Analysis of the political, economic, religious, and other factors essential to the successful operation of democracy and the development of political liberty; examples drawn from a wide variety of countries.

S 246 THE ORIENT IN WORLD POLITICS DURING THE TWENTIETH CENTURY. (2)  
Mr. Das

The introductory lectures will deal with world politics as influenced by foreign policies of great powers and nationalism in the Orient at the opening of the twentieth century. Attention will then be directed to such topics as the Open Door Policy in China, the Anglo-Japanese Alliance, the Russo-Japanese War, the Triple Entente and the Orient, the Young Turk Movement, German March to the Middle East, World War I and the Orient, the dismemberment of the Ottoman Empire, the Turkish and Persian Revolutions, nationalism in the Orient between World War I and World War II, the Orient and World War II, and the Orient after World War II.

S 257 CAMPAIGNS AND ELECTIONS. (2) Mr. Tuttle

The management and conduct of primary and general elections, with special attention to the techniques employed by candidates for public office. Field investigations are a part of the course.

S 261 INTERNATIONAL ORGANIZATION. (2) Mr. Jessup

Historical background; structures, procedures, and current political problems of the United Nations.

S 269 INTERNATIONAL LAW AND FOREIGN POLICY. (2) Mr. Jessup

Relation of international law to the realities of international politics; legal factors and governmental and administrative problems in the formulation and execution of foreign policy.

S 282 INTRODUCTION TO PUBLIC ADMINISTRATION. (2) Mr. Benson

Relationship of administration to policy-forming agencies; organization of administrative staffs; centralization of responsibility.

#### HEALTH AND PHYSICAL EDUCATION

S 110 SWIMMING FOR BEGINNERS. (1) Mr. Sakamoto

Open only to those who cannot swim at least 50 yards. Emphasis will be placed upon the development of the proper movements, breathing, and co-ordination necessary in the basic skills of swimming. Activities and locker fee \$3.00.

S 112 ADVANCED SWIMMING. (1) Mr. Sakamoto

For students who have met the basic requirements in swimming and desire to develop additional skills in swimming and diving. Activities and locker fee \$3.00

S 124 DANCES OF HAWAII. (1) Miss Gay and Mrs. Sharpe

This course is designed to acquaint the student with the background and fundamentals of the hula. Selected dances will be taught, with and without instruments. Activities and locker fee \$3.00.

S 237 EVALUATION IN HEALTH EDUCATION. (2) Miss Rathburn

Study of the processes involved in appraising the effectiveness of the health education program. Practice in the use and development of various evaluation instruments. June 23 to July 13.

- S 330 SEMINAR IN HEALTH EDUCATION. (2) Miss Rathburn  
Study and discussion of selected problems in health education as determined by individual and group interests and needs. July 14 to August 3.

