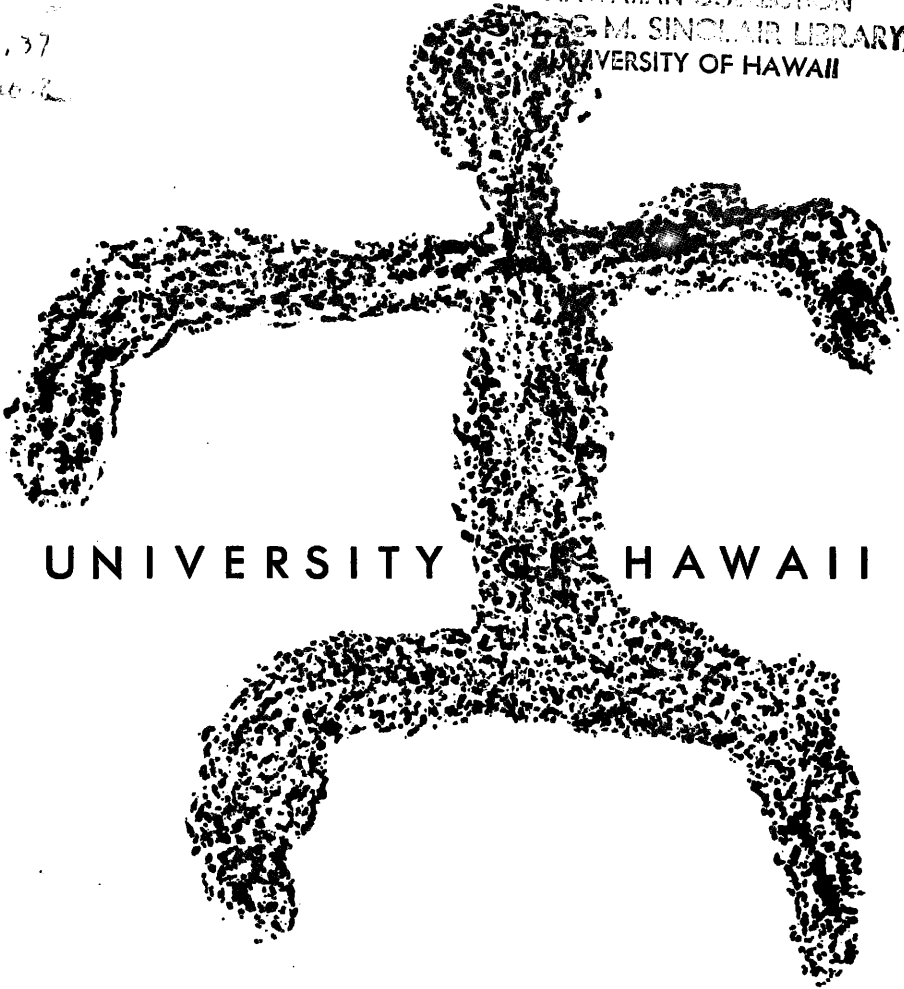


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UNIVERSITY OF HAWAII

SUMMER
SESSION

CATALOGUE 1958

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CALENDAR

JUNE							JULY							AUGUST						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7			1	2	3	4	5						1	2
8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9
15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16
22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23
29	30						27	28	29	30	31			24	25	26	27	28	29	30
														31						

Regular Session (Six Weeks)

June 23, Monday	Registration
June 24, Tuesday	Classes begin
July 4, Friday	Holiday
August 1, Friday	Regular session ends

Postsession (Three Weeks)

August 1, Friday, and August 4, Monday	Registration
August 4, Monday	Classes begin
August 22, Friday	Postsession ends

First Five-Week Term (Business S150, Chemistry S103, French S100, French S101, German S100, History S100, Japanese S100, Japanese S101)

June 23, Monday	Registration
June 24, Tuesday	Classes begin
July 4, Friday	Holiday
July 25, Friday	First term ends

Second Five-Week Term (Business S151, Chemistry S103C, French S100C, French S101C, German S100C, History S100C, Japanese S100C, Japanese S101C)

July 28, Monday	Registration
July 29, Tuesday	Classes begin
August 29, Friday	Second term ends

ABBREVIATIONS

AA Art Annex (Art Building)	Gil Gilmore Hall
Ch Chemistry Building	H Hawaii Hall
Cr Crawford Hall	MB Music Building
Cr A Crawford Hall Annex	SL Sinclair Library
D Dean Hall	UES University Elementary School
E Engineering Quadrangle	UHS University High School
F Farrington Hall (Theatre)	W Wist Hall
G Gartley Hall	WA-1 Wist Hall Annex 1
Geo George Hall	

The cover figure is reproduced from a rubbing of an ancient Hawaiian petroglyph in a sea cave near Hanalei Bay on the island of Oahu.

Thirty-second Annual
SUMMER SESSION
 University of Hawaii
 1958

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UNIVERSITY OF HAWAII BULLETIN

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SUMMER SESSION

1958

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Field trips to Oriental temples and shrines are made by students in the course, Hawaii and Its People, in which the various aspects of the multi-racial Hawaiian community are examined. Schools, business and industrial centers, plantations, and mills are visited also, as well as American and Oriental newspaper plants, hospitals, and other significant institutions.

General Information

THE UNIVERSITY OF HAWAII is located in Honolulu, on the island of Oahu. It lies in verdant Manoa Valley, three miles from downtown Honolulu and two miles from Waikiki Beach. Its landholdings total some 710 acres.

Established by act of the Legislature of the Territory of Hawaii in 1907, the University bears the same relation to the Territory as state universities do to their states. Major divisions of the University include the Graduate School, the College of Arts and Sciences, the College of Applied Science, Teachers College, the College of Business Administration, the College of Agriculture, which includes the Hawaii Agricultural Experiment Station and the Agricultural Extension Service, the College of General Studies, and the Summer Session. In addition to the bachelor's degree, the University offers the master's degree in 28 disciplines and the Ph.D. degree in Botany, Chemistry, Entomology, Genetics, Soil Science, and Marine Zoology. There are over 450 instructional faculty members and many staff members engaged in full-time research.

The University of Hawaii is accredited by the Western College Association. Its classes are open to all academically qualified men and women, regardless of race, nationality, or religion. Its students may transfer to other American universities and to European and Asian universities on the same basis as students of other accredited American universities. It has chapters of national honor societies like Phi Beta Kappa, Phi Kappa Phi, Sigma Xi, Omicron Delta Kappa, and Delta Sigma Rho.

Besides an academic year of two 18-week semesters, the University has a 6-week summer session. In addition, there are two successive 5-week terms in the summer, during which a number of freshman and sophomore year courses are taught, and a 3-week postsession.

Enrollment in the summer courses has increased steadily year after year. It reached 5,356 in 1957, as compared with 4,603 in 1956, 4,214 in 1955, and 3,714 in 1954; and it is believed that the figure may exceed 6,000 in 1958. Helping to boost the 1957 figure to a new high were 1,120 students from the Mainland, including 420 graduates, 664 undergraduates, and 36 auditors. There were, also, 62 students from foreign countries.

To keep pace with the growth in enrollment, course offerings are being increased each year. Moreover, in addition to standard college courses comparable to those given at other American universities, there are many distinctive offerings not generally available elsewhere. As an illustration, the 1958 summer program presents courses on Pacific and Asian subjects, such as Culture Conflict in Pacific Dependencies, Indian and Far Eastern Art, Applied Arts of China, Arts of the Pacific, Economic Plants of Hawaii, Chinese Literature in English, Literature of the Pacific, Geography of India and Southeast Asia, Geography of the Pacific Islands, Geography of Hawaii, Dances of Hawaii, Foods of the Pacific, History of the Far East, History of India, Pakistan and Ceylon, History of the Hawaiian Islands, Japanese language, History and Theory of Japanese Music, History of Chinese Music, Living Religions of Hawaii, and Community Forces in Hawaii.

Eminent visiting professors are invited each year to augment the resident faculty on summer duty (usually about one-fourth of the full faculty). Some of the visiting professors are invited on the basis of exchanges with University of Hawaii professors. Visiting professors in 1958 include Shigeo Kishibe, authority on Asian music and musical instruments, and member of the faculty of Tokyo University; Alfred V. Frankenstein, noted art and music critic of the *San Francisco Chronicle* and lecturer at the University of California and at Mills College, who will offer courses on American painting and symphonic literature; and Mordecai Gorelik, famous scene designer and author of *New Theatres for Old*, who will offer the courses, *The Scenic Imagination*, and *Modern Stage Production*. These and other distinguished visiting and resident professors constitute a notable summer faculty.

INSTITUTE FOR SCIENCE AND MATHEMATICS TEACHERS. In recognition of the vital role of science in modern life the National Science Foundation has made a grant to the University of Hawaii for a summer institute for teachers of science and of mathematics in the secondary schools. The institute will be divided into two sections, one in science, the other in mathematics. A teacher may elect to take either. The science portion will cater to the teachers of general science, or to those who are converted to the teaching of science from other fields of specialty. The mathematics segment will be devoted to a revitalization of the teaching of this subject on the high-school level through emphasis on the understanding of fundamentals and of the philosophical background of mathematics, and its interconnection with the sciences.

In the science section three special courses will be offered: (1) Introduction to Modern Biology; (2) Introduction to Modern Physics; (3) Introduction to Modern Chemistry. Three (3) credits will be available for each course. Each course will meet for one hour, five days a week, for a lecture consisting of an introduction to basic concepts and a review of fundamentals. A modern approach will be used and recent developments discussed. For each course four afternoon hours per week will be devoted to field trips, experimental work in the laboratory, and discussion.

The portion of the program devoted to teachers of mathematics will be divided into a section of formal courses for six weeks, and a "summing up" session of two weeks at the end. The courses described below will be offered. (1) One course to be chosen from the regular summer school offerings in mathematics (Intermediate Algebra, Trigonometry, College Algebra, Analytical Geometry, and Differential or Integral Calculus); three (3) credits; six weeks. (2) Philosophy of Mathematics; one (1) credit; the study of mathematics as a logical phenomenon and its interrelationship with the philosophy of science; three lectures per week; six weeks. (3) Foundations of Mathematics; five (5) credits; six weeks; one and one-half hours per day, five days per week. A two-week "summing up" session; four hours per day, five days per week. Demonstrations, discussion, problem-working sessions with emphasis on discussions in small groups and the exchange of ideas, with some teaching methodology. This final session will endeavor to round out the experiences of the more formal courses of the previous six weeks.

The institute will be held on the University campus for a period of eight weeks, opening June 23 and closing August 15. Stipends have been provided by the

National Science Foundation for 70 participants—40 in general science and 30 in mathematics. Amount of stipend will depend on the degree of dislocation necessary for the participant in attending the institute, but the amount may be as much as \$600 for the eight weeks session, with additional allowances for travel and for dependents to a total of four. A committee will evaluate qualifications of applicants as a basis of awarding stipends. The institute also is open to teachers who do not receive stipends.

The institute will be directed by Dr. John J. Naughton, chairman of the Department of Chemistry. Application should be made to the Director. Deadline for return of the application blank for the institute is April 1.

PACIFIC REGIONAL WORKSHOP IN AVIATION EDUCATION. The airplane, the rocket, the man-made earth satellite, and the prospect of interplanetary travel have had so great an impact on contemporary life that the University of Hawaii, in co-operation with the Pacific region of the Civil Air Patrol and the U.S. Air Force, is offering two five-week workshops in Aviation Education for teachers, June 16 through July 17.

One of the workshops (*see* Education S 292(8)) will enable teachers to help their pupils understand the basic principles of flight and to appreciate the increasing importance of air travel and the aviation industry as aspects of the world in which they live. It will explain to teachers the new concepts of space and time developed by aviation and help them to interpret to their pupils the air-age projections used in modern maps, and introduce them to some of the major social, economic, political, and international problems resulting from the rapid expansion of aviation. The second workshop (*see* Education S 392(8)) is for teachers who have already taken work comparable to that offered in the first. It will concentrate on the production of curriculum materials and the provision of teaching methods for use at all levels of the school. Both workshops will feature symposia on rockets, missiles, satellites, and interplanetary space travel, with eminent authorities on these topics as panel members and lecturers.

