University of Hawaii

SUMMER SESSION BULLETIN

June 27 - August 7, 1956
E_very university has an area which receives special emphasis. At the University of Hawaii such an area has been predetermined by geographic and economic considerations. Hawaii is located midway between East and West, at the center of a web of shipping lanes, air lines, and communication channels which are symbolic of cultural ties with the countries bordering the Pacific. Added to the native Hawaiian population are the descendants of Asian and Caucasian peoples from many countries.

The University is alert to the importance of East-West intercultural exchange, and feels it is in a position to make significant contributions in the area. This special field of interest is reflected in the Summer Session course offerings relating to the political, economic, and social institutions of the Far East, and the culture of Polynesia. The University faculty includes resident and visiting authorities in these areas.

Among other subjects dictated by our geographical location are marine biology, tropical agriculture, and work in painting, ceramics, and textiles which emphasize Hawaiian and Pacific design.

Study at the University is enriched by close association with such institutions as the Pacific and Asian Affairs Council, the Bernice P. Bishop Museum, and the Honolulu Academy of Art, which are deeply concerned with the political relations, the anthropology, and the art of the Pacific and the Orient.

Each year an increasing number of students has become aware of the opportunities offered by summer study for college credit at the University of Hawaii, together with enjoyment of scenic spots throughout the Islands, such as Oahu's Waikiki, Kilauea Volcano on Hawaii, Maui's crater of Haleakala, and Waimea Canyon on Kauai. This combination of travel, study, and recreation is briefly summarized in a ten-minute, 16 mm., sound and color film, *Sun, Surf, and Study*, which is available in Honolulu and the continental United States.
This form when properly signed and impressed with the institution's seal may be submitted in lieu of official transcripts by:

1. College graduates.
2. Students in good standing at other collegiate institutions.
3. Students who have been accepted for admission by other collegiate institutions and who expect to attend the University of Hawaii during the summer session only.

Other persons, including high school graduates entering college for the first time, should write to the Director of Admissions, University of Hawaii, for information on admission procedures.

Name of Student

___is a graduate of this College (or University).

___is a student in good standing at this institution.

___has been accepted for admission to this institution.

Signed: ____________________________
Registrar or Dean

______________________________
College or University

Seal of Institution

Date: _______________________________
Thirtieth Annual
SUMMER SESSION
Honolulu and Hilo
1956

Calendar

Regular Session

June 27, Wednesday ............................ Registration
June 28, Thursday ................................ Classes begin
August 7, Tuesday .............................. Regular session ends

Postsession

August 8, Wednesday ............................ Registration
August 9, Thursday .............................. Classes begin
August 28, Tuesday .............................. Postsession ends

UNIVERSITY OF HAWAII BULLETIN
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Residents of Mary Dillingham Frear Hall are shown in one of the attractively furnished lounges. The Hall, campus residence for women, accommodates 144 students.
SUMMER SESSION
1956

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GENERAL INFORMATION

The University of Hawaii is located in Honolulu, on the island of Oahu. It lies in beautiful Manoa Valley, some two miles from Waikiki Beach and three miles from downtown Honolulu.

The University, established in 1907, is accredited by the Western College Association and is comparable to land-grant state universities. In the fall semester of the 1955–1956 academic year the University had an enrollment of approximately 5,500 students.

In the 1955 summer session some 4,000 students were registered, including 954 students from continental United States. Summer session enrollment has grown steadily year after year, and course offerings are being increased annually to keep pace with this growth. Eminent visiting professors are invited each year to augment the resident faculty, and students are offered a wide range of subjects from which to select their courses. Distinctive offerings include courses on Pacific and Asian subjects in various curricular disciplines.

Summer Session Housing. Frear Hall, modern residence for women, accommodates 144 students, and is available for regular summer session housing for graduate and undergraduate students. Each attractively furnished room has a sweeping view of the mountains or the sea. All rooms are double. Rates are $60.00 per person for the session. Hale Laulima, a small dormitory with 14 single and two double rooms, is available to graduate students. Rates are $60.00 each in doubles, $75.00 in singles. To be eligible for either dormitory, a student must register for at least three hours of credit. Courses audited will not meet this requirement. Only Hale Laulima is available during Postsession. Rates are $35.00 each in doubles and $45.00 in singles. Application for residence should be addressed to the Director of Student Residences, 126 Administration Building, University of Hawaii, Honolulu 14, Hawaii.

Comfortable accommodations are available for men in Atherton House, which is adjacent to the campus and owned and operated by the YMCA. For information, write to the Director, Charles Atherton House, 1810 University Avenue, Honolulu 14, Hawaii.

The snack bar in Frear Hall serves dinner every evening except Sunday, and breakfast every morning. Meals are not served at Atherton House. Both dormitories are within easy walking distance of the University cafeteria, which serves reasonably priced breakfasts and lunches Monday through Saturday. Also, there are restaurants nearby. Students should plan for a minimum of $2.00 per day for food.
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 file 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 $35.00 a month for a room and $85.00 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 to the Hawaii Visitors Bureau, 2051 Kalakaua Avenue, Honolulu, Hawaii.

Transportation. Hawaii is served by Pan American World Airways, United Air Lines, Northwest Airlines, Inc., and British Commonwealth Pacific Airlines, Ltd. The fare on any of the regular flights from San Francisco, Los Angeles, and Seattle is $319.00 plus tax round trip, or $168.00 plus tax one way. Tourist fare on regular scheduled carriers is $250.00 plus tax round trip, or $125.00 plus tax one way. Transocean Air Lines operates non-schedule flights with the fare at $218.00 plus tax round trip, or $109.00 plus tax one way.

Steamship service is provided by Matson Navigation Company and American President Lines, Ltd. Minimum steamer fares are $260.00 plus tax round trip, or $145.00 plus tax one way.

Study tours organized by mainland tourist agencies are brought to the Islands each summer. The names of such agencies may be obtained from the office of the Dean of Summer Session, University of Hawaii, Honolulu 11, Hawaii.