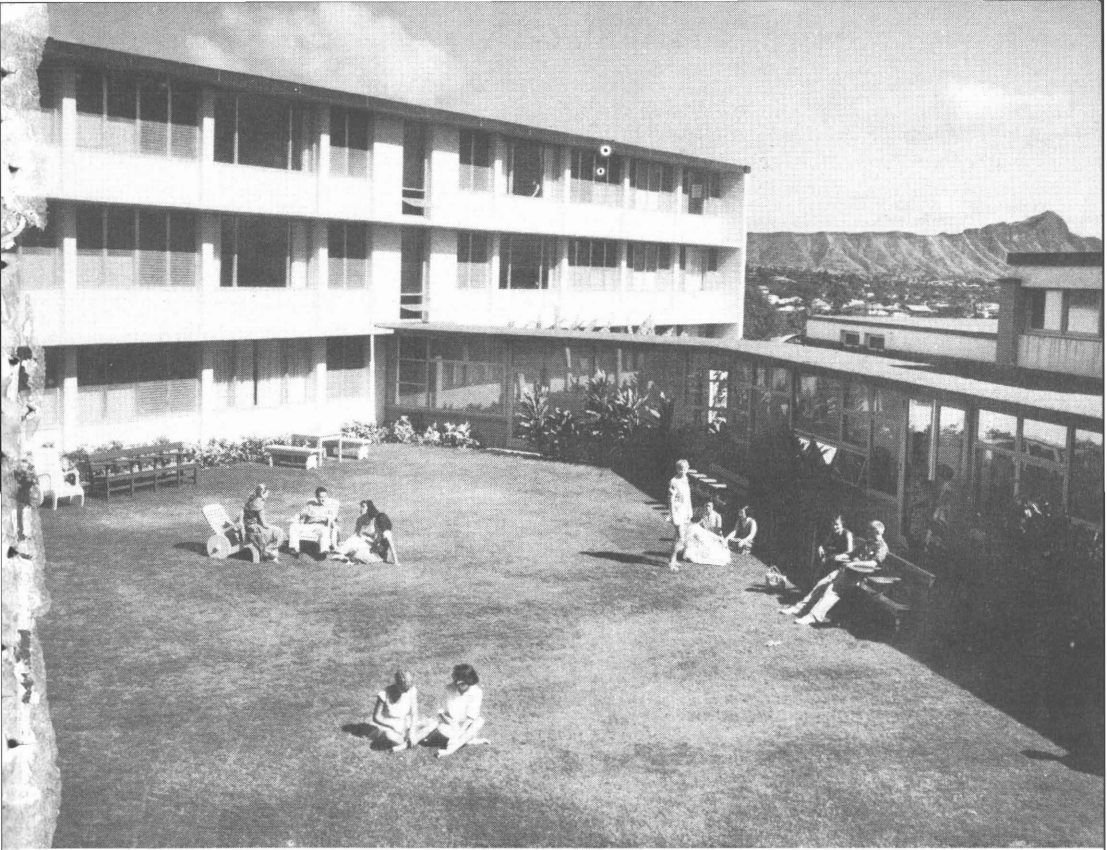
#### HISTORY

- S 110 INTRODUCTION TO AMERICAN HISTORY. (3) Mr. D. Johnson  
The religious, cultural, and social backgrounds of the American people.
- S 214 HISTORY OF SOVIET RUSSIA. (2) Mr. Marder  
A political, economic, social, and cultural study of Russia since the Bolshevik Revolution.
- S 238 HISTORY AND CIVILIZATION OF INDIA. (2) Mr. Das  
A study of the commercial and political activities of the European Powers in India, British rule in India, the rise of nationalism, the development of responsible government, the partition of India, the rise of Pakistan and the republic of India since 1947, and the place of India in world politics.
- S 243 HISTORY OF THE UNITED STATES IN MODERN TIMES. (2) Mr. W. Johnson  
Economic, political, and social developments during the twentieth century.
- S 245 RECENT DIPLOMATIC HISTORY OF THE UNITED STATES. (2) Mr. W. Johnson  
History of twentieth century American foreign policy.
- S 254 RECENT HISPANIC AMERICA. (2) Mr. D. Johnson  
Topical approach to contemporary problems in Middle and South America.
- S 258 EUROPE SINCE VERSAILLES. (2) Mr. Marder  
Problems of contemporary Europe with emphasis upon their historical background.
- S 291 CHINESE CIVILIZATION. (2) Mr. Lee  
A general survey of the origin and development of Chinese culture. July 14 to August 3.

#### HOME ECONOMICS

- S HE 202 FAMILY ECONOMICS AND CONSUMER EDUCATION. (2) Miss Douty  
From the viewpoint of home and family, the buyer considers his relation to the marketing system, information sources, and protective facilities. Evaluation of specific products in relation to family income. (This course may be substituted for HE 201 as a graduation requirement.)
- S HA 215 FUNDAMENTALS OF COSTUME CREATION. (2) Miss Douty  
Pattern making by blocking foundation pattern. Emphasis on aesthetics of design selection, interpretation of designs, and fitting of own patterns. Prerequisite: HA 150, 110, 111, or a credit course in clothing construction. (This course may be substituted for the first semester of HA 214.) Two hours laboratory daily.
- S HE 252 CHILD CARE AND DEVELOPMENT. (3) Miss Bennett  
Importance of the early years of childhood in the development of the individual. Emphasis is placed upon human growth and a constructive program of guiding young children in the home. Planned especially for Home Economics students. Prerequisite: Psychology 150 or 156 or equivalent.
- S HE 291 HOME MANAGEMENT HOUSE LABORATORY. (4) Miss Henderson  
Living with a group of students in a supervised house for six weeks; practical





Leisure hours at Frear Hall, women's residence, include relaxation on a sunny terrace within sight of Diamond Head and informal entertainment by Island residents.



application of training in home economics; meal preparation, time and money management, human relationships. Students share subsistence cost. Prerequisite: senior standing, consent of instructor.