Each workshop will carry five (5) credits. The workshops will meet four days a week (Monday through Thursday) from 8:00 a.m. to 4:00 p.m. The "long week-ends" (Friday through Sunday) will be open for recreation, travel, and study. Headquarters will be the Hawaiian Village Hotel at Waikiki, where rooms have been reserved for teachers who will enroll for one or the other of the workshops.

Tuition and course fee for each workshop is \$67.50. Applications accompanied by check or money order made out to the University of Hawaii may be mailed to Mr. John V. Sorenson, workshop director, Building T-235, Presidio of San Francisco, California. Additional information about the workshops may also be obtained from Mr. Sorenson.

HAWAII AND ITS PEOPLE. A special 5-credit course to be offered in 1958 (*see* Sociology S 292, page 45) should be of particular interest to teachers and others interested in obtaining a broad and comprehensive understanding of life in Hawaii. It will consist primarily of basic lectures by the professor, currently chairman of the Sociology Department, with a few supplementary lectures by specialists, presenting various phases of Hawaiian history, economics, geography,

government, religion, etc. There will also be field trips to the Bishop Museum, temples and shrines, schools, business and industrial centers, plantations and mills, American and Oriental newspaper plants, hospitals, etc., to give the class a first-hand view of various aspects of the multi-racial, cosmopolitan community constituting the more than half-million people of Hawaii.

PRACTICAL ASTRONOMY. As we move inexorably into outer space with man-made satellites and other excursions into the heavens, it becomes increasingly more important to the general layman to expand his knowledge about this new frontier. It is believed, therefore, that many will welcome the opportunity to take a course in practical astronomy which will be offered in the 1958 summer session (*see* Science S 201, page 43) by Edwin H. Bryan, Jr., curator of collections at the Bishop Museum, who has taught and written on this subject for the past 30 years.

AGRICULTURE TO ZOOLOGY. Of special interest to various people, too, will be courses that will cover such topics as: the growing of orchids (*see* Agriculture S 273), the identification of Hawaiian flowers and trees (Botany S 160), Soviet ideology (Economics S 284), high-speed computation (Mathematics S 283), and life in the sea (Zoology PS 201). Many courses and workshops for teachers constitute an important feature of summer sessions.

GREGG M. SINCLAIR LIBRARY. The University Library, named after Dr. Gregg M. Sinclair, president emeritus, is a beautiful new building of modern design. It contains 280,000 bound volumes and about 700,000 unbound pieces; and it subscribes to 4,280 current periodicals and other continuations. The well-lighted reading rooms provide study facilities for 950 students at a time. To make the books conveniently accessible, the stacks are adjacent to reading areas and are open to all students. Besides a well-rounded general collection, there are the following special collections: Government Publications, Teachers College Collection, Maps and Microfilm, the Oriental Collection, and the Hawaiian Collection. The reference and general reading room, where expert reference service is available to students as well as faculty, contains about 5,000 reference books and the current numbers of 1,500 periodicals and mainland newspapers. The Library is exceptionally strong in materials relating to the Far East and to the Pacific Ocean area.

HUMAN RELATIONS AREA FILES. This collection is the product of an organization, supported by 16 major universities, which systematically places basic information on various societies of the world in files maintained at each member institution. Each file in this unique collection, located in the University Library, contains facts about a people or region that are judged to be of value to students of human behavior, social life, and culture.

INDUSTRIAL RELATIONS CENTER. This Center, located in Hawaii Hall on the campus, seeks to promote a sound understanding of labor management problems in the community. It provides for public use a library and reference service of materials relating to labor management and relations; offers both credit and noncredit courses in the field of industrial relations; promotes lectures, conferences, and discussion groups; and conducts research on basic industrial relations problems.

ROMANZO ADAMS SOCIAL RESEARCH LABORATORY. This Laboratory, located in Crawford Hall on the campus, is staffed by members of the Sociology Department, and is concerned primarily with sociological studies relative to the peoples of Hawaii. It has one of the best collections of materials available anywhere in the field of race relations.

PSYCHOLOGICAL RESEARCH CENTER. This Center performs basic and applied research on problems involving the scientific approach to human behavior. It serves as a research and informational agency to which business, industry, labor, government, and others may bring psychological problems.

UNIVERSITY LABORATORY SCHOOLS. Demonstration classes are conducted in the Teachers College laboratory schools in connection with summer session offerings for teachers. In order to insure a rich experience for the children enrolled, conditions are made as nearly ideal as possible, with small classes, selected children, and a strong supervising staff assisted by specialists in art, health, library science, physical education, music, speech, and drama.

ADMISSION. Persons wishing to take courses for credit must present satisfactory evidence of ability to do university work. Graduate and undergraduate 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 Summer Session Bulletin 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. This should be done as early as possible. Teachers in service may have the aforementioned form signed by their superintendent or comparable supervising official.

AUDITORS. Mature persons who wish to attend certain classes regularly, without taking examinations or receiving grades or credit, may do so by registering as auditors and paying the regular tuition fees charged for the courses in which they desire to enroll. A student may be both a credit student and an auditor but the total hours involved must not exceed the maximum program allowed students. Auditors are not allowed to participate in class discussions or recitations or to use laboratory or studio equipment and materials. They are not subject to late registration fees. For the schedule of refunds, *see* Refunds.

VISITORS' TICKETS. Since the summer session provides an opportunity to hear classroom lectures given by many distinguished professors in various fields, Visitors' Tickets are available to mature persons who wish to visit different, unspecified lecture classes without examination or credit. These tickets may be obtained upon payment of \$40.00 and with the approval of the Dean of Summer Session. The Visitors' Ticket must be shown upon demand and entitles the bearer to attend any classroom lecture if there is an available seat. Visitors are not to participate in classroom discussions or recitations or examinations, or to use lab-

oratory or studio equipment and materials. A visitor's ticket may be cancelled, without refund, if these conditions are violated.

REGISTRATION. Registration for the six-week summer session and the first five-week term will take place on Monday, June 23, between 8:00 a.m. and 4:00 p.m. Students are asked to report to the Chemistry Building where they will be issued registration materials according to the following time schedule: those whose last names begin with the letters M through S, at or after 8:00 a.m.; T through Z, at or after 9:30 a.m.; A through G, at or after 11:00 a.m.; and H through L, at or after 1:00 p.m.

Registration procedures will be detailed in printed instructions distributed to students at the Chemistry Building. After finally submitting all requisite forms and cards to the Records Office in Bachman Hall on Monday, June 23, students may either wait for their fee slips and pay their fees at the Business Office on the same day or come back to do so on the following day. If fees are not paid by these students before 4:00 p.m. on Tuesday, June 24, however, the late registration fee of \$5.00 will be assessed. (*See Tuition and Fees.*)

Students registering for the second five-week term will be issued the requisite materials at the Records Office in Bachman Hall between 8:00 a.m. and 12 noon on Monday, July 28, without alphabetical time schedules.

Students registering for the three-week postsession will start attending classes on Monday, August 4. They may register at any time between 8:00 a.m. and 4:00 p.m. on that day or on the preceding Friday, August 1.

VETERANS. The University of Hawaii is authorized to enroll veterans under Public Laws 16, 346, 550, 634, and 894. 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 24 and June 25, students may register for six-week and five-week courses only with the consent of a college dean; on June 26 and 27, registration will be permitted only with the approval of both the college dean and the instructor concerned. From June 30, students may not register for credit but may be admitted as auditors with the consent of the Dean of Summer Session and of the instructor concerned.

During the second five-week term, late registration will be permitted on July 29 and July 30 only with the approval of a college dean, and on July 31 and August 1 only with the approval of both the college dean and the instructor concerned. From August 4, students may not register for credit but may be admitted as auditors with the consent of the Dean of Summer Session and the instructor concerned.

During the three-week postsession, late registration will be permitted on August 5 and August 6 only with the approval of the Dean of Summer Session and the instructor concerned. From August 7, students may not register for credit but may be admitted as auditors with the consent of the Dean of Summer Session and of the instructor concerned.

SCHEDULE CHANGES. The University reserves the right to make changes in faculty assignments and in time schedules, to cancel any course that does not

draw adequate registration, and to set maximum limits for enrollment in certain classes. A final mimeographed schedule noting changes made after the publication of this Bulletin will be available at registration time.

STUDENT PROGRAMS. Undergraduate students in the six-week summer session are ordinarily limited to a maximum program of six credit hours. However, in exceptional cases, seven credit hours may be carried by a student provided he obtains the consent of either the dean of his college or the Dean of Summer Session. 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. The approval of a college dean or of the Dean of Summer Session is required. During the postsession, student programs are limited to four credit hours. The foregoing limitations apply to all student programs, including work taken concurrently in the College of General Studies.

Undergraduate students are urged to consult the chairman of their major department prior to registration time, if possible, for advice as to which courses to take in summer. Faculty advisers will also be available on registration day, June 23, as noted in the registration instructions that will be issued to students on that day.

Students taking the intensive five-week courses in language, chemistry, history, and business are advised not to register for more than one or two additional credits without first consulting their instructors.

Graduate students may carry seven credits during the six-week session. The approval of the Dean of the Graduate School is necessary for any heavier course load. Graduate students are urged to consult the office of the Dean of the Graduate School as to courses that will be accepted for graduate credit. This should be done before June 23 if possible. The *Graduate School Bulletin* lists courses acceptable for graduate credit.

TUITION AND FEES. There is no registration fee. The tuition fee is \$10.00 per credit hour and must be paid by all persons who register for courses, either for credit or as auditors. There is no additional charge for nonresidents. Laboratory and other fees are charged for certain courses, as stated in this Bulletin or in the mimeographed announcement issued at registration time. An activity fee of \$1.25 must be paid by all students registered in either the six-week summer session or the first five-week term.

Registration is not complete until all fees have been paid. A penalty fee of \$5.00 will be charged any student who does not complete his registration on time and any student who applies for registration between June 24 and June 27, the period during which late registration for credit may be permitted. There is a charge of \$2.00 for any change in registration after the initial registration unless waived for good cause by a college dean or the Dean of Summer Session. Fines for violating campus parking rules and library fines must be paid promptly. Students are expected to learn the parking and library rules.

REFUNDS. A student in good standing who withdraws from either the six-week summer session or the first five-week term may obtain a 60 per cent refund of tuition and laboratory fees until 4:00 p.m. Thursday, June 26, and a 20 per

cent refund thereafter until 4:00 p.m. Tuesday, July 1. After July 1, no refunds will be made.

During the second five-week term a student may obtain a 60 per cent refund until 4:00 p.m. Thursday, July 31, and a 20 per cent refund thereafter until 4:00 p.m. Tuesday, August 5, after which there will be no refunds.

During the three-week postsession a student may obtain a 60 per cent refund until 4:00 p.m. Wednesday, August 6, and a 20 per cent refund thereafter until 4:00 p.m. Friday, August 8, after which there will be no refunds.

No part of the \$1.25 activity fee or of the \$40.00 Visitor's Ticket is subject to refund.

PERSONAL CHECKS. Personal checks will be accepted for payment of summer session tuition and fees only when the amount of the check does not exceed the amount due from the student.

GRADES AND EXAMINATIONS. Final examinations are given in all courses unless other provisions are authorized by the Dean of Summer Session. The final examination is usually given at the last scheduled meeting of the class. Unless satisfactory arrangements have been made with the instructor in advance, absence from the final examination will be equivalent to "0" (zero) and counted as such in computing the grade for the course. Special examinations for individual students are not permitted, as a general rule, and need the approval of a college dean or the Dean of Summer Session. (A fee of \$10.00 is charged for any special examination which is so approved.) Students must complete all the work and examinations required by their instructors, attend classes regularly until the close of the session or term, and hand in all assignments by that time. No part of the work may be continued beyond the close of the session or term.

The grading system is the same as in the regular sessions: A, excellent; B, good; C, fair; D, barely passing; I, incomplete; F, failure. The grade "I" is not normally used in summer session work. It may be given only with the approval of the Dean of Summer Session. In graduate courses (300-399) the letters H (honors), S (satisfactory), and U (failure) are used for graduate students and the letters A to F for others.

WITHDRAWALS. To withdraw from a course a student must obtain a withdrawal form at the Records Office and have it properly filled with all necessary signatures. The effective date of withdrawal is the date recorded by the Business Office. A student who stops attending a course without going through the foregoing procedure receives an F (for failure) in the course. During the first five days of instruction in any session or term a formal withdrawal is marked W on the student's record. Thereafter, and prior to the last five days of instruction in the session or term, a formal withdrawal is marked W if the student's work was of passing grade; otherwise it is marked F. No withdrawals from courses are permitted during the last five days of instruction. The Dean of Summer Session may, however, under exceptional circumstances, allow a student to withdraw completely from all courses.