The University is located on a bus line to the center of town, with connecting lines to Waikiki. During the period of the summer session bus lines operate directly from the University to the Waikiki district.

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

Part-Time Employment Opportunities. Persons planning to attend the summer session are advised that there are no opportunities for part-time employment during the summer period.

Cultural Opportunities. Museums, temples, theatres, restaurants, and parks offer a wide range of programs featuring our multiplicity of ethnic groups. A feature of the summer session is the series of Bon Dances staged by members of the Buddhist community in various parks and playgrounds.

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

Student Activities. A stimulating and entertaining series of events will be sponsored by the University as part of the summer session. An
activity fee of $1.00 will be charged all students registered in the summer session; a summer session activity card will be distributed to the student on registration day. The fee will entitle each student to attend the social events, the special lecture series, the play, the educational and pleasure tours and other University sponsored activities.

Hemenway Hall, the college union building, will be available each Monday through Friday morning; its services, included in the activity fee, will be a daily Carnegie Concert, current periodicals and local newspapers, table games and ping pong. Lounges and meeting rooms, a barbershop and the cafeteria are, also, located in the union building.

The University’s summer activity program does not compete with the many excellent community tours and events which the students are urged to enjoy. The University summer activity fee covers only the activities planned and sponsored by the school.

There will be no program of special events in the Postsession. Consequently, no activity fee will be charged.

**Theatre Production.** The Department of Drama and Theatre will offer a Summer Theatre production during the fifth week of the session. Backstage work on this production is open to all summer students, but those with a special interest in staging, lighting, costumes, or properties, should see course S 200 under the Department of Drama and Theatre.

**Admission.** Candidates for admission must present satisfactory evidence of ability to do university work. Graduate students and students in good standing at colleges or universities other than the University of Hawaii may submit either a transcript of their college records or a special printed form properly filled out by the Registrar or Dean of their institution. Copies of this form may be obtained from the office of the Dean of Summer Session. One is enclosed with each catalogue sent to a person outside Hawaii. High school graduates who have been granted admission by an accredited college or university may submit the aforementioned form. Others entering college for the first time should write to the Director of Admissions of the University of Hawaii for information as to entrance examinations and other procedures.

**Registration.** Regular registration will take place on Wednesday, June 27. Students will register according to the following time schedule: those whose last names begin with the letters A through G, at 8:00 A.M.; H through L, at 9:30 A.M.; M through S, at 11:00 A.M.; and T through Z, at 1:00 P.M. Students will be issued registration materials at these stated times in the Chemistry Building. Registration for the Postsession will take place on Wednesday, August 8.

The University of Hawaii is authorized to enroll veterans under Public Laws 346 and 550. Students registering for the first time under these Laws should bring with them either their Certificate of Eligibility and Entitlement, or their Certificate for Education and Training.
Late Registration. On June 28 and June 29, students may register in courses only with the consent of the dean of the college concerned; after June 29 and prior to July 3, registration will be permitted only with the approval of both the college dean and the instructor concerned. From July 4, students may not register for credit but may be admitted as auditors with the consent of the dean of the college and of the instructor concerned. No late registration for the Postsession is permitted after August 10, except as auditors.

Student Programs. Student programs in the regular summer session are ordinarily limited to a maximum of six credit hours. However, in exceptional cases, seven credit hours may be carried by a student in good standing provided he obtains the consent of the dean of his college. Eight credit hours may be carried only by a student who needs that number of credits to complete his requirements for a bachelor's degree or a certificate at the end of the summer session.

During the Postsession, student programs are limited to four credit hours.

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, as 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 regular summer session may obtain a 100 per cent refund until 4:00 p.m., Tuesday, July 3, and 50 per cent thereafter until 4:00 p.m., Friday, July 6. After July 6 no refunds will be made.

During the Postsession, a student may obtain a full refund until 4:00 p.m., Friday, August 10, and 50 per cent thereafter until 4:00 p.m., Monday, August 13.

HILO BRANCH SUMMER SESSION

The University of Hawaii offers a limited number of summer session and postsession courses at the University of Hawaii Hilo Branch, located in the town of Hilo, on the island of Hawaii, some 200 miles from Honolulu. The courses that will be offered in Hilo during the 1956 Summer Session are listed in this catalogue. All rules and regulations with respect to admission, 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 Office of the Director of Admissions and Records. 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 stated.

ANTHROPOLOGY

S 150  INTRODUCTION TO STUDY OF MAN  (3)  Mr. Gillin
An introduction to the changing cultures and physical characteristics of nonliterate peoples as an aid to better understanding of current problems in human relations.

S 290  CULTURE AND PERSONALITY  (2)  Mr. Gillin
A scientific analysis of the influence of cultural forms on the individual in our own and other societies, considered from the anthropological, psychological, and clinical points of view.

ART

S 140  ART APPRECIATION  (3)  Mr. Turnbull
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)  Mr. Kingrey
Background material and studio practice to stimulate understanding of the arts. Lectures, museum visits, and studio work. Studio fee $1.00.

S 150  DESIGN  (2)  Mr. Kingrey
Elements of design and composition; study of line, mass, pattern, color, and texture. Lectures and studio problems. For Art majors and others interested in practice of the visual arts. This course, or
the equivalent in experience, is prerequisite to all advanced study. Studio fee $1.00.

**S 157 DRAWING AND PAINTING (2)**

Mr. Hansen

(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 BEGINNING CERAMICS (2)**

Mrs. McVay, Miss Kang

(3 sections)

Building pottery forms by hand; ceramic sculpture and decorative techniques. Lectures and studio work. Studio fee $10.00 to cover materials and firing costs.

**S 161 ADVANCED CERAMICS (2)**

Mrs. McVay

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 $10.00 to cover materials and firing costs.

**S 176 WEAVING (2)**

Miss Kang

Introduction to the creative processes of weaving. Lectures, experimentation, and practical design experience. The making and using of simple hand looms as well as a study of the multiple harness loom. Class limited to available number of looms. Studio fee $7.50 to cover cost of materials used.

