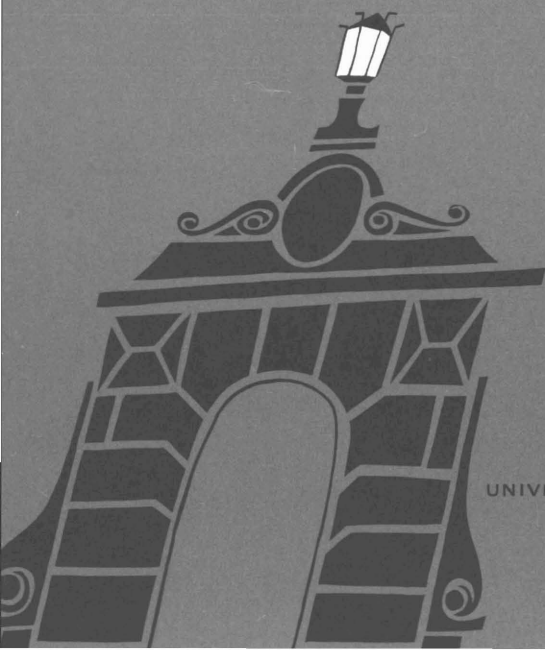


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1963 Summer Session Catalogue



UNIVERSITY OF HAWAII HONOLULU, HAWAII

**Thirty-seventh Annual
SUMMER SESSION
University of Hawaii
1963**

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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	1	2	3	4	5	6							1	2	3
2	3	4	5	6	7	8	7	8	9	10	11	12	13	4	5	6	7	8	9	10	
9	10	11	12	13	14	15	14	15	16	17	18	19	20	11	12	13	14	15	16	17	
16	17	18	19	20	21	22	21	22	23	24	25	26	27	18	19	20	21	22	23	24	
23	24	25	26	27	28	29	28	29	30	31	25	26	27	28	29	30	31				
30																					

REGULAR SESSION (six weeks)

June 24, Monday	Registration
June 25, Tuesday	Classes begin
July 4, Thursday	Holiday
August 2, Friday	Regular session ends

POSTSESSION (three weeks)

August 2, Friday	Registration
August 5, Monday	Classes begin
August 23, Friday	Postsession ends

FIRST FIVE-WEEK TERM (for Accounting S 100 and S 400; Chinese S 101, S 103, S 151, S 153, S 209, S 211, and S 417; French S 101 and S 151; German S 101 and S 151; Hawaiian S 101; Hindi S 101 and S 151; History S 151 and S 433; Indonesian S 101 and S 151; Japanese S 101, S 103, S 151, S 153, S 209, S 211, S 401, and S 417; Korean S 101; Latin S 101; Russian S 101; Spanish S 101 and S 151; Tagalog S 151; Thai S 151)

June 24, Monday	Registration
June 25, Tuesday	Classes begin
July 4, Thursday	Holiday
July 26, Friday	First term ends

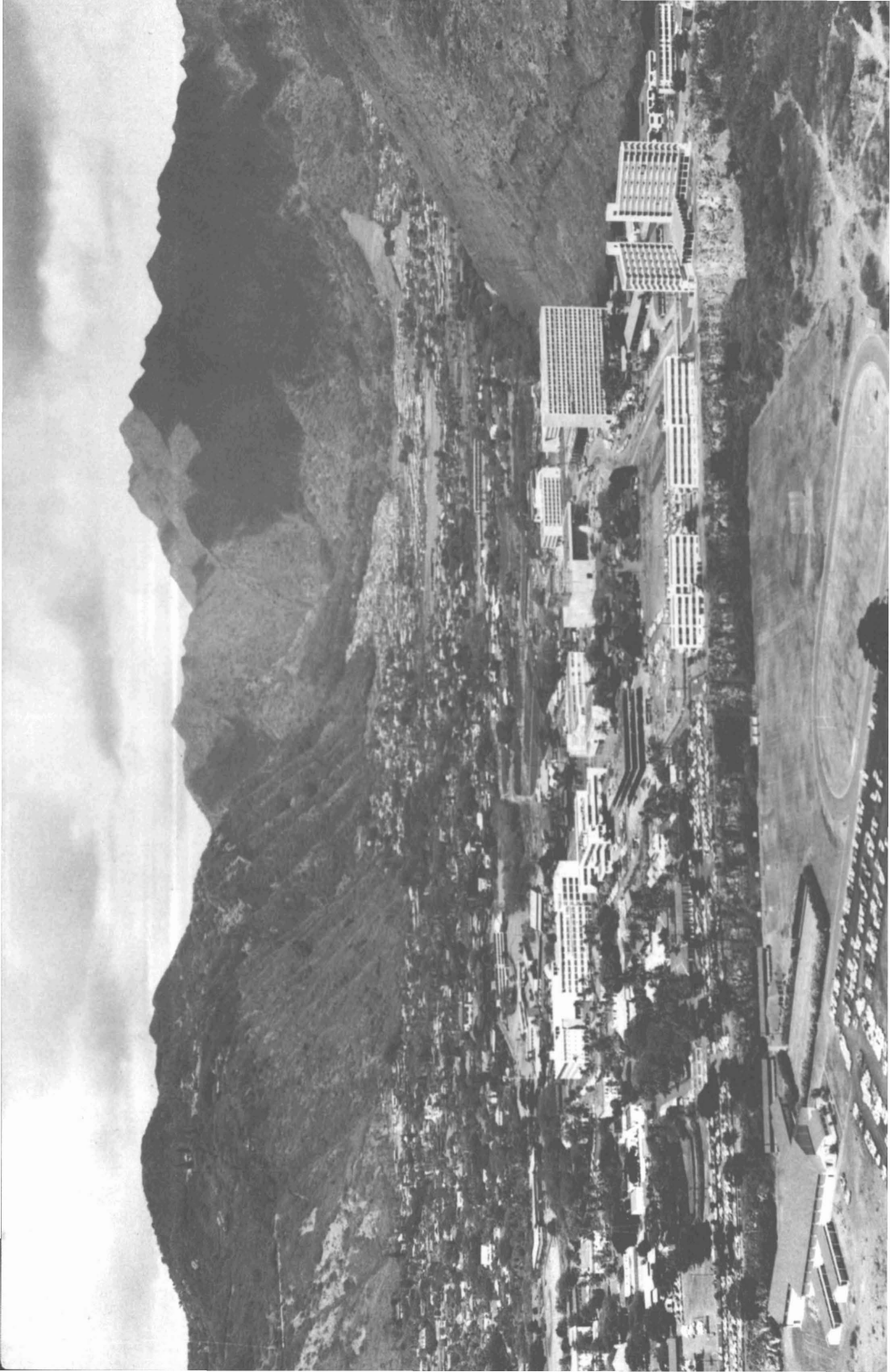
SECOND FIVE-WEEK TERM (for Accounting S 101 and S 401; Chinese S 102, S 104, S 152, S 154, S 210, S 212, and S 418; French S 102 and S 152; German S 102 and S 152; Hawaiian S 102; Hindi S 102 and S 152; History S 152; Indonesian S 102 and S 152; Japanese S 102, S 104, S 152, S 154, S 210, S 212, S 402, and S 418; Korean S 102; Latin S 102; Russian S 102; Spanish S 102 and S 152; Tagalog S 152; Thai S 152)