TRANSCRIPTS. A student who requests the Office of Admissions and Records to send a transcript of his work to another institution is not required to pay for

the first copy but is charged \$1.00 for each subsequent copy. If a student's records indicate an indebtedness to the University, such as unpaid library or parking fines and the like, his transcript will carry the following notation: "Denied further registration. See Discipline file."

EXTRA-CURRICULAR PROGRAM. An extensive program of educational and recreational extra-curricular events is sponsored by the University in conjunction with the summer session. The program includes evening public lectures by some of the visiting professors. Other popular features of the program have been guided tours of interesting spots in the cosmopolitan city of Honolulu, and of Oriental temples and shrines, the great naval base at Pearl Harbor, a sugar plantation and its mill, and a pineapple cannery, as well as campus-walk-a-tours. Perennial favorites also have been craft sessions in the making of coconut hats, corsages, and seed jewelry; a scenic ride to and picnic at a beach on the windward shores of Oahu; sliding down grassy mountain slopes on bundles of ti leaves; glass-bottom boat rides over the Coral Gardens of Kaneohe Bay; evening programs of Hawaiian legends and dances; an International Night program of the costumes, dances and music of old Hawaii, China, Japan, Korea, and the Philippines; and two social dances, an Aloha Dance early in the session and a Pau Hana (Work Finished) Dance at the end of the session. Coffee Hours also have been sponsored, as a welcome "break" between classes. Details of the summer program for 1958 will be printed in *Summer Salute*, a special publication distributed at the beginning of the summer session.

SUMMER PLAYS. The University Summer Theatre will present, during the last week of the session, an unusual program of two Japanese plays, both bearing the title *Kantan*. The original *Kantan*, a piece from the classic No theatre, written in the early fifteenth century, will be staged and costumed in the traditional and highly conventionalized manner of the No. This will be followed by a modern version of the same play by the contemporary writer Yukio Mishima, one of whose novels, *The Sound of Waves*, has recently been published in this country. Using the basic situation of the ancient drama, Mishima has created a work with contemporary implications which, both in staging and in ideology, makes an interesting contrast with the original No play.

Admission to the performances will be free to persons with Summer Session Activity Cards. Tryouts both for roles in the plays and for backstage work will be held during the first week of the session and will be open to all interested students, although those enrolled in Drama and Theatre courses will be given first consideration.

ACTIVITY FEE. An Activity Fee of \$1.25 is charged all students registered in the six-week summer session or the first five-week term, and a Summer Session Activity Card is issued to each student paying this fee. The Activity Card entitles students to attend or participate in the various extra-curricular events planned for them, on a first-come-first-served basis. Activity Cards may be purchased, upon approval of the Director of Student Activities, by summer session faculty members and by husbands or wives or children (over eighteen years of age) of these faculty members or of summer session students.

There will be no program of special events after August 1. Consequently, no activity fee will be charged for the second five-week term and the postsession.

HEMENWAY HALL. Hemenway Hall, the college union building, is available each morning, Monday through Friday. Its services include daily Carnegie Concerts, current periodicals and local newspapers, table games and ping pong. Lounges and meeting rooms, a barbershop, and the University cafeteria are also located in this building. A snack bar is available in an adjoining building.

SUMMER SESSION HOUSING. Frear Hall, modern residence for women, accommodates 144 students and is available to summer session graduate and undergraduate students. Each attractively furnished room has a sweeping view of the mountains or the sea. All rooms are double. Rates are \$65.00 per person for the session. Hale Laulima, a small dormitory with 14 single and 2 double rooms is available to graduate women students over 40 years of age. Rates are \$65.00 each in doubles, \$80.00 in singles. Johnson Hall, new modern residence hall for men, accommodates 80 students in double rooms. Rates are \$65.00 per person for the session. To be eligible for any University of Hawaii residence hall, a student must be registered for at least 3 hours of credit. Courses audited do not meet this requirement. Applications should be addressed to the Director of Student Residences, 126 Bachman Hall, University of Hawaii, Honolulu 14, Hawaii.

Comfortable accommodations are available for men in Charles 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.

None of the residence halls provides food service of any type. However, the University cafeteria serves reasonably priced meals Monday through Saturday. Also, there is a restaurant nearby. Students should plan for a minimum of \$2.50 per day for food.

OFF-CAMPUS HOUSING. The Office of Student Personnel will try to assist students upon their arrival in Honolulu with the current list of off-campus accommodations, but cannot assume responsibility for these accommodations. Students must negotiate for off-campus housing directly with the landlord, and no reservations or deposits can be processed by the University. No supervisory control is exercised by the University over off-campus housing.

Inquiries concerning advance reservations for off-campus housing may be directed to the Hawaii Visitors Bureau, 2051 Kalakaua Avenue, Honolulu, Hawaii. In general, minimum rents have been about \$35 a month for a room and \$90 a month for an apartment. However, a student should be prepared to pay more as housing accommodations are in great demand during the summer period. Arrangements might be made to stay in one of the Honolulu hotels for a few days after arriving in Honolulu, if other housing is to be sought after arrival. Students wanting to live near the beach, i.e., Waikiki, during their entire stay, are advised that tourist rates prevail there.

TRANSPORTATION. Service on regular schedules between continental United States and Hawaii is provided by Pan American World Airways, United

Air Lines, and Northwest Orient Airlines. The fare on their regular flights from San Francisco, Los Angeles, and Seattle is \$319 round trip, or \$168 one way, first class, and \$250 round trip, or \$125 one way, tourist class. Transocean Air Lines operates nonscheduled flights at \$218 round trip, or \$109 one way. Canada and Hawaii are linked by Canadian Pacific Airlines and Qantas Airways.

Steamship service is provided by three companies. The American President Lines' S.S. "President Cleveland" sails from San Francisco on June 12 and from Los Angeles on June 14, arriving in Honolulu on June 19. The S.S. "President Wilson" sails from Honolulu on August 10, arriving in San Francisco on August 15, while the S.S. "President Cleveland" leaves Honolulu September 1, arriving in San Francisco on September 16. Tourist-class rates are \$100 and \$105 one way, and \$200 and \$210 round trip, and minimum first-class accommodations start at \$145 one way, \$261 round trip.

The Hawaiian Steamship Company's S.S. "Leilani" leaves Los Angeles on June 6, arriving in Honolulu on June 11. It sails from Honolulu on August 7, arriving in Los Angeles on August 13. Minimum rates are \$115 one way and \$205 round trip.

The Matson Navigation Company's sailing schedules include the following:

VESSEL	DEPARTS	DATE	ARRIVES	DATE
"Lurline"	San Francisco	June 6	Honolulu	June 11
"Matsonia"	Los Angeles	June 11	Honolulu	June 16
"Lurline"	Los Angeles	June 18	Honolulu	June 23
"Matsonia"	Honolulu	August 5	San Francisco	August 9
"Lurline"	Honolulu	August 11	San Francisco	August 16
"Matsonia"	Honolulu	August 16	Los Angeles	August 21

Minimum rates are \$140 one way and \$260 round trip.

The University is located on a Honolulu Rapid Transit bus line that can take one to the center of town. There are connecting bus lines to the Waikiki Beach area. Fares are two tickets for 30¢, or 20¢ cash. During the period of the summer session, special shuttle bus service between the University and the Waikiki district is available at certain hours.

The major outer islands, Hawaii, Maui, and Kauai, are easily reached by Aloha Airlines and Hawaiian Airlines which have several daily flights.

OF INTEREST TO VISITORS. Honolulu is a truly cosmopolitan metropolis of some 300,000 people representing nearly all parts of the world. The numerous shops exhibiting exotic wares from everywhere, the quaint atmosphere of Chinatown, the lovely residential districts, and the beach areas with their sand, surfboards and catamarans seem to be of special interest to visitors. In Honolulu are the famed Bernice P. Bishop Museum, the Honolulu Academy of Arts, the Queen Emma Museum, and the only erstwhile royal palace on American soil, Iolani Palace. There are various Buddhist, Shinto, Confucian, and Taoist temples and shrines that are favorites with picture-taking visitors. There is a wide variety of eating places including famous restaurants featuring Hawaiian, Oriental, Latin American, and European cuisines, and seafood, steaks, and other specialties. There are many movie theatres, including drive-ins, 4 television and 10 radio stations, free public concerts by the Royal Hawaiian Band, open air exhibits of their paintings by local artists, botanical gardens and arboretums, the extensive Honolulu

Zoo, the new Aquarium at Waikiki Beach operated by the University, and other attractions to suit all tastes.

DRIVER'S LICENSES. Mainland visitors with valid drivers' licenses are permitted to drive in Hawaii for 90 days following arrival, after which they must obtain Hawaiian licenses. However, if the driver is under 20 years of age, he or she must file a Parental Consent form with the Honolulu Police Department. This form may be obtained at police headquarters in Honolulu. A duly notarized statement signed by the driver's parents may be submitted for consideration by the Honolulu Police Department in lieu of this form. A driver under 20 years of age is otherwise liable to arrest.

New students bringing cars to the campus should obtain a copy of the University's rules on driving and parking.

PART-TIME EMPLOYMENT OPPORTUNITIES. Persons planning to attend the summer session are advised that there are very few opportunities for part-time employment during the summer period. Because of the shortness of the summer session and the fact that jobs are often spoken for months in advance by local high school and college students, nonresident summer students are advised to have funds for all expenses before coming.

CLASSROOM ATTIRE. One of the pleasant features of summer sessions in Hawaii is that professors and students are generally attired somewhat more informally than during the fall and spring semesters, and colorful "Aloha shirts" and Hawaiian dresses make the campus one of the most picturesque to be seen anywhere. Students are reminded, however, that the canons of good taste exclude abbreviated shorts, swimming suits, and the like from normal classroom wear.

HILO BRANCH SUMMER SESSION. A few summer courses are offered 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 are intended primarily for residents of the island of Hawaii and are listed in this Bulletin.

Courses Offered

Courses numbered 100 to 199 are intended primarily for freshmen and sophomores. Those numbered 200 to 299 are intended primarily for juniors and seniors, but are 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.

During the regular six-week session, classes in 1-credit or 2-credit courses will generally have 50-minute sessions five days a week, Monday through Friday. Three-credit courses will have 75-minute sessions, and 4-credit courses will have 110-minute sessions. Most classes will be held according to the following schedule:

50-MINUTE CLASSES	75-MINUTE CLASSES	110-MINUTE CLASSES
7:45-8:35	7:20-8:35	8:10-10:00
9:10-10:00	8:45-10:00	9:35-11:25
10:35-11:25	10:10-11:25	11:00-12:50
12:00-12:50	11:35-12:50	1:30-3:20

Time signals will be sounded for morning classes only at the closing times: 8:35, 10:00, 11:25 a.m. and 12:50 p.m.

The foregoing schedule will provide a minimum interval of 35 minutes between classes for most students, thus giving opportunity for professor-student chats, coffee breaks, or quick trips to the library or the bookstore, and minimizing the need to rush to the next class which might be at some distance across the campus.

AGRICULTURE (HORTICULTURE)

S 273 PRINCIPLES OF FLORICULTURE (3)

KAMEMOTO

Introduction to the methods of propagation and management of the important flower and foliage plants of Hawaii, with special emphasis on orchids. Field trips to orchid nurseries, etc., may be arranged. Laboratory fee \$3.00.

M W F 1:30-3:20 Gil 213

AIR SCIENCE

S 257 SUMMER CAMP (2)

STAFF

Practical application of academic work. Air operations problems. Familiarization with military aircraft and equipment. Physical training. Attendance required during summer between Air Science 202 and 252. Prerequisite: Air Science 202.

ANTHROPOLOGY

S 150 INTRODUCTION TO THE STUDY OF MAN (3)

BARNETT

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

Daily 8:45-10:00 Ch 304

S 266 CULTURE CONFLICT IN PACIFIC DEPENDENCIES (2)

BARNETT

Existing native cultural patterns in American, British, Dutch, and French dependencies; problems raised by native-European interaction; cultural factors bearing upon administrative policies and programs.