**S 180 OIL PAINTING (2)**

Mr. Turnbull

Study of form, color, and design in oils. Prerequisite: Art 150-151 and 154-155, or consent of instructor.

**S 255 MODERN ART AND ITS ORIGINS (ARTS OF THE PACIFIC) (2)**

Mr. Cox

Discussion and analysis of inspiration, theory, and practice in the visual arts, integrating expressions of non-literate peoples with modern forms, with special study of an emphasis upon the Arts of the Pacific Region. Course fee $2.00.

**S 265 WATERCOLOR PAINTING (2)**

Mr. Cox


**BACTERIOLOGY**

**S 140 APPLIED MICROBIOLOGY (2)**

Mr. Shirakawa

A survey of the principles of modern microbiology and of their application in agriculture, industry, food technology, medicine and public health, and other aspects of the modern world. A knowledge of general chemistry would be helpful but is not required. This course may not be used as a prerequisite to other courses in Bacteriology. Lectures and demonstrations.
Dances of Hawaii, Health and Physical Education Course 124, is popular with summer students. Class members proudly exhibit their skill with puilis (bamboo sticks).

Below: Students find the ceramics laboratory an outlet for their creative ability as they design, sculpture, and decorate pieces of their choice.
BOTANY

S 110 PLANTS AND MAN (2) Mr. Girolami
The influence of a dozen important plants upon man and man upon plants. The development of such plants as corn, wheat, rice, cotton, etc. The story of how plants have affected civilization.

S 154 PRINCIPLES OF GENETICS (2) Mr. Bernatowicz
Fundamentals of genetics; the physical basis of the inheritance of characters and variations in plants and animals. Prerequisite: one semester of biological science.

S 181 PLANTS AND THE SEA (2) Mr. Bernatowicz
The shore plants, the algae, and especially the part they play in the productivity of the sea. Marine field trips.

BUSINESS

S 256 INCOME TAX PROBLEMS (3) Mr. Glover
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 261 COLLECTIVE BARGAINING (3) Mr. Roberts
The underlying principles and concepts of collective bargaining and the collective bargaining agreement. Sample contracts examined and analysis made of the main provisions of agreements, including union status, general wage provisions, grievance machinery, seniority, contract enforcement, and other sections of the agreement.

S 296 GOVERNMENTAL ACCOUNTING (2) Mr. Glover
Essential principles and peculiarities of accounting as applied to municipalities and other governmental units; classification of accounts, budgetary procedure, fund accounting, assets, liabilities, cost accounting, and financial reporting. Prerequisite: Business 151.

CHINESE

S 250 CHINESE LITERATURE IN ENGLISH (2) Mrs. Chong
A survey of Chinese literature from the earliest times to the present; emphasis will be placed upon Chinese culture as seen in literature. Special consideration will be given to poetry, especially that of the Wei-Chin Six Dynasties and T'ang period. Knowledge of the Chinese language is not necessary for this course.

DRAMA AND THEATRE

S 200 THEATRE PRACTICE (2) Mr. Angus
Supervised work in the arts and crafts of the theatre, principally in staging, lighting, properties, and costumes. The student will spend a minimum of eight hours weekly in the theatre; some reading, and a final report. Coordinated with the Summer Theatre production.
S 230 DIRECTION (2)  Mr. Angus
Readings, reports, discussion of the theory and practice of stage direction. Coordinated with the Summer Theatre production.

S 292 WORKSHOP IN CREATIVE DRAMATICS (4)  Miss Kayser
An intensive study of dramatic activities for children. Primarily designed for elementary school teachers using drama in the classroom, particularly to motivate interest in other subjects and to assist in developing the child. Demonstrations, projects, and work sessions.

ECONOMICS

S 140 INTRODUCTION TO ECONOMICS (3)  Mr. Bell
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 150 PRINCIPLES OF ECONOMICS (3)  Mr. Pendleton
Principles underlying consumption, production, exchange, and distribution of wealth; analysis of important current economic problems.

S 256 MONEY AND BANKING (2)  Mr. Bell
Nature and history of money and of banking; characteristics of credit; monetary system of the United States; monetary standards; value of money; relation of money and credit to prices; banking system of the United States, including commercial banks, trust companies, savings banks, and related savings institutions.

S 265 GOVERNMENT AND BUSINESS (2)  Mr. Mund
Ways in which business and economic life are affected by government; government aids to business, regulation of business organization and combination, conservation of natural resources, price control, and government ownership.

S 281 LABOR PROBLEMS (2)  Mr. Pendleton
A study of wages, hours, working conditions, employment, superannuation, substandard workers, and other important problems common to all labor. Special attention to an analysis of the fundamental factors affecting wage levels.

S 285 INTERNATIONAL TRADE AND FINANCE (2)  Mr. Mund
Theory of international trade, foreign exchange rates, balance of payments equilibrium, and commercial policy, with emphasis on recent events. Attention to practical aspects of importing and exporting. Prerequisite: Economics 256 or consent of instructor.

EDUCATION

S 200 DEVELOPMENT OF SHOP AND CLASSROOM CURRICULA (2)  Mr. Ewing
The development of curricula for shop courses to make classroom subjects meaningful; utilizing classroom concepts as basis for skill appreciation and accurate manual manipulation.

S 209 Correlation of Shop and Classroom Instruction (2) Mr. Ewing
The correlation of shop activities with the logical sequence of classroom instruction.

S 258 Materials and Methods of Instruction (3) Mrs. Fitzsimmons
Materials and methods of teaching the language arts (reading, writing, speaking), arithmetic, social studies, and science in grades two to six. Credit applies toward teacher's certificate, but not toward Ed.B.; may not be taken for credit by persons who already have credit in Education 240, 241, and 243.

S 260 English in the Elementary School (2) Mr. Fitzsimmons
Special problems in teaching spelling, language usage, grammar, and creative writing. This course for in-service teachers parallels 243 for prospective teachers; credit may not be earned in both courses.