#### MATHEMATICS

- S 150 PLANE TRIGONOMETRY. (3) Mr. Townes  
Prerequisite: two years of high school algebra; one year of plane geometry.
- S 151 COLLEGE ALGEBRA. (3) Mr. Comba and Miss Davis  
(2 sections)  
Prerequisite: two years of high school algebra; one year of plane geometry.
- S 152 PLANE ANALYTICAL GEOMETRY. (3) Mr. Comba  
Prerequisite: Mathematics 150; credit or concurrent registration in Mathematics 151.
- S 153 DIFFERENTIAL CALCULUS. (3) Mr. Townes and Mr. E. Coleman  
(2 sections)  
Prerequisite: Mathematics 152.
- S 260 INDUSTRIAL STATISTICS. (2) Mr. E. Coleman  
The use of statistics in industrial management.

#### MUSIC

- S 110 MUSIC APPRECIATION. (2) Mr. van Bronkhorst  
An introduction to music from the listener's point of view, with concentration on orchestral literature from the classical through the modern period. Emphasis on listening to recorded music. Course fee \$2.00.
- S 150 RUDIMENTS OF MUSIC. (2) Mr. Chapman  
The elements of musicianship covering terminology, notation, sight singing, and rhythmic and melodic dictation. A basic course for all prospective teachers.
- S 159 INSTRUMENTAL MUSIC. (2) Mr. van Bronkhorst and Mr. Chapman  
(2 sections)  
Intended for students preparing to teach instrumental music. Designed to give a basic knowledge of the instruments of the band and orchestra. Section 1, wind instruments; section 2, strings.
- S 209 UNIVERSITY CHORUS. (1) Miss Badger  
This course is designed to cover methods and choral materials for intermediate and senior high schools.
- S 210 UNIVERSITY A CAPPELLA CHOIR. (2) Miss Badger  
Laboratory course for music specialists involving technique and materials in choral methods for intermediate and high school groups.

#### APPLIED MUSIC

- S 101, S 102, S 103 CLASS INSTRUCTION. (1) Staff  
Class instruction in voice and piano. Two lessons per week (one hour each). Practice facilities in Music Building on campus. Course fee \$20.
- S 105, S 149, S 169, S 249, S 269, S 349 INDIVIDUAL INSTRUCTION. (1) Staff  
Individual instruction in voice, piano, organ, woodwinds, brass, and percussion at freshman, sophomore, junior, senior, and graduate levels. Course number assigned after auditions with Music Department staff members. Fifteen lessons during the period. Practice facilities in Music Building on campus. Course fee \$45.

## NURSING

### S 102 NURSING ARTS. (2)

Introduction to the comprehensive care of the hospitalized patient. Nutritional, postural, emotional, and health education needs of patients and the performance of nursing functions to meet these needs. Practice in simple nursing care situations in hospitals, homes, and institutions.

### S 200 PSYCHIATRIC NURSING. (8)

Study of the causes, manifestations, treatment, and nursing needs of the mentally ill. Consideration of psychological factors in other types of illness and the close relationship between mental and physical factors. Supervised practice in the nursing care of persons with mental illness. June 23 to August 17.

### S 210 TUBERCULOSIS NURSING. (8)

The study of tuberculosis as a communicable disease and methods of prevention, early detection, treatment, patient education, nursing care, and rehabilitation. Practice in comprehensive care of patients, including out-patient and home follow-up. July 6 to August 28.

### S 290 FIELD WORK IN PUBLIC HEALTH NURSING. (8)

Instruction and guided experience in home visiting for bedside and instructive care, in school health work, in maternal and child health conferences, and in chest and other clinics. Open only to qualified public health nursing students. June 23 to September 1.

## PHILOSOPHY

### S 100 INTRODUCTION TO PHILOSOPHY. (3)

Mr. Nagley

The problems, methods, and fields of philosophy.

### S 210 CONTEMPORARY PHILOSOPHY. (2)

Mr. Nagley

A study of recent developments in European and American philosophy. Prerequisite, one of the following: Philosophy 100, 150, 151, 252.

## PHOTOGRAPHY

### S 100 PRINCIPLES OF PHOTOGRAPHY. (3)

Mr. Britten

The science of photography. The camera, its construction and use; image formation; lenses, their characteristics and aberrations; shutters; film construction and use, both color and black and white; choice of film; filters and their use; processing of films; printing by contact and projection. Lectures; demonstrations. Students are required to have a camera. Course fee \$1.00. July 14 to August 3.