Daily 10:35—11:25 Cr 313

S 289 VILLAGE LIFE IN JAPAN (2)

BOWLES

Social organization and cultural values of rural communities in Japan, with an emphasis upon developments since World War II.

Daily 9:10—10:00 Gil 211

ART

S 140 INTRODUCTION TO THE VISUAL ARTS (3)

TURNBULL

A course designed to give insight into the nature of visual art and its relationship to contemporary life, including expression in various forms, such as painting, architecture, sculpture, photography, and industrial design. Lectures, demonstrations, and museum visits. Course fee \$1.00.

Daily 11:35—12:50 Geo 226



Pottery, reflecting advanced contemporary design, is created by hand and on the wheel in the ceramics courses. Frequent exhibitions of the finest ceramic work from Japan and other pottery centers in the world are shown at the University and other places in Honolulu.

- S 142 ART FUNDAMENTALS (2)** **KIMURA, STASACK**
 Background material and studio practice to stimulate understanding of the arts. Lectures, museum visits, and studio work. Studio fee \$1.00.
 Daily 8:10—10:00 (Stasack) Geo 230
 10:10—12:00 (Kimura) Geo 301
- S 150 DESIGN (2)** **KIMURA**
 Introduction to design fundamentals involving the elements and principles of visual organization. Lectures and studio problems. This course or its equivalent in experience is prerequisite to all advanced study in art. Studio fee \$1.00.
 Daily 8:10—10:00 Geo 301
- S 157 DRAWING AND PAINTING (2)** **STASACK, TURNBULL**
 A course for beginners and students of moderate advancement. Considerations of representation, composition, and control of media. Studio and outdoor subject matter. Course fee \$1.00.
 Daily 8:10—10:00 (Turnbull) Geo 201
 10:10—12:00 (Stasack) Geo 201
- S 160 CERAMICS (2)** **HORAN, McVAY**
 Methods and principles of creating pottery by hand with demonstrations of throwing on potter's wheel. Lectures and studio work. Studio fee \$10.00.
 Daily 8:10—10:00 (Horan) AA
 10:10—12:00 (McVay) AA
 1:30—3:20 (McVay) AA
- S 161 CERAMICS (2)** **HORAN**
 Continuation of 160. Emphasis on wheel throwing of pottery, and further work in field of student's choice. Lectures and studio work. Studio fee \$10.00 to cover materials and firing costs.
 Daily 10:10—12:00 AA
- S 176 WEAVING A (2)** **ROBINSON**
 Introduction to the creative processes of weaving. Warping and threading of simple hand looms, with some experience on the multiple harness loom. Lectures and studio work. Studio fee \$7.50.
 Daily 8:10—10:00 Geo 103
 10:10—12:00 Geo 103
 (Students who have had this course may enroll for Art S 177 WEAVING B (2) upon approval by the instructor. Studio fee \$7.50.)
- S 220 INDIAN AND FAR EASTERN ART (2)** **ECKE**
 The development of architecture, sculpture, and painting in India, China, and Japan, and related cultures from prehistoric times to the present. Lectures with slides. Visits to the Honolulu Academy of Arts. Course fee \$2.00.
 Daily 10:35—11:25 Geo 226
- S 231 APPLIED ARTS OF CHINA (2)** **ECKE**
 Ceramics, glyptic arts, metalwork, lacquer, textiles. Principles of architecture, furniture, interior design, landscaping. Lectures with slides. Demonstrations of techniques in ceramics and textiles. Visits to the Honolulu Academy of Arts. Course fee \$2.00.
 Daily 12:00—12:50 H 203
- S 255 MODERN ART AND ITS ORIGINS (ARTS OF THE PACIFIC) (2)** **COX**
 Discussion and analysis of inspiration, theory, and practice in the visual arts, integrating expressions of nonliterate peoples with modern forms, with special study of an emphasis upon the Arts of the Pacific Region. Course fee \$2.00.
 Daily 9:10—10:00 Geo 226
- S 264 WATER COLOR PAINTING (2)** **COX**
 The technique of water color. Studio and outdoor painting. Prerequisite: Art 150—151, 154—155, or comparable background. Desirable preparation: Art 180—181, Painting.
 Daily 10:10—12:00 Geo 352

S 283 HISTORY OF AMERICAN PAINTING (3)**FRANKENSTEIN**

A survey of the history of painting in the United States from Colonial times to the present day, with special emphasis on recent discoveries and re-evaluations in this field. Fully illustrated with color slides.

Daily 8:45—10:00 Geo 228

BACTERIOLOGY**S 130 MICROBES AND MAN (2)****CHU**

A general introduction to the world of microbiology, presenting the different kinds of microorganisms and their manifold activities, as they affect people and their possessions. Attention to the functions of germs in health and in disease, and the roles that microorganisms play in agriculture and industry, in the preparation of foods and beverages, and in the economy of the sea. Lectures supplemented with demonstrations and visual aids. Field trips to establishments and laboratories on Oahu which demonstrate the activities of microorganisms and man's efforts to control them. Not open to students who have had Bacteriology 151. Prerequisite: a year of high school science or its equivalent.

Daily 9:10—10:00 D 102

BOTANY**S 105 ECONOMIC PLANTS OF HAWAII (2)****ST. JOHN**

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.

Daily 7:45—8:35 D 105

S 160 FLOWER AND TREE IDENTIFICATION (2)**ST. JOHN**

A nontechnical course in the identification of the common cultivated plants and weeds of the Territory.

Daily 9:10—10:00 D 105

BUSINESS**S 150 ELEMENTARY ACCOUNTING (3)****ADLER**

Fundamental principles of accounting for sole proprietorships, including use of journals and ledgers and preparation of statements. Three lectures and two laboratory periods. Prerequisite: sophomore standing in the department or consent of instructor. First 5-week term: June 23—July 25. M W F 8:00—10:00 Laboratory, T Th 8:00—10:20 H 210

S 151 ELEMENTARY ACCOUNTING (3)**ADLER**

Continuation of Business S 150, including the accounting problems of partnerships and corporations. Three lectures and two laboratory periods. Prerequisite: Business 150. Second 5-week term: July 28—August 29.

M W F 8:00—10:00 Laboratory, T Th 8:00—10:20

S 160 ELEMENTARY BUSINESS LAW (3)**CRUTCHFIELD**

Law as an agency of social control; nature, sources, and growth of the law; fundamental legal conceptions; law of contracts.

Daily 8:45—10:00 Ch 308

S 261 COLLECTIVE BARGAINING (2)**PERLMAN**

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. Prerequisite: Economics 281.

Daily 10:35—11:25 H 102

- S 265 CORPORATION FINANCE (3) RAMSEY
 Determination of capital requirements; sources and devices used to procure capital; marketing securities; control of capital disbursements; credit and income. Prerequisite: Business 151; credit or concurrent registration in Economics 256, or consent of instructor.
 Daily 8:45—10:00 H 206
- S 270 PRINCIPLES OF MARKETING (3) ALBRECHT
 A study of consumption followed by a general survey of the marketing structure, emphasizing marketing functions and channels, market analysis and research, and marketing policies. Prerequisite: Economics 150-151.
 Daily 8:45—10:00 H 110
- S 282 BUSINESS STATISTICS (3) SLATE
 A study of statistical techniques and their application to business and economics. Sources of data, tabulation, charting, averages, dispersion, sampling, index numbers, analysis of time series, and correlation. Prerequisite: Economics 150-151 or consent of instructor.
 Daily 11:35—12:50 Ch 106

CHEMISTRY

- S 103 GENERAL CHEMISTRY (4) SMITH
 A comprehensive study of chemistry with emphasis upon fundamental laws, principles, and methods. Prerequisite: a year of high school algebra and plane geometry. Laboratory fee \$10.00. First 5-week term: June 23—July 25.
 Daily 8:10—10:00 Laboratory, M W F 1:10—4:00 Ch 212
- S 103C GENERAL CHEMISTRY (4) WAUGH
 A continuation of S 103. The equivalent of the second half of the academic year's course in beginning chemistry. Laboratory fee \$10.00. Second 5-week term: July 28—August 29.
 Daily 8:10—10:00 Laboratory, M W F 1:10—4:00 Ch 212

CHINESE

- S 250 CHINESE LITERATURE IN ENGLISH (2) 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 periods. Knowledge of the Chinese language is not necessary for this course.
 Daily 9:10—10:00 H 213

DRAMA AND THEATRE

- S 200 THEATRE PRACTICE (2) 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 emphasize one. Intended for the general student rather than Drama majors. May be repeated once. Prerequisite: consent of instructor.
 Daily, hrs. arr. F
- S 220 ACTING (2) ERNST
 Analysis and interpretative reading of dramatic prose and poetry; related principles of stage production; reports; individual exercises and group rehearsals. Co-ordinated with the productions of the University Theatre.
 Daily 12:00—12:50 HE 6
- S 246 THE SCENIC IMAGINATION (2) GORELIK
 The creative process in stage and film production. Analysis of the script, audience approach, graphic and literary research, design. Open to those interested in the arts, film, theatre.
 Daily 10:35—11:25 H 110

S 247 MODERN STAGE PRODUCTION (2)

GORELIK

The development of the styles of the past 75 years, their present-day evaluation and future possibilities.

Daily 9:10—10:00 HE 1

ECONOMICS

S 140 INTRODUCTION TO ECONOMICS (2)

SLATE

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.

Daily 7:45—8:35 Cr 103



Elementary Creative Art is one of the many courses for teachers from elementary and secondary schools designed to increase their success as teachers. Individual and group projects investigate the creative use of art materials, tools, ideas, and their sources.

- S 254 THE ECONOMIC SYSTEM OF SOVIET RUSSIA (3) STANFIELD
 An intensive analysis of the Soviet ideology. A systematic study of major political and economic institutions and policies of the USSR including such topics as: national planning, property relations, organization of production and distribution, money and banking, national income, savings and investment, standard of living, productivity of labor, position of the individual worker and farmer, functions of trade unions, foreign economic relations, and post-Stalin changes and developments.
 Daily 11:35—12:50 Cr 208
- S 256 MONEY AND BANKING (2) KAMINS
 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.
 Daily 9:10—10:00 W 216
- S 261 PUBLIC FINANCE (3) KAMINS
 Public expenditures; extent, purposes, determinants, effects. Public revenues: public domains and industries, fees, assessments, charges, taxation. Public credit and fiscal administration.
 Daily 11:35—12:50 G 101
- S 265 GOVERNMENT AND BUSINESS (2) ALBRECHT
 Ways in which business and economic life are affected by government: government aids to business, regulation of business organization and combination, price control, and government ownership.
 Daily 12:00—12:50 Cr 207
- S 281 LABOR PROBLEMS (3) PERLMAN
 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.
 Daily 8:45—10:00 H 102

EDUCATION

The Ed.B. or equivalent is prerequisite to registration in any Education Course numbered 300 or above, except by special permission of the department chairman.