S 261 Tests and Measurements (3) Mr. Gustafson
Theory and techniques of evaluation in education; practice in the use of testing devices. Laboratory fee $8.00, including $7.00 for the National Teacher Examination.

S 262 Creative Art, Elementary (2) Mr. Kamelgarn
Individual and group projects to promote understanding of the creative use of art materials, tools, ideas, and their sources. Work in paint, clay, wood, etc. Studio fee $5.00. Prerequisite: Art 142-143; credit or concurrent registration in Education 285-286.

S 264 Art Fundamentals for the Teacher (2)
Introduction to art media for the teacher, place of art in society and the school, development of art principles through art activity, organization of children's art materials.

S 267 Occupational Information in Guidance (2) Mr. Fick
Occupational research and survey techniques; sources of materials; use of occupational information in vocational guidance and placements; correlation with other school subjects.

S 269 Problems of School Adjustment (2) Mr. Fick
Principles of behavior which affect human relationships in the school, with emphasis upon application to actual situations. Prerequisite: senior standing in Teachers College and consent of instructor.

S 273 Principles of Group Dynamics (2) Mr. Dickerman
Discussion of the principles of group dynamics as applied to such groups as committees, staff meetings, and conferences, and to such processes as consulting, supervision, teaching, and group discussion.
S 278 Adult Education Methods (2) Mr. Dickerman
Includes information, demonstrations, and practice in procedures for working with adults; committees, conferences, consulting discussion groups, large meetings, supervision and teaching.

S 280 Principles of Elementary Education (4) Mrs. Jenkins
A survey of the principles of elementary education for teachers with less than professional certification. Credit applies toward certificate, but not toward Ed.B.; may not be taken for credit by persons who have credit in Education 285–286.

S 281 Principles of Early Childhood Education (5) Miss Balsbaugh
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 288 Mathematics in the Upper Grades and Intermediate School (2) Mr. McSwain
The sequence of arithmetic learnings subsequent to mastery of the fundamental processes; concepts and applications; "general mathematics" courses; the place of arithmetic in other intermediate school courses.

S 292 (14) Workshop in Teaching of Science (5) Mr. Piltz
Ways in which the curriculum of the elementary and secondary schools can utilize and incorporate recent scientific developments; examination of existing and preparation of new curricular materials; evaluation of newer teaching techniques; discussion of trends in science education; analysis of essential equipment and supplies for science classrooms.

S 292 (15) Workshop in Teaching of Social Studies (5) Mr. Smith
Organization for the teaching of social studies in the elementary and secondary schools, evaluation of newer teaching methods, preparation of resource and teaching units, survey of social studies materials appropriate for the various grade levels.

S 321 Evaluating the Elementary School Curriculum (2) Mr. McSwain
Principles and techniques for appraising the effectiveness of curriculum practices in relation to aims and policies of the elementary school; theoretical instruction and practical application to problems chosen from schools in which members of the class are teachers. Prerequisites: teaching experience.

S 322 Extra-Class Activities in Secondary Schools (2) Mr. Olson
Planning and supervising student government, dramatics, athletics, school journalism, campaigns and contests, and other out-of-class activities to secure optimum educational values.
S 328 SUPERVISION OF INSTRUCTION (2)  Mr. Everly
Principles underlying supervision, methods of supervision, in-service training of teachers, teacher evaluation, teachers' meetings, development of group leadership, skill in human relations.

S 329 CURRICULUM CONSTRUCTION (3)  Mr. In
Principles underlying curriculum construction at all levels, developing resource units, locating appropriate curriculum materials, methods of curriculum revision.

S 334 SCHOOL-COMMUNITY RELATIONS (2)  Mr. In
Principles underlying effective cooperation between the school and other forces in the community; techniques for effecting this cooperation; planning and reporting around specific problems. Enrollment limited to teachers in service.

S 340 PHILOSOPHY OF EDUCATION (3)  Mr. Ellis
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. Ellis
Survey of the history of educational thought and practice as a basis for the study of modern school problems.

S 363 SEMINAR IN EDUCATIONAL ADMINISTRATION (2)  Mr. Melbo
Organization for public education; taxation; equalization; internal problems of school administration; personnel; pupil classification; records and reports. Restricted to administrators and prospective administrators.

S 365 SEMINAR IN SUPERVISION OF INSTRUCTION (2)  Mr. Melbo
The supervisory work of the principal; the place of supervision; organization for supervisory service; techniques. Restricted to administrators and prospective administrators.

S 380 RESEARCH METHODS AND THESIS WRITING (3)  Mr. Olson
Research techniques and thesis development; designed to assist students in thesis preparation. Prerequisite: Education 340; Psychology 351; consent of instructor.

S 390 PUBLIC SCHOOL ORGANIZATION (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 Department of Public Instruction regulations; retirement system; teachers organizations; financing public education.

ENGINEERING

S MD 101 MECHANICAL DRAWING (2)  Mr. Avery

18
Elements of drafting, sketching and lettering: isometric, oblique, and orthographic projections; working drawings, conventions, standards, and blueprinting. Three-hour drafting period daily. Laboratory fee $1.00.

**S CE 227 ROUTE SURVEYING (3)**  Mr. Tinniswood, Mr. Chiu, Mr. Evans
Principally field work; curves, earthwork, grades, reconnaissance, preliminary surveys, route location, and design. Prerequisite: Civil Engineering 102. Laboratory fee $2.00. Seven hours daily Aug. 27 through Sept. 14.

**S CE 251 STATICS (3)**  Mr. Downs
Stresses in joint structures; effect of forces on bodies at rest. Prerequisite: one semester of Physics 104.

**ENGLISH**

**S 101 COMPOSITION (3)**  Mrs. Newton and Mr. Stempel
Principles and practice of composition. For all students qualifying in entrance examination.

**S 101C COMPOSITION (3)**  Mr. Frierson and Mr. Green
Principles and practice of composition.
Second semester's work.

**S 150C INTRODUCTION TO ENGLISH LITERATURE (3)**  Mr. Leib
A survey of English literature from the eighteenth to the twentieth century. Prerequisite: first semester's work.