## PSYCHOLOGY

### S 150 GENERAL PSYCHOLOGY. (4)

Mr. Weaver

A survey of the facts and principles fundamental to human behavior and experience. Individual differences, personality, motivation, emotion, sensation, perception, learning, and thinking. Lecture and laboratory. Laboratory fee \$1.00.

### S 185 DEVELOPMENTAL PSYCHOLOGY. (3)

Mr. La Fon

Emotional, mental, physical, and social development of the child from infancy through adolescence; interests and abilities at the different age levels.

S 252 PSYCHOLOGY OF RACE. (2) Mr. Vinacke

Factors associated with human differences in ancestry. Principles and research bearing upon attitudes, personality, intelligence, and interpersonal relations (including tension and conflict, communication, problem solving). An attempt to place race in social psychological perspective.

S 280 SOCIAL PSYCHOLOGY. (2) Mr. Vinacke

The psychology of human relations; psychological factors that determine the behavior of an individual in his social relationships.

S 283 PSYCHOLOGY OF PERSONALITY. (3) Mr. Bernreuter

The development of personality; components of personality; critical evaluation of research on various aspects of personality.

S 292 MENTAL HYGIENE. (2) Mr. Bernreuter

Conditions requisite to mental health and satisfactory social adjustment; causes and means of preventing maladjustments and neuroses.

S 351 ADVANCED EDUCATIONAL PSYCHOLOGY. (3) Mr. White

Application of experimental evidence in psychology to major educational problems; the bearing of recent psychological theories upon education.

#### RELIGION

S 215 HISTORICAL DEVELOPMENT OF THE BIBLE. (2) Mr. Ching

Survey of the present knowledge of the origin and development of the English Bible in the light of historical, archaeological, and literary research.

S 241 ORIENTAL RELIGIONS. (2) Mr. 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. June 23 to July 13.

S 250 RELIGIONS OF HAWAII. (2) Mr. Ching

A comparative study of the history and the present cultural aspects of the main religions active in American life today. Attention will be directed especially to the religious forces most significant in Hawaii, including Christianity, Buddhism, Confucianism, Taoism, and syncretistic developments such as "Seicho-no-Ie."

#### SOCIAL WORK

S 200 THE FIELD OF SOCIAL WORK. (2) Mr. T. Coleman

A nonprofessional orientation course intended to acquaint the student with the philosophy, scope, and aims of social work. Prerequisite: junior standing. June 23 to July 13.

S 310 DYNAMICS OF HUMAN BEHAVIOR. (2) Mr. T. Coleman

Personality growth and development from infancy through old age. Interpretation of the individual's behavior in the light of physical, psychological, and social factors which have contributed to his maladjustment. Open to social workers, teachers, and other qualified persons. July 14 to August 3.

#### SOCIOLOGY

S 151 INTRODUCTION TO THE STUDY OF SOCIETY. (3) Mr. Yamamoto

An orientation course. The basic social relationships and the corresponding social structures.

- S 256 RACE AND CULTURE CONTACTS IN HAWAII. (2) Mr. Yamamoto  
 The dominant conceptions of race and race relations in Hawaii and an analysis of the principal factors affecting them. Problems of culture contacts in a commercial and plantation frontier.
- S 258 RACE RELATIONS IN THE UNITED STATES. (2) Mr. Dai  
 The sociological significance of race and race relations in the U.S.; typical situations and processes; conflict and accommodations; race prejudice; miscegenation; effects of race relations upon personality.
- S 269 PERSONALITY AND CULTURE. (2) Mr. Dai  
 The origin and development of personality as the subjective aspect of culture; the function of communication; human nature and the mores; personal life organization.
- S 350 RACE RELATIONS SEMINAR. (2) Mr. Hormann  
 An investigation of the principal hypotheses and the current research regarding race relations in world perspective.