- S 210 AUDIO-VISUAL AIDS, INDUSTRIAL (2) FEIRER
 Types of instructional aids and methods of evaluating them; development, preparation, construction, and use of typical aids; methods of using instructional aids and the operation of audio-visual equipment by the teacher of industrial subjects.
 Daily 7:45—8:35 W 106
- S 217 VOCATIONAL EDUCATION AND COMMUNITY NEEDS (2) FEIRER
 Community needs and resources in relation to the planning and conducting of vocational education; economic factors, government controls, organization of labor and management as influences on the need for and nature of vocational offerings.
 Daily 12:00—12:50 W 202
- S 220 INSTRUCTIONAL MATERIALS FOR INDUSTRIAL ARTS (2) FEIRER
 The organization and development of instructional materials based on a survey of teachable content in the Industrial Arts field.
 Daily 9:10—10:00 W 202
- S 225 SCHOOL PUBLICATIONS (2) SCOTT
 Workshop in newspaper, magazine, and yearbook copy editing, proofreading, headline composition, and page display; principles of organization and management; elements of publishing law; executive duties; policy problems, mechanics of publication; principles of typography selection and display; printing processes; printing contracts. Two lectures, three laboratory sessions a week.
 Daily 1:10—2:00 H 210

- S 232 UNDERSTANDING CHILDREN (3) HYMES
 A survey of significant facts about child development with emphasis on behavior and misbehavior in the classroom. This course is primarily for teachers on the preschool-primary and lower elementary levels.
 Daily 10:10—11:25 Geo 228
- S 233 CURRENT AFFAIRS IN SECONDARY SOCIAL STUDIES (2) NELSON
 Modern methods of using current materials in secondary social studies, and of co-ordinating these materials with historical and other standard curriculum content materials.
 Daily 12:00—12:50 W 215
- S 240 SOCIAL STUDIES, ELEMENTARY (2) YANG
 Scope and organization of the social studies for the elementary school; development of social knowledge and understanding in childhood experience. Prerequisite: Education 285-286.
 Daily 7:45—8:35 W 215
- S 243 LANGUAGE ARTS, ELEMENTARY (3) YANG
 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. Prerequisite: Education 285-286.
 Daily 10:10—11:25 W 215
- S 259 THE GUIDANCE PROGRAM IN INTERMEDIATE AND HIGH SCHOOLS (3) WRENN
 An overview of the total guidance program in the secondary school; functions of principal, classroom teachers, specialized guidance worker; goals of the guidance program. This course is designed primarily for classroom teachers and administrators who are not guidance specialists.
 Daily 7:20—8:35 W 216
- S 261 TESTS AND MEASUREMENTS (3) LUM
 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. Prerequisite: credit or concurrent registration in Education 250 or 280, or 283-284 or 285-286.
 Daily 10:35—11:25 Laboratory, M Th, or T F 7:20—8:35 W 105, 106; Lab, W 201
 11:35—12:50
- S 262 CREATIVE ART, ELEMENTARY (2) SCHUMAN
 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, Education 285-286.
 Daily 10:35—12:50 WA-1
- S 264 ART FUNDAMENTALS FOR THE TEACHER (ATTP) (2) SCHUMAN
 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. Studio fee \$5.00.
 Daily 7:45—10:00 WA-1
- S 267 OCCUPATIONAL INFORMATION IN GUIDANCE (2) DOI
 Occupational research and survey techniques; trends; sources of materials; use of occupational information in vocational guidance and placements; correlation with other school subjects.
 Daily 9:10—10:00 W 203
- S 280 PRINCIPLES OF ELEMENTARY EDUCATION (4) FITZSIMMONS, PERRY
 (2 sections)
 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.
 Daily 10:35—12:15 (Fitzsimmons) UHS 201, 204, 206
 10:35—12:15 (Perry) UHS 233, 230, 221

- S 282 LITERATURE FOR ADOLESCENTS (2) DOGGETT
Literature for the secondary school level; methods for helping students appreciate the significance and meaning of literature; selection of materials suitable to varying levels of ability and interests. Daily 12:00—12:50 W 203
- S 287 AUDIO-VISUAL EDUCATION (3) SANNER
(2 sections)
Theory, preparation, and use on all school levels of sensory aids to learning. Laboratory fee \$3.00. Daily 8:45—10:00 W 105, 106
11:35—12:50 W 105, 106
- S 292(8) WORKSHOP IN AVIATION EDUCATION (5) SORENSON, STAFF
A general education approach to aviation, American air power, the simple scientific principles of aviation, vocational opportunities, and the social-economic-political impact of the airplane upon a "shrinking" world; emphasis upon ways aviation can enrich general course offerings; consultation with leaders in aviation and education, preparation of curriculum materials at all grade levels, orientation flights (if requested), field trips, and beginning leadership experiences in aviation education. (Students are expected to enroll for this course only.) Course fee \$17.50 to cover cost of supplies and equipment. June 16—July 17.
M T W Th 8:00—3:30 Hawaiian Village Hotel
- S 292(17) WORKSHOP FOR ELEMENTARY SCHOOL PRINCIPALS (5) EAVES
The leadership functions of the elementary school principal, with particular emphasis on the principal's role as curriculum co-ordinator; investigation of resources, methods, and evaluative techniques for effective curriculum co-ordination.
Daily 7:45—10:00; add. hrs. arr. UHS 103, 104, 105, 108
- S 292(18) WORKSHOP IN SECONDARY CURRICULUM (5) BELLACK
Exploration and evaluation of various aspects of the secondary school curriculum; co-ordination and articulation; particular attention to the role of the secondary school principal, vice-principal, department heads, division chairmen, etc.
Daily 7:45—10:00; add. hrs. arr. UES Aud., Kit., 114, 116
- S 292(19) WORKSHOP IN INTEGRATION OF INSTRUCTION (5) SHANE
Recent developments in teaching techniques; planning "large block" instruction in the elementary grades to meet psychological needs of pupils and at the same time insure mastery of fundamental skills and information.
Daily 7:45—10:00; add. hrs. arr. UHS 115, 133, 136, 137, 111
- S 292(20) WORKSHOP IN TEACHING RETARDED CHILDREN (5) COCHRAN
Basic organization of programs for mentally retarded, educable and trainable; classification and testing; curriculum development and principles of teaching mentally retarded; guidance and evaluation, integrated with demonstration class and arts and crafts course. Course fee \$7.00.
Daily 8:30—3:00
- S 302 DYNAMICS OF CLASSROOM BEHAVIOR (2) HYMES
Exploration of motivations of pupils' and teachers' behavior; principles of effective association among pupils and between pupils and teacher. Major emphasis on preschool-primary and lower elementary levels.
Daily 7:20—8:35 Geo 228
- S 303 EDUCATION IN THE HOME (2) LAMPARD
A review of principles of learning as these apply in the home situation; parents and siblings as teachers; bases for desirable co-operation between home and school in the education of children; definitions of the roles peculiar to each.
Daily 10:35—11:25 W 203, UHS 213, 214, 215
- S 304 INTERVIEWING AND DIAGNOSIS IN COUNSELING (2) WRENN
Techniques for conducting successful counseling interviews; principles and cautions in making diagnoses; checking and refining counseling diagnoses. This course is intended primarily for present or prospective school guidance workers. Prerequisite: Psychology 257 or 357 or equivalent.
Daily 10:35—11:25 W 210

- S 322 EXTRA-CLASS ACTIVITIES IN SECONDARY SCHOOLS (2)** **CROSSLEY**
 Planning and supervising student government, dramatics, athletics, school journalism, campaigns, contests, and other activities.
 Daily 12:00—12:50 W 210
- S 328 SUPERVISION OF INSTRUCTION (2)** **STOOPS**
 Principles underlying supervision, methods of supervision, in-service training of teachers, teacher evaluation, teachers' meetings, development of group leadership, skill in human relations. Prerequisite: Education 390 and teaching experience.
 Daily 10:35—11:25 Cr 201
- S 329 CURRICULUM CONSTRUCTION (3)** **CROSSLEY**
 Principles underlying curriculum construction at all levels, developing resource units, locating appropriate curriculum materials, methods of curriculum revision. Prerequisite: teaching experience.
 Daily 8:45—10:00 W 210
- S 340 PHILOSOPHY OF EDUCATION (3)** **HANCEY**
 (2 sections)
 Philosophy and science in education; special, psychological, and ethical considerations essential to the development of a philosophy of education; implications of philosophical viewpoints for policy in education.
 Daily 7:20—8:35 F
 10:10—11:25 Ch 150
- S 350 HISTORY OF EDUCATION (2)** **NELSON**
 Survey of the history of educational thought and practice as a basis for the study of modern school problems.
 Daily 9:10—10:00 F
- S 363 SEMINAR IN EDUCATIONAL ADMINISTRATION (2)** **EVERLY**
 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 390 and 326 or 327.
 Daily 9:10—10:00 W 201
- S 364 TESTS AND INVENTORIES IN GUIDANCE (2)** **DOI**
 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 or Psychology 264, or consent of instructor.
 Daily 12:00—12:50 W 216
- S 365 SEMINAR IN SUPERVISION OF INSTRUCTION (2)** **STOOPS**
 The supervisory work of the principal; the place of supervision; organization for supervisory service; techniques. Restricted to administrators and prospective administrators. Prerequisite: Education 328 and consent of instructor.
 Daily 7:45—8:35 W 202
- S 380 RESEARCH AND THESIS WRITING (3)** **WHITE**
 Research techniques and thesis development; designed to assist students in thesis preparation. Prerequisite: Education 340; Psychology 351; credit or concurrent registration in Psychology 260; consent of instructor.
 Daily 7:20—8:35 Cr 104
- S 390 PUBLIC SCHOOL ORGANIZATION (2)** **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.
 Daily 7:45—8:35 Geo 226

- S 392 (8) WORKSHOP IN AVIATION EDUCATION (5) SORENSON, STAFF
 Prerequisite: Credit in an aviation education workshop in an accredited university or demonstration of competence and interest in the field of aviation education; a professionally conducted academic seminar, including directed reading with study oriented toward individual projects, designed to develop leadership in aviation education. The following areas will be stressed: curriculum development and materials, teaching methods and techniques, school and community aviation education leadership activities, and advanced research in aviation education and space travel. (Students are expected to enroll for this course only.) Course fee \$17.50 to cover cost of supplies and equipment. June 16—July 17.
 M T W Th 8:00—3:30 Hawaiian Village Hotel

ENGINEERING

- S CE 101 SURVEYING (4) AVERY
 Use of tape, level, and transit; horizontal and vertical control surveys; computations. Daily recitations and field or drafting (laboratory) periods. Prerequisite: Mathematics 150; MD 101. Laboratory fee \$2.00.
 Recitations, daily 8:00—9:00 Laboratory, daily 9:00—12:00 E 11
- S CE 227 ROUTE SURVEYING (3) CHIU, ENGMAN, SERBOUSEK, TINNISWOOD
 (4 sections)
 Principally field work; curves, earthwork, grades, reconnaissance, preliminary surveys, route location, and design. Prerequisite: CE 102. Laboratory fee \$3.00. Seven hours daily for three weeks, August 25—September 12.
 Daily 8:00—4:00 E 11, 12, 25, 33
- S CE 251 STATICS (3) EVANS
 Stresses in joint structures; effect of forces on bodies at rest. Prerequisite: one semester of Physics 104.
 Daily 8:05—9:20 E 25
- S MD 101 ENGINEERING DRAWING (2) CORBA
 Elements of drafting, sketching and lettering: isometric, oblique, and orthographic projections; working drawings, conventions, standards, and blueprinting. Laboratory fee \$1.00.
 Daily 8:00—11:00 E 12
- S MD 152 DESCRIPTIVE GEOMETRY (2) CORBA
 Principles of descriptive geometry, basic point, line, intersections and development of surfaces; applications to engineering problems. Prerequisite: MD 101.
 Daily 1:00—4:00 E 12

ENGLISH

- S 101 COMPOSITION (3) MANEY, FUJIMURA, DOGGETT
 (3 sections)
 Principles and practice of composition—expository forms. First semester. For all students qualifying in university entrance examinations.
 Daily 7:20—8:35 (Maney) Cr A 7
 8:45—10:00 (Fujimura) Cr A 7
 10:10—11:25 (Doggett) Cr A 7
- S 101C COMPOSITION (3) D. BROWN, TEEVAN
 (2 sections)
 Principles and practice of composition—expository forms including a research project. Second semester. Prerequisite: English 101.
 Daily 7:20—8:35 (D. Brown) Cr A 6
 11:35—12:50 (Teevan) Cr A 6

- S 109 BUSINESS ENGLISH (2)** **D. BROWN**
 Theory and practice in forms of business communication: letters, reports, analyses, special studies, records. A required course for sophomores in the College of Business Administration. Prerequisite: English 101C or the equivalent.
 Daily 9:10—10:00 Cr A 6
- S 150 SURVEY OF ENGLISH LITERATURE (3)** **KORN**
 A chronological survey of English literature from Beowulf to Sheridan; an introductory course for sophomores. First semester.
 Daily 8:45—10:00 HE 2
- S 150C SURVEY OF ENGLISH LITERATURE (3)** **HEISER**
 A chronological survey of English literature from Blake to the present, including contemporary American literature; an introductory course for sophomores. Second semester.
 Daily 8:45—10:00 HE 6
- S 208 INTRODUCTION TO POETRY (2)** **KORN**
 Analysis of selected English and American poems of the past and present, with emphasis on problems of communication and appreciation; a course in practical criticism.
 Daily 10:35—11:25 Cr A 6
- S 210 REPORT WRITING (2)** **TEEVAN**
 Principles of technical exposition, with composition and analyses of reports, papers, and selected types of professional writing; supplemented by readings and discussion of selections from general literature. Prerequisite: English 101C or the equivalent.
 Daily 7:45—8:35 Ch 308
- S 263 LITERATURE OF THE PACIFIC (3)** **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 Nordhoff and Hall.
 Daily 8:45—10:00 Gil 212
- S 264 AMERICAN HUMOR AND SATIRE (2)** **HEISER**
 Studies in the development of humor and satire as commentaries on American culture in the last 100 years, including the works of the Cracker-Box Philosophers, Mark Twain, Joel Chandler Harris, Finley Peter Dunne, Ring Lardner, Ogden Nash, Robert Benchley, James Thurber, and E. B. White.
 Daily 10:35—11:25 Cr 101
- S 271 MASTERPIECES OF WESTERN LITERATURE (2)** **FUJIMURA**
 A comparative study of classical, Biblical, and medieval literature, with readings (in English) in Homer, the Greek dramatists, Vergil, the Bible, Dante.
 Daily 12:00—12:50 Cr 101
- S 286 VICTORIAN NOVEL (3)** **MILLER**
 Five nineteenth-century novels: *Great Expectations*, *Wuthering Heights*, *Adam Bede*, *The Ordeal of Richard Feverel*, and *The Mayor of Casterbridge*.
 Daily 8:45—10:00 Ch 307
- S 311 SEMINAR IN ENGLISH LITERATURE (2)** **MILLER**
 Gerard Manley Hopkins and William Butler Yeats: an intensive study of the two poets, with major emphasis on poems, but with attention also to letters, essays, and plays.
 M W F 11:35—12:50 SL 504

FRENCH

S 100 ELEMENTARY FRENCH (3)

GELFAND

An intensive course in reading, writing and conversation, with additional oral practice in the language laboratory; the equivalent of a full semester's work in the academic year. One hour of lab drill daily is required. Laboratory fee \$1.00. First 5-week term: June 23—July 25.