**S 210 REPORT WRITING (2)**  Mr. Leib
Principles of technical exposition, with composition and analyses of reports, papers, and selected types of professional writing. Supplemented by readings and discussions of selections from general literature. Prerequisite: English 101C or the equivalent.

(For a course on Chinese Literature in English, see under CHINESE.)

**S 263 LITERATURE OF THE PACIFIC (3)**  Mr. Stroven
The literature of the Pacific Islands and Australia: narratives of voyagers and travelers, translations of native folk literature, and short stories and novels by such writers as Melville, Stevenson, London, Becke, and Nordoff and Hall.

**S 276 SHAKESPEARE (2)**  Mr. Green
Selected comedies and histories.

**S 284 VICTORIAN LITERATURE (2)**  Mr. Frierson
Poetry and prose of the mid-nineteenth century; the works of Tennyson, Browning, Arnold, and others.

**S 289 CONTEMPORARY AMERICAN LITERATURE (2)**  Mr. Anderson
The modern southern novel and the southern tradition in fiction; novels by Faulkner, Warren, Wolfe, Porter, Caldwell, Welty, and others.
S 291 ENGLISH, LITERATURE, 1870–1914 (2) Mr. Stempel
Poetry and prose of the fifty years preceding World War I, with special attention to Hopkins, Hardy, Housman, Yeats, Butler, Gissing, Conrad, and minor poets of the nineties.

S 310 SEMINAR IN AMERICAN LITERATURE (2) Mr. Anderson
An intensive study of the poems of Emily Dickinson.

GEOGRAPHY

S 263 GEOGRAPHY OF THE PACIFIC ISLANDS (2) Mr. Bowers
Polynesia (except Hawaii), Melanesia, and Micronesia. Students to purchase own maps for classwork.

S 264 GEOGRAPHY OF INDIA AND SOUTHEAST ASIA (2) Mr. Bowers
Description of the major geographic regions of India and Southeast Asia, with study of the geographical factors functional in the history, politics, and economics of the area. Students to purchase own maps for classwork.

GOVERNMENT

S 150 INTRODUCTION TO GOVERNMENT (3) Mr. Lipson
The role of government in modern society. Types and practices of government: American and European. The processes of political change and integration. The rights of and channels of participation by the citizen.

S 261 UNITED NATIONS (2) Mr. Mander
A study of the problems involved in the development and structure of international government, with special emphasis on the United Nations Organization.

S 269 INTERNATIONAL POLITICS AND THE NEW ASIA (2) Mr. Park
An analysis of the special problems of an international relations nature involved in the emergence of this area into independent nations; positions taken by the new nations in world affairs; problems of regionalism; etc.

S 271 GOVERNMENT OF DEPENDENCIES (2) Mr. Mander
National and legal status of dependencies; relations with the United Nations and with the supervising national governments; local government. Special emphasis to be given to the Trust Territory of the Pacific Islands.

S 272 MULTI-RACIALISM AND POLITICS (2) Mr. Lipson
An analysis of the special problems created by multi-racialism as they affect political parties, electoral systems, political institutions. Material to be drawn from the new Commonwealth nations, Brazil, et al.

S 275 GOVERNMENT AND POLITICS OF INDIA AND PAKISTAN (2) Mr. Park
Constitutional development; emerging institutional patterns; political parties and elections; selected problems.
University summer session students are shown receiving instruction in beginning swimming from Keo Nakama, famous Island swimmer who established intercollegiate records at Ohio State.

HEALTH AND PHYSICAL EDUCATION

S 110 Swimming for Beginners (1) Mr. Lewis
(2 sections)
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. Lewis
(2 sections)
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) Mrs. Beamer and Staff
(12 sections)
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. For certain advanced dances, an additional fee of $4.00 may be assessed for purchase of appropriate stones and bamboo sticks (puilis).

S 130 PERSONAL HYGIENE (1) Mr. Saake
Scientific health information as a basis for hygienic living. Personal health problems.

S 211 METHODS AND MATERIALS IN AQUATICS AND LIFE SAVING (2) Mr. Saake
Methods of teaching swimming; theory and techniques of strokes and diving. Thirty hours in life saving and water safety techniques leading to American Red Cross certification and 30 hours in actual supervision of water sports. Prerequisite: sound physical condition and ability to pass the required swimming eligibility tests of the American Red Cross. If in doubt, secure permission of instructor. Activities and locker fee $3.00.

S 221 PHYSICAL EDUCATION, ELEMENTARY (2) Mr. Gustuson
Content and method for programs on the elementary school level. Adaptations to meet situations with like age groups outside school will also be discussed. Activities and locker fee $3.00.

S 230 SCHOOL HEALTH PROBLEMS (2) Miss Bucklin
Health needs of the school child and principles, methods, and materials applicable to the school health program.

S 234 SAFETY PROCEDURES IN PHYSICAL EDUCATION (2) Mr. Saake
Presents safety-education procedures for school, home, and community. A survey is made of the incidence of accidents in physical education and recreation, the causes and liability of such accidents, and the nature of the resulting injuries. First aid treatment of accidents is practiced and certification with the American Red Cross may be earned.

S 277 HEALTH PROGRAM PROMOTION IN SCHOOLS (3) Miss Bucklin
Considers desirable school health services and program and the functional relationships of the various disciplines in working together to promote the well-being of the child in school. Designed for classroom teachers, school administrators, dental hygienists, school nurses, pupil guidance workers, and all other workers in the field of school health.

HISTORY

S 110 INTRODUCTION TO AMERICAN HISTORY (3) Mr. Hunter
The religious, cultural, and social backgrounds of the American people.

S 232 CONSTITUTIONAL HISTORY OF MODERN JAPAN (2) Mr. Takeuchi
A study of the Meiji Constitution of 1889, the development of political parties, and the influence of special interests in the government of Japan; finally, a study of the Constitution of 1946 and its prospects for permanence.
S 233 DIPLOMATIC HISTORY OF MODERN JAPAN (2) Mr. Takeuchi
An analysis, from the point of view of the international relations of Japan, of the forces underlying Japan's rise to modern power after 1868, with special attention to the period since 1931, including a critical appraisal of Occupation policies after 1945 and the international position of postwar Japan.