#### SPEECH

- S 102 THIRD SEMESTER SPEECH. (1) Mrs. Carr  
 Developing oral skill through effective use of English speech sounds, rhythms, and idiom. Conferences required. Course fee \$2.00.
- S 120 ENGLISH SPEECH FOR FOREIGN STUDENTS. (2) Mrs. Carr  
 Activities in speaking, reading, and listening especially designed to meet the particular needs of the foreign student by modern linguistic techniques. Additional individual help through co-operation with Speech 265. Course fee \$1.00.
- S 150 PUBLIC ADDRESS. (2) Mr. Lefforge  
 Study of and practice in using basic principles of speech preparation and presentation. Special attention to individual problems.
- S 204 VOICE TRAINING FOR SPEECH. (2) Mr. Nelson  
 Study and application of basic principles of voice production for improved speaking. Special attention to individual problems such as nasality, breathiness, monotony, etc.
- S 224 SPEECH AND HEARING. (2) Mrs. Krantz  
 The nature of hearing and its effect on speech. Pertinent fundamentals of audiology, audiometry, residual hearing, etc. Training in use of audiometric equipment.
- S 225 READING CLINIC FOR TEACHERS. (3) Mrs. Webster  
 Survey of experimental investigation in remedial reading. Diagnostic procedures for nonreaders as well as delayed readers from grades 3 to 12. It will provide remediation for children and training for remedial procedures for teachers.
- S 265 SPEECH FOR THE CLASSROOM TEACHER. (2)  
 Elementary Teacher section Mrs. Krantz  
 Secondary Teacher section Mr. Nelson  
 The teacher's total speech behavior in the teaching situation. Integration of speech improvement techniques and procedures with all classroom activities, emphasizing speech problems in Hawaii.
- S 292(2) WORKSHOP IN SPEECH CORRECTION. (2) Mrs. Webster  
 Lesson planning for individual and group work; forms and practices in hospital and public school programs.

## SURVEY

- S 100 A SURVEY OF THE PHYSICAL SCIENCES. (3) Mr. Palmer  
Items from various fields of physical science selected to illustrate what is known and how it has been learned. This is essentially equivalent to the work of the first semester of the regular session.

## ZOOLOGY AND ENTOMOLOGY

- S 191 ELEMENTARY HUMAN ANATOMY AND PHYSIOLOGY. (3) Mr. Hsiao  
A general survey of the gross anatomy and physiology of the human body. Lecture-demonstration periods. Laboratory fee \$3.00. Not open to students who have had Zoology 291.
- S 192 ELEMENTARY HUMAN ANATOMY AND PHYSIOLOGY LABORATORY. (1) Mr. Hsiao  
Required of students in the School of Nursing registered in S 191. Laboratory fee \$5.00.

## COURSES OFFERED AT HILO BRANCH

- ART S 292(1) WORKSHOP IN ART EDUCATION. (3) Mr. Pohl  
Workshop for elementary school teachers; experience in various media; standards of taste; use of inexpensive materials and improvised equipment; relation of art experience to other school experiences of children. Studio fee \$5.00.
- ART S 292(2) ADVANCED WORKSHOP IN ART EDUCATION. (2) Mr. Pohl  
Further development of concepts and techniques covered in Art S 292(1); wire sculpture; mobiles; woodwork appropriate to elementary classrooms; rhythm band instruments; native materials in art work centered on holiday themes. Prerequisites: Art S 292(1) or equivalent, and consent of instructor. Studio fee \$3.00.
- EDUC S 328 SUPERVISION OF INSTRUCTION. (2) Mr. Martin  
Principles underlying supervision, methods of supervision, in-service training of teachers, teacher evaluation, teachers' meetings, development of group leadership, skill in human relations.
- EDUC S 329 CURRICULUM CONSTRUCTION. (2) Mr. Martin  
Principles underlying curriculum construction at all levels, developing resource units, locating appropriate curriculum materials, methods of curriculum revision.
- ENGLISH S 101 COMPOSITION. (3) Mrs. Brown  
Principles and practice of composition.
- HISTORY S 110 INTRODUCTION TO AMERICAN HISTORY. (3) Mr. Inouye  
The religious, cultural, and social backgrounds of the American people.
- HPE S 124 DANCES OF HAWAII. (1) Mrs. Kuamoo  
This course is designed to acquaint the student with the background and fundamentals of the hula. Selected dances will be taught, with and without instruments. Activities and locker fee \$3.00.
- SPEECH S 100 FUNDAMENTALS OF SPEECH. (1) Mrs. Brown  
A general introduction to speech as social control. Information concerning speech and speech production; discussion of standards of acceptable student practice in speech performance.

**HILO POSTSESSION**

PSYCHOLOGY S 351 ADVANCED EDUCATIONAL PSYCHOLOGY. (3) Mr. White  
Application of experimental evidence in psychology to major educational problems; the bearing of recent psychological theories upon education. August 5 to 25.

---