Daily 8:00—10:00 Laboratory, daily 10:15—11:10 Cr 206

11:15—12:10

12:15—1:10

S 100C ELEMENTARY FRENCH (3)

JACKSON

Continuation of S100; the equivalent of the second semester's work in the academic year. Students completing this course with a passing grade may take Intermediate French. One hour of lab drill daily is required. Laboratory fee \$1.00. Second 5-week term: July 28—August 29.

Daily 8:00—10:00 Laboratory, daily 10:15—11:10 Cr 206

11:15—12:10

12:15—1:10

S 101 INTERMEDIATE FRENCH (3)

WISWELL

Reading, conversation, dictation. Laboratory drill; the equivalent of a full semester's work in the academic year. Prerequisite: one year college or two years high school French. One hour of lab drill daily is required. Laboratory fee \$1.00. First 5-week term: June 23—July 25.

Daily 8:00—10:00 Laboratory, daily 10:15—11:10 Ch 334

11:15—12:10

12:15—1:10

S 101C INTERMEDIATE FRENCH (3)

ASPINWALL

A continuation of S 101; the equivalent of the second semester's work in the academic year. Students passing this course will have fulfilled the college language requirement. Prerequisite: French 101, or with special consent three years high school French. One hour of lab drill daily is required. Laboratory fee \$1.00. Second 5-week term: July 28—August 29.

Daily 8:00—10:00 Laboratory, daily 10:15—11:10 Ch 334

11:15—12:10

12:15—1:10

GEOGRAPHY

S 260 GEOGRAPHY OF HAWAII (2)

CHUN

The regional, physical, and cultural geography of Hawaii. A detailed study of the people and resources of the land. Students to purchase their own maps for classwork.

Daily 10:35—11:25 H 107

S 263 GEOGRAPHY OF THE PACIFIC ISLANDS (2)

WIENS

Polynesia (except Hawaii), Melanesia, and Micronesia. Students to purchase their own maps for classwork.

Daily 9:10—10:00 D 6

S 264 GEOGRAPHY OF INDIA AND SOUTHEAST ASIA (2)

WIENS

Description of the major geographic regions of India and Southeast Asia, with study of the geographic factors functional in the history, politics, and economics of the area. Students to purchase their own maps for classwork.

Daily 12:00—12:50 H 201

GERMAN

S 100 ELEMENTARY GERMAN (3)

MUELLER

An intensive course in reading, grammar, conversation, and writing; additional oral drill in laboratory; equivalent of a full semester's work in the academic year. Laboratory fee \$1.00. First 5-week term: June 23—July 25.

Daily 10:00—12:00 Laboratory, 8:30—9:30 Ch 334

S 100C ELEMENTARY GERMAN (3)

SINGER

Continuation of S 100; the equivalent of the second semester's work in the academic year. Students completing this course with a passing grade may take German 101 or 102, or both. Laboratory fee \$1.00. Second 5-week term: July 28—August 29.

Daily 10:00—12:00 Laboratory, 8:30—9:30 Ch 334

GOVERNMENT

S 150 INTRODUCTION TO GOVERNMENT (3)

INOUYE

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.

Daily 10:10—11:25 Cr 105

S 240 DEMOCRACY AND COMMUNISM (2)

EWING

Survey of the ideological development of the present rivals for man's political allegiance.

Daily 9:10—10:00 Cr 104

S 256 AMERICAN POLITICAL PARTIES (2)

ANDERSON

The organization, methods, and functions of political parties, with special attention to the electoral and organizational aspects of party behavior.

Daily 7:45—8:35 Cr 101

S 260 INTRODUCTION TO INTERNATIONAL RELATIONS (2)

ANDERSON

A study of the factors which condition the foreign policy of states: nationalism, imperialism, and power politics. Outstanding problems of world politics.

Daily 10:35—11:25 Cr 315

S 202 MODERN AMERICAN CONSERVATISM (2)

EWING

A study of the principles underlying current American conservative thought, as expressed by Hoover, Kirk, Lippmann, Viereck, Rossiter, and Root, their relation to the political ideas of earlier conservatives such as Burke, Hamilton, Calhoun, von Treitschke, Brooks Adams, Maritain.

Daily 12:00—12:50 Cr 102

HEALTH AND PHYSICAL EDUCATION

S 110 SWIMMING FOR BEGINNERS (1)

ASATO

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.

Daily 8:00—8:50 Pool

S 111 INTERMEDIATE SWIMMING (1)

ASATO

(2 sections)

For students who have met the basic requirements in swimming and desire to develop additional skills in swimming and diving. Emphasis is placed largely on mastering leg and arm stroking movements. Activities and locker fee \$3.00.

Daily 9:00—9:50 Pool

10:00—10:50 Pool

S 112 ADVANCED SWIMMING (1)**ASATO**

For students who have met the basic and intermediate requirements in swimming and desire to develop additional skills in swimming and diving. Styles of swimming are mastered and emphasis is placed on co-ordination of parts into whole strokes for the purpose of developing ease, endurance, and versatility in the water. Prerequisite: consent of instructor. Activities and locker fee \$3.00.

Daily 11:00—11:50 Pool

S 124 DANCES OF HAWAII (1)**BEAMER, GAY, SHARPE**

(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 (pulis).

Daily (1) 8:00— 8:50 (Beamer) Gym
 (2) (Gay) Dance Studio
 (3) (Sharpe) UHS Gym
 (4) 9:00— 9:50 (Beamer) Gym
 (5) (Gay) Dance Studio
 (6) (Sharpe) UHS Gym
 (7) 10:00—10:50 (Beamer) Gym
 (8) (Gay) Dance Studio
 (9) (Sharpe) UHS Gym
 (10) 11:00—11:50 (Beamer) Gym
 (11) (Gay) Dance Studio
 (12) (Sharpe) UHS Gym

S 276 CURRENT TRENDS IN HEALTH (4)**BUCKLIN**

An analysis of the health situation and functions of various health agencies in Hawaii dealing with specific diseases and problems. Primarily for teachers and school administrators.

Daily 8:10—10:00 Gil 210

HISTORY**S 100 WORLD CIVILIZATION (3)****COWING**

A survey of the more significant political, social, economic, and intellectual factors in the development of the civilizations of the world from the ancient Middle East, Greece and Rome in the West, and the ancient cultures of China, Japan, and India in the East to the Seventeenth Century. First 5-week term: June 23—July 25.

Daily 8:30—10:00 Cr 105

S 100C WORLD CIVILIZATION (3)**SHINODA**

Continuation of the history of world civilization from the Seventeenth Century to the present day. Second 5-week term: July 28—August 29.

Daily 8:30—10:00 Cr 105

S 110 INTRODUCTION TO AMERICAN HISTORY (3)**HUNTER**

A general survey of the evolution of America from Columbus' voyages to the present, emphasizing the political, intellectual and social forces that have operated and that continue to guide the nation in the Twentieth Century.

Daily 8:45—10:00 Cr 209

S 201C HISTORY OF THE FAR EAST (2)**SHINODA**

Survey of the political, social, and economic history of the Far East in modern times. The course will emphasize the internal history of the principal civilizations of the Far East and their reaction to the introduction of Western civilization.

Daily 12:00—12:50 Cr 314

S 230 INDIA, PAKISTAN, AND CEYLON (2)

WALLBANK

A general historical survey of Modern India; the rise of nationalism, relations with the British Commonwealth before and after independence; relations with other nations both in and outside of the United Nations and particularly with the new nations of Asia; with particular stress on political, economic, social, and cultural developments since independence.

Daily 7:45—8:35 Cr 315

S 237 REVIEW OF AMERICAN HISTORY (3)

STALKER

This course is designed for teachers of American History on a secondary level and will be concerned with the following: The presentation of new viewpoints and interpretations in our history; the application of historical scholarship to the teaching of history; the use of historical generalization and hypothesis as a guide to course arrangement; the use of primary and secondary source material in the problem approach to history; the selection of teaching bibliographies and teaching aids; the role of the teacher in stimulating historical interest; the use of ideas and concepts in history; and the utilization of contemporary experience in illuminating both past and present.

Daily 9:10—10:25 Cr 314

S 247 THE UNITED STATES IN THE TWENTIETH CENTURY (2)

STALKER

An examination of the main political, intellectual, and diplomatic currents in American history since 1900. Emphasis will be put on such focal trends as the rise and decline of reform movements, the development of a consumer-oriented economy, the emergence of the United States as a world power, and the changing character of the conflict between liberty and security.

Daily 12:00—12:50 Cr 315

S 258 EUROPE SINCE VERSAILLES (2)

WALLBANK

Settlements of the First World War; political, economic, social, cultural, and international developments of the inter-war period; the rise of dictatorships, particularly of the Fascist, Nazi, and Communist states; the new states of the Middle East; the Second World War and its aftermath of new divisions in Europe, of efforts to unite and of recurring crises.

Daily 9:10—10:00 H 201

S 260 AMERICAN SOCIAL REFORM MOVEMENTS SINCE 1865 (2)

COWING

The story of the men who wanted to alter American life, and the organizations they founded. A consideration of reformers of various political complexions, from Henry George to Joseph McCarthy, and of groups as diverse as the Anti-immigration League and Americans for Democratic Action.

Daily 10:35—11:25 D 102

S 276 HISTORY OF THE HAWAIIAN ISLANDS (2)

HUNTER

Hawaii in the Pacific: Its people, its customs, its relations with the great powers. Emphasis on the period of the monarchy, the revolution and annexation, but with some attention to territorial problems and statehood.

Daily 10:35—11:25 Cr 209

HOME ECONOMICS

S HE 262 EDUCATION FOR FAMILY LIFE (3)

LAMPARD

The individual's contribution to successful family living. Courtship, engagement, and relationships within the family. Emphasis upon analysis of personal problems. Open to both men and women.

Daily 8:45—10:00 HE 101

S HE 372 CURRICULUM DEVELOPMENT IN CLOTHING (3)

HARRELL

Designed primarily for homemaking teachers in Hawaii. Emphasis will be on the preparation of a resource unit in the area of clothing. 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. Prerequisite: consent of department chairman. June 23—July 11. Full-time program HE 201, 206

Hawaiian, Chinese, Filipino, Japanese, and Korean cookery is prepared by students in the course, Foods of the Pacific, which investigates the eating habits and customs of these cuisines represented in Hawaii. Trips to food markets and factories will be arranged.



S HS 210 FOODS OF THE PACIFIC (3)

MURAI, 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. Trips to food markets and factories will be arranged if desired. One 2-hour lecture period and two 2½-hour laboratory periods weekly. Prerequisite: Home Economics courses in foods or previous experience in food preparation or consent of instructor. Open to men and women. Laboratory fee: \$20.00.