S 243 HISTORY OF THE UNITED STATES IN MODERN TIMES (2) Mr. Strevey
Economic, political, and social development of the United States since 1900.

S 252 CONSTITUTIONAL HISTORY OF THE UNITED STATES (2) Mr. Strevey
The genesis, drafting, ratification, and development of the federal Constitution.

S 276 HISTORY OF THE HAWAIIAN ISLANDS (2) Mr. Hunter
A general course with some detail. Emphasis on the period of the monarchy.

S 293 HISTORY OF CHINA, 1600–1900 (2) Mr. Levenson
China from the fall of the Ming Dynasty to the Boxer Rebellion.

S 294 CHINA IN THE 20TH CENTURY (2) Mr. Levenson
Social, cultural, and political development from 1900.

HOME ECONOMICS

S HS 110 FOODS OF THE PACIFIC (2) Miss Murai and Mrs. Bartow
Designed to acquaint the student with the cookery, food habits, and customs of the nations bordering on the Pacific and represented in Hawaii. Chinese, Filipino, Hawaiian, Japanese, and Korean foods will be prepared and served in laboratory. Trips to food markets and factories will be arranged if desired. One 2-hour lecture period and two 3-hour laboratory periods weekly. Prerequisite: Home Economics courses or previous experience in food preparation. Laboratory fee $10.00.

S HE 370 CURRICULUM DEVELOPMENT IN HOMEMAKING (3) Mrs. Scully
Designed primarily for homemaking teachers in Hawaii. Emphasis on the preparation of resource units in the various areas of homemaking. Course will be co-ordinated with the Department of Public Instruction's curriculum development program and directed toward publication of a series of curriculum bulletins. First three weeks of Summer Session; full-time program. Prerequisite: Consent of Department Chairman.

JAPANESE

S 100 ELEMENTARY JAPANESE (6) Mr. Fujioka
An intensive course in Japanese. Emphasis on conversation, grammar,
and sentence structure. Introduction of Katakana, Hiragana, and simple Chinese characters.

MATHEMATICS

S 150 PLANE TRIGONOMETRY (3) Mr. Clark
Prerequisite: two years of high school algebra; one year of plane trigonometry. No credit if taken after Mathematics 152.

S 151 COLLEGE ALGEBRA (3) Mr. Clark and Miss Davis
(2 sections)
Prerequisite: two years of high school algebra; one year of plane trigonometry.

S 152 PLANE ANALYTICAL GEOMETRY (3) Miss Davis
Prerequisite: Mathematics 150; credit or concurrent registration in Mathematics 151.

S 153 DIFFERENTIAL CALCULUS (3) Mr. Gregory
Prerequisite: Mathematics 152.

S 154 INTEGRAL CALCULUS (3) Mr. Comba
Prerequisite: Mathematics 153.

MUSIC

S 110 MUSIC APPRECIATION (2) Mr. Mundy
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 140 RECREATIONAL MUSIC (2) Mr. Mundy
Stress on skills necessary for leaders of recreational activities: methods, materials, and organization of recreational activities for the home, the school, the church, and the community, including experience on Hawaiian instruments.

S 150 ELEMENTARY MUSICIANSHP (2) Mr. Stubbs
The elements of musicianship covering terminology, notation, sight singing, and rhythmic and melodic dictation. A basic course for all prospective teachers. May be required of music majors who lack experience and training.

S 159 INSTRUMENTAL MUSIC (2) Mr. Stubbs
Intended for students preparing to teach instrumental music. Designed to give a basic knowledge of the instruments of the band and orchestra. String instruments only.

S 209 UNIVERSITY CHORUS (1) Mr. Vine
This course is designed to cover methods and choral materials for intermediate and senior high schools.

24
S 252 Music for the Upper Elementary Grades (4, 5, 6) (2) Miss Pitts
Organization and direction of music in childhood experience. A survey of materials and procedures. Prerequisite: Music 150.

S 254 Intermediate (Junior High) Music (2) Miss Pitts
Music methods and materials for Grades 7, 8, and 9, with special emphasis on general music in the 7th and 8th grades. Prerequisite: Music 150.

APPLIED MUSIC

S 101 Class Instruction (1) Mr. Vine
Class instruction in voice. Two lessons per week (one hour each). Practice facilities in Music Building. Course fee $20.00.

S 102 Class Instruction (1) Mr. Vine
Class instruction in voice. Two lessons per week (one hour each). Practice facilities in Music Building. Course fee $20.00.

S 105, S 149, S 169, S 249, S 269, S 349 Individual Instructions (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. Course fee $45.00.

NURSING

S 102 Nursing Arts (2) Mrs. Ozaki
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. 6 weeks.

S 200 Psychiatric Nursing (8) Staff
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. 10 weeks.

S 210 Tuberculosis Nursing (8)
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. 8 weeks.
S 268 Supervised Practice (3) Miss Camara
Observation and supervised participation in a teaching or supervisory situation involving nursing procedures. Prerequisite: consent of instructor.

S 290 Field Work in Public Health Nursing (8) Mrs. Scott and Staff
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. 8 weeks.

These courses are open only to students enrolled in the School of Nursing.

PHILOSOPHY

S 150 History of Philosophy (3) Mr. Moore
Western philosophy from the era of great Greek thinkers to the Renaissance. Prerequisite: sophomore standing.

S 200 Ethics—Philosophies of Life (2) Mr. Moore
Major philosophies and typical theories of the nature of the good life and of the basic values of human living; consideration of Eastern as well as Western philosophies of life.

PHOTOGRAPHY

S 100 Principles of Photography (2)
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; 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.

PSYCHOLOGY

Except for students registered in Teachers College, Psychology 150 is prerequisite for all other psychology courses; students in Teachers College may substitute Psychology 156 for Psychology 150.