Lecture, M 10:30—12:20 Laboratory, T Th 10:10—12:50 HE 2; Lab, HE 103, 107
W F 10:10—12:50

JAPANESE

S 100 ELEMENTARY JAPANESE (3)

FUJIOKA

An intensive course in reading, writing, and conversation with additional oral practice in the language laboratory; the equivalent of a full semester's work in the academic year. One hour of lab drill daily is required. Laboratory fee \$1.00. First 5-week term: June 23—July 25.

Daily 8:00—10:00 Laboratory, daily 10:15—11:10 W 107
11:15—12:10
12:15—1:10

S 100C ELEMENTARY JAPANESE (3)

FUJIOKA

Continuation of S 100; the equivalent of the second semester's work in the academic year. Students completing this course with passing grade may take Intermediate Japanese. One hour of lab drill daily is required. Laboratory fee \$1.00. Second 5-week term: July 28—August 29.
Daily 8:00—10:00 Laboratory, daily 10:15—11:10 W 107

11:15—12:10

12:15—1:10

S 101 INTERMEDIATE JAPANESE (3)

UYEHARA

Reading and translation; practical conversational exercises and analytical study of more Chinese characters; the equivalent of a full semester's work in the academic year. One hour of lab drill daily is required. Laboratory fee \$1.00. First 5-week term: June 23—July 25.

Daily 8:00—10:00 Laboratory, daily 10:15—11:10 G 101

11:15—12:10

12:15—1:10

S 101C INTERMEDIATE JAPANESE (3)

UYEHARA

Continuation of S 101; the equivalent of the second semester's work in the academic year. Students passing this course will have fulfilled the college language requirement. One hour of lab drill daily is required. Laboratory fee \$1.00. Second 5-week term: July 28—August 29.

Daily 8:00—10:00 Laboratory, daily 10:15—11:10 G 101

11:15—12:10

12:15—1:10

LIBRARY SCIENCE**S 292(2) WORKSHOP—NEW DIRECTIONS IN SCHOOL LIBRARY WORK (5) DOUGLAS**

The role of the library in today's school; trends in organization and administration, selection and utilization of curriculum related materials, promotional and public relations areas, and guidance of students in using library materials. For in-service librarians and administrators. July 14—August 1.

Daily 8:00—3:00 UHS Library

MATHEMATICS

For courses in Philosophy of Mathematics and Foundations of Mathematics, to be taught in the Institute for Science and Mathematics Teachers, see pp. 8-9.

S 120 INTRODUCTION TO MATHEMATICS (3)

McCOY

To acquaint the nonspecialist with the position of mathematics in modern culture.

Daily 8:45—10:00 Gil 213

S 149 INTERMEDIATE ALGEBRA (3)

CAMPBELL

Daily 7:20—8:35 H 5

S 150 PLANE TRIGONOMETRY (3)

CAMPBELL

Prerequisite: two years of high school algebra or Mathematics 149; one year of plane geometry. No credit if taken after Mathematics 152.

Daily 10:10—11:25 Cr 206

S 151 COLLEGE ALGEBRA (3)

DAVIS

(2 sections)

Prerequisite: two years of high school algebra or Mathematics 149; one year of plane geometry.

Daily 7:20—8:35 Gil 212

8:45—10:00 H 1

S 152 PLANE ANALYTICAL GEOMETRY (3)

RIFFENBURGH

(2 sections)

Prerequisite: Mathematics 150; credit or concurrent registration in Mathematics 151.

Daily (1) 7:20—8:35 H 2

(2) 8:45—10:00 H 2

- S 153 DIFFERENTIAL CALCULUS (3) CLARK
 (2 sections)
 Prerequisite: Mathematics 152.
 Daily 7:20—8:35 H 1
 8:45—10:00 H 5
- S 154 INTEGRAL CALCULUS (3) TOWNES
 Prerequisite: Mathematics 153.
 Daily 8:45—10:00 H 12
- S 155 CALCULUS APPLICATIONS (3) TOWNES
 Includes partial differentiation, multiple integration, and elementary differential equations. Prerequisite: Mathematics 154.
 Daily 11:35—12:50 Gil 213
- S 283 INTRODUCTION TO HIGH-SPEED COMPUTATION (2) McCOY
 An introductory course designed to acquaint the student with some of the basic ideas of today's methods of obtaining numerical answers speedily. Prerequisite: Mathematics 154.
 Daily 10:35—11:25 D 6

MEDICAL TECHNOLOGY

- S 266 MEDICAL TECHNOLOGY (4) KAGAWA
 Student technician training in a co-operating laboratory under the supervision of a qualified director. Prerequisite: Bacteriology 262, 264.
 Hours arranged by instructor

MILITARY SCIENCE

- S 255 SUMMER CAMP (2) STAFF
 A camp training period to supplement the instruction previously received by students in MS 100, 150, and 200. Applicatory training in military subjects to include weapons firing, field combat problems, physical training, and other general military subjects which are necessary to qualify the student for appointment in the Army Reserve or the Regular Army. Camp attendance is required between Military Science 200 and 250 unless deferment is authorized.

MUSIC

- S 106 GROUP VOICE INSTRUCTION (1) VINE
 Basic principles of voice production and elementary music skills in classes of twenty.
 Daily 7:45—8:35 MB 19
- S 110 MUSIC APPRECIATION (3)
 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.
 Daily 11:35—12:50 Geo 228
- S 140 RECREATIONAL MUSIC (2) 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.
 Daily 9:10—10:00 MB 2
- S 150 ELEMENTARY MUSICIANSHIP (3)
 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.
 Daily 10:10—11:25 MB 19

- S 159(4) INSTRUMENTAL MUSIC (2) STAFF
 Intended for students preparing to teach instrumental music. Designed to give a basic knowledge of the instruments of the band and orchestra. Woodwind instruments only.
 Daily 7:45—8:35 MB 2
- S 209 UNIVERSITY CHORUS (1) VINE
 Daily 12:00—12:50 F
- S 229 SYMPHONIC LITERATURE (3) FRANKENSTEIN
 A survey of the history of the symphony from the late 18th century to the present day. Illustrations will be drawn from the works of Haydn, Mozart, Beethoven, Schubert, Brahms, Harris, Hindemith, Stravinsky, and others. Prerequisite: ability to read musical scores and consent of instructor. Course fee \$3.00.
 Daily 11:35—12:50 SL Audio
- S 231 HISTORY AND THEORY OF JAPANESE MUSIC (3) KISHIBE
 Development of Japanese music from the earliest times to the present. Illustrated with slides, recordings, and demonstrations. Prerequisite: some work in appreciation, fundamentals, or applied music; or consent of instructor. Course fee \$3.00.
 Daily 8:45—10:00 SL Audio
- S 232 HISTORY OF CHINESE MUSIC (2) KISHIBE
 Development of Chinese music with special emphasis on the music of the T'ang dynasty. Illustrated with slides, recordings, and demonstrations. Prerequisite: some work in appreciation, fundamentals, or applied music; or consent of instructor. Course fee \$2.00.
 Daily 10:35—11:25 SL Audio
- S 252 MUSIC, ELEMENTARY CURRICULUM (2) KAHANANUI
 Organization and direction of music in childhood experience. A survey of materials and procedures. Prerequisite: Music 150.
 Daily 9:10—10:00 MB 19

Applied Music

Students who are registering for Applied Music courses must see the chairman of the Music Department before registration takes place.

- S 101(1) CLASS INSTRUCTION (1) STAFF
 Class instruction in piano. Two lessons per week. Practice facilities in Music Building. Course fee \$20.00.
 Hours arranged MB 2
- S 101(2) CLASS INSTRUCTION (1) VINE
 Class instruction in voice. Two lessons per week. Practice facilities in Music Building. Course fee \$20.00.
 Hours arranged
- S 101(3) CLASS INSTRUCTION (1) STAFF
 Class instruction in string instruments. Two lessons per week. Practice facilities in Music Building. Course fee \$20.00.
 Hours arranged
- S 101(4) CLASS INSTRUCTION (1) STAFF
 Class instruction in woodwind instruments. Two lessons per week. Practice facilities in Music Building. Course fee \$20.00.
 Hours arranged
- S 101(5) CLASS INSTRUCTION (1) STAFF
 Class instruction in brass instruments. Two lessons per week. Practice facilities in Music Building. Course fee \$20.00.
 Hours arranged

- S 101 (6) CLASS INSTRUCTION (1)** **STAFF**
 Class instruction in percussion instruments. Two lessons per week. Practice facilities in Music Building. Course fee \$20.00.
 Hours arranged
- S 102 (1, 2, 3, 4, 5, 6) CLASS INSTRUCTION (1)** **STAFF**
 Class instruction in piano, voice, strings, brass, and percussion. Course fee \$20.00. Practice facilities in Music Building. Two lessons per week.
 Hours arranged
- S 105 (1, 2, 3, 4, 5, 6, 7) INDIVIDUAL INSTRUCTION** **STAFF**
 Piano, organ, voice, or orchestral instruments. For nonmusic majors, or music majors who intend it as a secondary medium of performance. May be repeated.
 Hours arranged
- S 149, S 169, S 249, S 269, S 349** **STAFF**
 Individual instruction in piano, voice, string, woodwind, brass, percussion, organ. Course number assigned after auditions with Music Department staff members.
 Hours arranged

NURSING

- S 210 TUBERCULOSIS NURSING (6)** **CAMARA**
 (2 sections)
 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. Eight weeks. Registration in this course is restricted to students in the School of Nursing except by special permission.
 Dates and hours to be arranged
- S 290 FIELD WORK IN PUBLIC HEALTH NURSING (6)** **TAMASHIRO**
 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 in the School of Nursing. Eight weeks.
 Hours to be arranged

PHILOSOPHY

- S 100 INTRODUCTION TO PHILOSOPHY (3)** **McCARTHY**
 The problems, methods, and fields of philosophy.
 Daily 8:45—10:00 H 107
- S 240 PHILOSOPHY IN LITERATURE (2)** **McCARTHY**
 Literary expression of philosophical ideas. Consideration of such writers as Beauvoir, Bernanos, Camus, Hemingway, Kafka, Rilke, Sartre, and T. S. Eliot.
 Daily 10:35—11:25 Cr 102

PHOTOGRAPHY

- S 100 PRINCIPLES OF PHOTOGRAPHY (2)** **HAYASHI**
 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 their own cameras. Course fee \$1.00.
 M W F 1:00—2:15 G 101

PSYCHOLOGY

Psychology 150, 156, or the equivalent is prerequisite to all psychology courses listed below with the exception of Psychology S 140.