S 150 General Psychology (4) Mr. Grossack
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 Psychology of Infancy and Childhood (2) Mr. Herrick
Principles basic to the normal development of the infant and child; emphasis upon physical, emotional, intellectual, and social development.
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<th>Course Code</th>
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<tr>
<td>S 186</td>
<td>PSYCHOLOGY OF ADOLESCENCE AND MATURITY (2) Mr. Herrick</td>
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<td>Developmental characteristics during preadolescent,</td>
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<td>adolescent, and adult years; emphasis upon physical,</td>
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<td>emotional, intellectual, and social factors and</td>
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<td>S 250</td>
<td>APPLIED PSYCHOLOGY (2) Mr. Weaver</td>
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<td>Application of psychological principles to problems of</td>
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<td>personal efficiency and to the fields of education,</td>
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<td>law, medicine, commerce, and human relations.</td>
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<td></td>
<td>Supplements and follows Psychology 156.</td>
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<td>S 260</td>
<td>STATISTICAL TECHNIQUES (3) Mr. Weaver</td>
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<td>Use of statistical techniques in psychological problems;</td>
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<td>measures of central tendency and variability; graphic</td>
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<td>methods; zero order correlation; reliability of</td>
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<td>measures; tests of significance.</td>
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<td>S 292</td>
<td>MENTAL HYGIENE (3) Mr. Livesay</td>
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<td>Conditions requisite to mental health and satisfactory</td>
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<td>social adjustment; causes and means of preventing</td>
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<td>maladjustments and neuroses.</td>
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<td>S 295</td>
<td>ABNORMAL PSYCHOLOGY (3) Mr. Raimy</td>
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<td>The nature and causes of psychoneuroses and psychoses;</td>
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<td>abnormalities of intelligence; incipient abnormal</td>
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<td>traits manifested in everyday life; psychotherapy.</td>
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<td>S 321</td>
<td>GENERAL SEMINAR (2) Mr. Raimy</td>
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<td>Seminar in the self concept and personality.</td>
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<td>Development and changes in the individual's</td>
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<td>conceptualization of himself as related to personality</td>
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<td>dynamics.</td>
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<td>S 351</td>
<td>ADVANCED EDUCATIONAL PSYCHOLOGY (3) Mr. Bitner</td>
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<td>Application of experimental evidence in psychology to</td>
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<td>major educational problems; the bearing of recent</td>
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**RELIGION**

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<tr>
<td>S 215</td>
<td>HISTORICAL DEVELOPMENT OF THE BIBLE (2) Mr. Zeigler</td>
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<td>Survey of the present knowledge of the origin and</td>
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<td>development of the English Bible in the light of</td>
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<td>historical, archaeological, and literary research.</td>
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<td>S 250</td>
<td>THE LIVING RELIGIONS OF HAWAII (2) Mr. Zeigler</td>
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<td>A comparative study of the history and the present</td>
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<td>cultural aspects of the main religions active in</td>
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<td>American life today. Attention will be directed</td>
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<td>especially to the religious forces most significant</td>
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<td>in Hawaii, including Christianity, Buddhism,</td>
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<td>Confucianism, Taoism, and newer movements such as</td>
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<td>Tenrikyo, and Tensho-Kotaijingu-kyo, the &quot;cult of</td>
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<td>the dancing goddess.&quot;</td>
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<td>S 300</td>
<td>DIRECTED READING (1 or 2) Mr. Zeigler</td>
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<td>Prerequisite: graduate standing; consent of instructor.</td>
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27
SOCIAL WORK

S 200 THE FIELD OF SOCIAL WORK (2) Mr. Merritt
A nonprofessional orientation course intended to acquaint the student with the philosophy, scope, and aims of social work. Prerequisite: junior standing.

SOCIOLOGY

S 151 INTRODUCTION TO THE STUDY OF SOCIETY (3) Mr. Noland
An orientation course. The basic social relationships and the corresponding social structures.

S 258 RACE RELATIONS (2) Mr. Glick
The sociological significance of race and race relations; typical situations and processes; conflict and accommodations; caste; race prejudice; miscegenation; effects of race relations upon personality.

S 264 JUVENILE DELINQUENCY (2) Mr. Yamamura
The nature, extent, and causes of juvenile delinquency. The study of the delinquent as a person. Methods of control.

S 267 THE FAMILY (2) Mr. Yamamura
The family as a universal institution; human nature and the family; changing structure and functions in the Orient and Occident; courtship and marriage in the immigrant family.

S 272 COLLECTIVE BEHAVIOR (2) Mr. Glick
Elementary and spontaneous forms of group behavior; social unrest; the crowd and the public; mass behavior and mass movements; the operation of publics in democratic societies.

S 285 INDUSTRIAL SOCIOLOGY (2) Mr. Noland

SPEECH

S 100 FUNDAMENTALS OF SPEECH (1) Mrs. Larson
Speech as communication for social interaction. Information concerning speech production with emphasis on organization of ideas; training for mastery of good speech standards. Conferences required. Course fee $1.00.

S 102 DEVELOPMENT OF ORAL SKILL (1) Mr. Gordon
Effective use of speech sounds and rhythms in practical speaking situations. Attention to grammar and idiom. Concentration on individual problems with the use of modern recording equipment. Conferences required. Course fee $2.00.

S 105 SOUNDS OF ENGLISH FOR PROSPECTIVE TEACHERS (1) Mr. Ansberry, (5 sections) Mr. Gordon, Mrs. Larson
Sounds and rhythms of General American speech. Techniques for the correction of faulty pronunciation and the improvement of rhythm. Use of the International Phonetic Alphabet. Conferences required. Prerequisite: Speech 100. Course fee $1.00.

S 150  **Public Address**  (2)  Mr. Lefforge
Basic principles of speech composition and delivery; preparation of speeches with attention to principles studied; special assistance with individual problems of students.

S 221  **Fundamentals of Speech Correction**  (2)  Mr. Ansberry
Principles and methods applicable to the rehabilitation of persons with articulatory defects, stuttering, and speech disorders caused by cleft palate or hearing loss. Clinical observation required.