- S 140 PSYCHOLOGY OF ADJUSTMENT (3) ARKOFF**
Understanding and improving personal adjustment to everyday life. Motivation, frustration, conflict, anxiety, adjustment mechanisms. Adjustment in family, culture, school, vocation, sex, marriage, and later maturity. Credit may not be earned in both Psychology 140 and 292.
Daily 10:10—11:25 Cr 103
- S 150 GENERAL PSYCHOLOGY (4) OKAZAKI**
A survey of the facts and principles fundamental to human behavior and experience. Individual differences, personality, motivation, emotion, sensing, perceiving, learning, and thinking. Not open to those who have had Psychology 156. Lecture and laboratory. Laboratory fee \$1.00.
Daily 8:45—10:00 Laboratory, M W 10:10—12:00 Cr 103; Lab, Geo 305
1:30—3:20
- S 185 PSYCHOLOGY OF INFANCY AND CHILDHOOD (2) HERRICK**
Principles basic to the normal development of the infant and child; emphasis upon physical, emotional, intellectual, and social development.
Daily 10:35—11:25 Cr 208
- S 186 PSYCHOLOGY OF ADOLESCENCE AND MATURITY (2) HERRICK**
Developmental characteristics during preadolescent, adolescent, and adult years; emphasis upon physical, emotional, intellectual, and social factors and changes.
Daily 7:45—8:35 Cr 208
- S 250 APPLIED PSYCHOLOGY (2) LIVESAY**
Application of psychological principles to problems of personal efficiency and to the fields of commerce, highway traffic, law, and medicine.
Daily 9:10—10:00 Cr 101
- S 260 STATISTICAL TECHNIQUES (3) HAMMOND**
Use of statistical techniques in psychological problems; measures of central value and variability; graphic methods; correlation; reliability of measures; tests of significance. Prerequisite: two years of high school algebra or Mathematics 149 or consent of instructor.
Daily 8:45—10:00 Cr 102
- S 264 PSYCHOLOGICAL MEASUREMENTS (2) HAMMOND**
Principles in the construction, validation, and administration of psychological tests; interpretation and application of scores; familiarization with various types of group tests. Prerequisite: Psychology 260.
Daily 10:35—11:25 Cr 106
- S 272 PSYCHOLOGY OF LEARNING (2) GARRETT**
A study of the major conditions influencing learning and forgetting; the role of motivation, rewards, and practice; theoretical interpretations of the learning process.
Daily 9:10—10:00 Cr 313
- S 283 PSYCHOLOGY OF PERSONALITY (3) VINACKE**
The development of personality; components of personality; critical evaluation of research on various aspects of personality.
Daily 11:35—12:50 Cr 104
- S 292 MENTAL HYGIENE (3) LIVESAY**
Basic needs, frustrations, conflicts and fears. Conditions requisite to mental health and satisfactory social adjustment. Prevention of maladjustment. Applications to problems of school and home.
Daily 11:35—12:50 Cr 201

- S 295 ABNORMAL PSYCHOLOGY (3) SHOBNEN
The nature and causes of psychoneuroses and psychoses; abnormalities of intelligence; incipient abnormal traits manifested in everyday life; psychotherapy.
Daily 8:45—10:00 Cr 315
- S 321 GENERAL SEMINAR (2) SHOBNEN
Study and discussion of significant topics and problems in the field of psychology. In the 1958 Summer Session, the seminar will be devoted to Personality Dynamics and Learning.
Daily 10:35—11:25 Cr 314
- S 351 ADVANCED EDUCATIONAL PSYCHOLOGY (3) BITNER, GARRETT
Application of experimental evidence in psychology to major educational problems; the bearing of recent psychological theories upon education.
Daily 8:45—10:00 (Bitner) Cr 201
11:35—12:50 (Garrett) Cr 209

RELIGION

- S 151 RELIGION AND THE MEANING OF EXISTENCE (2) AOKI
An introduction to the basic ideas and issues of contemporary religious thought as they are related to the question, "What is the meaning of existence?" Among the issues to be discussed are: the meaning of man's search for himself; the nature of man; the content of such basic concepts as God, faith, estrangement and reconciliation.
Daily 9:10—10:00 Cr 208
- S 250 THE LIVING RELIGIONS OF HAWAII (2) AOKI
A comparative study of the basic beliefs, practices, and contributions of the religious forces most significant in Hawaii today, including Buddhism, Shinto, Confucianism, Taoism, Judaism, and Christianity.
Daily 10:35—11:25 Ch 308

SCIENCE

For special Science courses, Introduction to Modern Biology, Introduction to Modern Chemistry, and Introduction to Modern Physics, to be offered in the Institute for Science and Mathematics Teachers, see pp. 8-9.

- S 130 MODERN SCIENCE (5) EASLEY
Broad background course. Materials taken from all areas of science with particular attention to content usable in elementary grades. Enrollment limited to teachers who have not received credit in Survey 150-151 or Science 120-121.
Daily 7:45—10:00 Laboratory, M Th, T F 10:35—12:50 Ch 150
M Th, T F 1:30—3:45
- S 201 PRACTICAL ASTRONOMY (2) BRYAN
Fundamentals of visual astronomy: the apparent movements and location of heavenly bodies, including the sun, moon, planets and stars. Facts about the solar system: the sun, planets, their moons, comets, meteors; eclipses and how they are foretold; how the solar system may have been formed. Main facts about the stars: their number, magnitude, distance, brightness, color, temperature, size, and movements; variable stars. Our galaxy and other galaxies which make up an expanding universe. Star charts and how to use them. Practical uses of astronomy, especially in the calendar, time, mapping, and navigation. Astronomical observatories, ancient and modern, and the tools they use. Polynesian astronomy and how Pacific islanders have made practical use of the apparent position of the heavenly bodies. How astronomical knowledge has grown and what has been written about the subject.
Daily 10:35—11:25 D 105

Science teacher participants in the Institute for Science and Mathematics Teachers collect reef specimens at Coconut Island for study and use in their own classes. Ways to incorporate recent scientific developments into the science work of elementary and secondary schools are emphasized.



SOCIAL WORK

S 200 THE FIELD OF SOCIAL WORK (2)

MERRITT

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

Daily 7:45—8:35 Cr 314

S 325 CHILD WELFARE (2)

MERRITT

Survey of the development of specialized services for children in both public and private fields, including the consideration of current practice. Illustrative material from the various fields of child welfare service. Open to seniors. Prerequisite: Social Work 200.

9:10—10:00 W 204

SOCIOLOGY

S 151 INTRODUCTION TO THE STUDY OF SOCIETY (3)

O'BRIEN

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

Daily 8:45—10:00 G 108

S 250 COMMUNITY FORCES IN HAWAII (3)

GLICK

The basic factors and forces operating in contemporary society, with special attention to Hawaii. An orientation course designed for students planning careers in teaching, vocational home economics, recreation, public health, medicine, and other professions. Not open to students majoring in Sociology except by consent of instructor.

Daily 10:10—11:25 Cr 207

S 254 THE URBAN COMMUNITY (2)

O'BRIEN

Sociological principles applied to the modern city. Structure, growth, social and personal life organization in an urban setting.

Daily 7:45—8:35 Cr 106

S 255 SOCIAL DISORGANIZATION (2)

SCHMID

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.

Daily 10:35—11:25 Cr 104

S 258 RACE RELATIONS (2)

GLICK

Comparative analysis of race relations in different types of racial situations; interracial contacts, conflicts, and accommodations; miscegenation; race prejudice; effects of race relations upon personality, institutions, and social structure; problems and methods in desegregation and integration.

Daily 12:00—12:50 Cr 206

S 265 CRIMINOLOGY (2)

CHENG

Nature, causes and treatment of crime. Philosophies of correction and rehabilitation. Apprehension, probation, prosecution, prison administration, and parole.

Daily 9:10—10:00 Cr 207

S 267 THE FAMILY (3)

CHENG

Culturally distinctive family types as background for analysis and interpretation of American family life in its social contexts.

Daily 7:20—8:35 Cr 207

S 270 POPULATION AND SOCIETY (3)

SCHMID

Society analyzed in terms of the quantitative and qualitative aspects of birth and death rates, natural increase, and mobility.

Daily 8:45—10:00 Cr 106

S 292 HAWAII AND ITS PEOPLE (5)

YAMAMURA

Ecological, demographic, and cultural factors in the development of the modern Hawaiian community: analysis of factors affecting the definitions of race and race relations in Hawaii; institutional structure and function with special reference to the influences of native and immigrant institutions on contemporary life in Hawaii.

Prerequisite: Sociology 151 or equivalent. Fee for field trips \$9.00.

Daily 9:10—11:25 Field trips arranged G 106

SPEECH

S 100 FUNDAMENTALS OF SPEECH (1) (2 sections)

LEFFORGE

Speech as communication for social interaction. Information concerning speech production with emphasis on organization of ideas; training for mastery of speech standards. Conferences required. Course fee \$1.00.

Daily 7:45—8:35 W 204
9:10—10:00 W 204

S 101 SOUNDS AND RHYTHMS OF SPOKEN ENGLISH (1)

M. GORDON

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.

Daily 7:45—8:35 W 210

S 105 SOUNDS OF ENGLISH FOR PROSPECTIVE TEACHERS (1) M. GORDON, J. SMITH (4 sections)

The basic principles of sounds and rhythms of General American speech. Techniques for the correction of pronunciation and the improvement of rhythm. Use of the International Phonetic Alphabet. Conferences required. Course fee \$1.00.

Daily 7:45—8:35 (Smith) D 6
9:10—10:00 (Gordon) W 215
10:35—11:25 (Smith) W 201
12:00—12:50 (Gordon) D 6

S 150 PUBLIC SPEAKING (2) (2 sections)

LEFFORGE, J. SMITH

Basic principles of speech composition and delivery; preparation and delivery of speeches with attention to principles studied; special assistance with individual problems.

Daily 7:45—8:35 (Lefforge) Cr 313
12:00—12:50 (Smith) Cr 313

S 221 FUNDAMENTALS OF SPEECH CORRECTION (3)

ANSBERRY

Fundamentals of Speech Correction. A general survey of the principles and methods applicable to the rehabilitation of individuals with speech defects and disorders. Clinical observation required.

Daily 7:20—8:35 Cr 209

S 265 SPEECH FOR THE CLASSROOM TEACHER (2) (5 sections)

ANSBERRY, BRENEMAN,
LARSON

Speech pedagogy; principles and methods for the classroom teacher. Integration of speech improvement with all activities in the curriculum, with particular attention to speech problems in Hawaii. Prerequisite: Speech 100, 105.

Daily 7:45—8:35 (Breneman) D 8
9:10—10:00 (Ansberry) D 8
10:35—11:25 (Breneman) D 8
10:35—11:25 (Larson) G 101
12:00—12:50 (Larson) D 8

ZOOLOGY AND ENTOMOLOGY

S 191 ELEMENTARY HUMAN ANATOMY AND PHYSIOLOGY (3)

MATTHEWS

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.

Daily 8:45—10:00 G 110

Postsession

August 4—22

EDUCATION PS 264 ART FUNDAMENTALS FOR THE TEACHER (2) SCHUMAN
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. Studio fee \$5.00.
Daily 8:30—12:00 WA-1

EDUCATION PS 350 HISTORY OF EDUCATION NELSON
Survey of the history of educational thought and practice as a basis for the study of modern school problems.
Daily 10:30—12:20 W 105

EDUCATION PS 390 PUBLIC SCHOOL ORGANIZATION (2) 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.
Daily 8:30—10:20 W 106

ENGINEERING PS MD 101 MECHANICAL DRAWING (2) CORBA
Elements of drafting, sketching, and lettering: isometric, oblique, and orthographic projections; working drawings, conventions, standards, and blueprinting. Laboratory fee \$1.00.
Daily 8:00—11:00 E 12

HPE PS 221 PHYSICAL EDUCATION IN ELEMENTARY SCHOOL (2) SAAKE
(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.
Daily 8:00—10:20 Gym
10:30—12:50 Gym

SPEECH PS 266 SPEECH FOR THE CLASSROOM TEACHER (2) STAFF
(2 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. Special course planned for ATTP students. Prerequisite: Speech 105.
Daily 8:00—10:00 G 101
10:00—12:00 G 101

PSYCHOLOGY PS 351 ADVANCED EDUCATIONAL PSYCHOLOGY (3) BITNER
Application of experimental evidence in psychology to major educational problems; the bearing of recent psychological theories upon education.
Daily 8:00—10:30 Geo 226

ZOOLOGY PS 201 LIFE IN THE SEA (2) TOWNSLEY
A nontechnical account of life in the sea, with special emphasis on aspects 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.
Daily 8:30—10:20 Trips arranged G 108

Regular Session

HILO BRANCH

June 23—August 1

- EDUCATION HS 272 GUIDANCE FOR THE CLASSROOM TEACHER (2) MEYER**
Teacher's responsibility in counseling and group guidance, guidance methods, aids, and techniques as they apply to the classroom teacher. Not intended for the counselor major.
- EDUCATION HS 329 CURRICULUM CONSTRUCTION (3) MEYER**
Principles underlying curriculum construction at all levels, developing, resource units, locating appropriate curriculum materials, methods of curriculum revision.
- HISTORY S 110 INTRODUCTION TO AMERICAN HISTORY (3) WARSH**
A general survey of the evolution of America from Columbus' voyages to the present, emphasizing the political, intellectual and social forces that have operated and that continue to guide the nation in the Twentieth Century.
- SPEECH S 230 ORAL READING FOR PROSPECTIVE TEACHERS (1) CARROLL**
The oral interpretation of literature; getting and giving the meaning of the printed word. Conferences required. Prerequisite: Speech 100, 105. Course fee \$1.00.
- SPEECH S 265 SPEECH FOR THE CLASSROOM TEACHER (2) CARROLL**
Speech pedagogy; principles and methods for the classroom teacher. Integration of speech improvement with all activities in the curriculum, with particular attention to speech problems in Hawaii. Prerequisite: Speech 100, 105.