S 250  **Group Leadership and Discussion**  (3)  Mr. Thonssen
Principles and techniques of group leadership with special consideration of the semantic and psychological barriers to communication in group situations. Analysis and discussion of social problems.

S 265  **Speech for the Classroom Teacher**  (2)  Mr. Thonssen, Mr. Lefforge, Mrs. Breneman, Mrs. Larson
Speech pedagogy; principles and methods for the classroom teacher. Integration of speech improvement with all activities in the curriculum with special attention to speech problems in Hawaii. Prerequisite: Speech 100, 105.

S 300  **Directed Research**  (1 or 2)  Staff
Individual research in (1) General Speech Education, (2) Speech Correction, (3) Phonetics and Speech Science, (4) Interpretation, (5) Forensics and Public Address, (7) Radio, (8) Pedagogy, (9) Audiology. Prerequisite: undergraduate major in speech or the equivalent; consent of adviser or recommendation of department chairman.

**Zoology and Entomology**

S 191  **Elementary Human Anatomy and Physiology**  (3)  Mr. van Weel
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. van Weel
Required of students in the School of Nursing registered in S 191. Laboratory fee $5.00.
ANTHROPOLOGY S 270 ARCHEOLOGY (3)  Mr. Bonk
Methods and techniques of archeology. Excavation of prehistoric sites, preservation of materials, and interpretation of archeological data, with illustrations from Oceanic studies. Practical field work in excavation and museum preparation.

ART S 292 (1) WORKSHOP IN ART EDUCATION (4)  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.

EDUCATION S 243 LANGUAGE ARTS, ELEMENTARY (3)  Mr. Alm
Developing concepts of the modern approach to the teaching of language arts—reading, oral and written expression. An exploration of materials designed for grades one through six.

EDUCATION S 261 TESTS AND MEASUREMENTS (3)  Mr. Forbes
Theory and techniques of evaluation in education; practice in the use of testing devices. Laboratory fee $1.00.

EDUCATION S 293 THE TEACHING OF READING (2)  Mr. Alm
Various techniques for teaching reading and for improving reading skills, particularly in grades seven, eight, and nine.

HEALTH AND PHYSICAL EDUCATION S 124 DANCES OF HAWAII (1)  Mrs. Kuamoo
An introduction to the hula. The background and fundamentals of the dance will be presented, and selected dances will be given. Activities and locker fee $3.00.

HISTORY S 110 INTRODUCTION TO AMERICAN HISTORY (3)  Mr. Inouye
The religious, cultural, and social backgrounds of the American people.

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

SOCIOLOGY S 255 SOCIAL DISORGANIZATION (3)  Mr. Carpenter
The factors in society which condition the disorganization of communities, institutions, groups, and personalities. An integrated approach to such social problems as conflict, delinquency, dependency, and degeneracy. Desirable preparation for courses in juvenile delinquency and criminology.
Sociology S 261 Sociology of the Small Group (2) Mr. Carpenter
The formation and organization of groups which involve face-to-face relations between persons. Social process affecting esprit de corps and leadership. Analysis of principal theories, research findings, and practical applications.

Speech S 101 Sounds and Rhythms of Spoken English (1) Mr. O'Rourke
Intensive training in the sounds and rhythms of General American speech with emphasis on the effective communication of ideas. Use of the International Phonetic Alphabet. Conferences required. Course fee $2.00.

Speech S 265 Speech for the Classroom Teacher (3) Mr. O'Rourke
Speech pedagogy; principles and methods for the classroom teacher. Integration of speech improvement with all activities in the curriculum, emphasizing speech problems in Hawaii. Prerequisite: Speech 100, 105.

Postsession
Honolulu Campus

Education PS 264 Art Fundamentals for the Teacher (2)
Introduction to art media for the teacher, place of art in society and the school, development of art principles through art activity, organization of children's art materials.

Health and Physical Education PS 130 Personal Hygiene (1) Mr. Saake
Scientific health information as a basis for hygienic living. Personal health problems.

Health and Physical Education PS 221 Physical Education, Elementary (2) Mrs. Beamer, Mr. Gustuson (2 sections)
Content and method for programs on the elementary school level. Adaptations to meet situations with like age groups outside school will also be discussed. Activities and locker fee $3.00.

Health and Physical Education PS 230 School Health Problems (2) Mr. Lewis
Health needs of the school child and principles, methods, and materials applicable to the school health program.

Health and Physical Education PS 234 Safety Procedures in Physical Education (2) Mr. Saake
Presents safety-education procedures for school, home, and community. A survey is made of the incidence of accidents in physical education and recreation, the causes and liability of such accidents, and the nature of the resulting injuries. First aid treatment of accidents is practiced and certification with American Red Cross may be earned.
SPEECH S 105 SOUNDS OF ENGLISH FOR PROSPECTIVE TEACHERS (1) Staff
Sounds and rhythms of General American speech. Techniques for
the correction of faulty pronunciation and the improvement of
rhythm. Use of the International Phonetic Alphabet. Conferences
required. Prerequisite: Speech 100. Course fee $1.00.

SPEECH S 266 THE TEACHING OF SPEECH (2) Staff
(4 sections)
A shorter course in speech for the classroom teacher, incorporating
the most useful principles of speech pedagogy. Special techniques for
speech improvement in Hawaii. Prerequisite: Speech 105.

ZOOLGY PS 201 LIFE IN THE SEA (2) Mr. Hiatt
A nontechnical account of life in the sea, with special emphasis on as­
pects of the sea important as background information for school
teachers. Movies and frequent field trips to the coral reef and on
oceanographic vessels acquaint the student with all aspects of ocean life.

HILO CAMPUS

EDUCATION PS 234 CREATIVE ARTS, PRESCHOOL-PRIMARY (3) Miss Johnson
The materials and procedures in art and construction activities, sing­
ing, simple work with instruments, rhythmic activities, dancing, and
dramatic play for young children. Laboratory fee $2.00. Prerequisite:
consent of instructor.