July 29, Monday	Registration
July 30, Tuesday	Classes begin
August 30, Friday	Second term ends

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Mathematics Education, Queens College (New York)*
CHARLES GILBERT WRENN, Ph.D., *Professor of Educational Psychology,
University of Minnesota*
CHITOSHI YANAGA, Ph.D., *Professor of Political Science, Yale University*

The University of Hawaii

THE UNIVERSITY OF HAWAII is located in Honolulu, on the island of Oahu. Established in 1907, the University became a State University in 1959 when Hawaii joined the Union as the fiftieth state. It is a federal land-grant institution, sharing in benefits from the Second Morrill Act of 1890, the Nelson Amendment of 1907, and subsequent legislation. The University has seven colleges: the College of Arts and Sciences, the College of Business Administration, the College of Education, the College of Engineering, the College of General Studies, the College of Nursing, and the College of Tropical Agriculture.

In addition to the bachelor's degree, the University offers graduate work leading to the master's degree in some 50 fields and the Ph.D. degree in some 16 fields.

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. It has chapters of the national honor societies Phi Beta Kappa (liberal arts and sciences), Phi Kappa Phi (general scholarship), Sigma Xi (sciences), Phi Delta Kappa (education), Sigma Pi Sigma (physics), Omicron Delta Kappa (scholarship and leadership in activities), Chi Epsilon (civil engineering), and Delta Sigma Rho (forensics).

Summer Sessions

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 certificate properly filled out by the Registrar or Dean of their institution. Copies of this certificate may be obtained from the office of the Dean of Summer Session. One is enclosed with each summer session catalogue sent to a person outside Hawaii. High school graduates who have been accepted for matriculation in an accredited college or university may submit the aforementioned certificate. Teachers in service may have the certificate signed and their degrees verified by their superintendent or comparable supervising official. Admission to the summer session does not carry with it a guarantee of admission to the regular sessions of the University.

AUDITORS. Persons wishing to attend certain lecture classes regularly, without taking examinations or receiving credit, may do so by registering as auditors and paying the registration and regular tuition fees. Auditors are entitled only to listen to lectures and class discussions, and may not participate in class discussions or any other activities of the course. Auditors are not allowed to attend seminars, laboratory sections, studio courses, or activity courses in physical education. They are not subject to late registration fees. Courses audited will be designated with an "L" on the student's records.

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 persons who would like to visit different, unspecified lecture classes without examination or credit. These tickets may be purchased for \$40.00 at the business office, in Bachman Hall. The Visitor's Ticket must be shown upon demand and entitles the bearer to attend any classroom lecture if there is an available seat, except certain classes specifically designated for Institute members. Visitors are not to participate in classroom discussions or recitations or examinations, or any other activities of the course. A visitor's ticket may be cancelled, without refund, if these conditions are violated.

VETERANS. The University of Hawaii is authorized to enroll veterans under Public Laws 550, 634, and 894. Students registering for the first time under these Laws should bring with them their Certificate for Education and Training.

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 of courses, including changes made after the publication of the catalogue, 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. In exceptional cases, seven credit hours may be carried if approved by the appropriate college dean or, in the case of transient students, by the Dean of Summer Session. Eight credit hours may be carried only if the student needs that number to complete his requirements for a bachelor's degree or a certificate, and only upon the approval of his college dean or of the Dean of Summer Session. During the postsession, student programs are limited to a maximum of four credit hours. Courses being taken concurrently in the College of General Studies are included in computation of total credits carried.

Undergraduate students are urged to consult their departmental chairman prior to registration time for advice as to their summer courses. Faculty advisers will be available on registration day, June 24, as indicated in the registration instructions that will be issued to students on that day.

Students taking the intensive five-week courses in language, 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, or the Dean of Summer Session in the case of transient students, is necessary for any heavier course load. The *Graduate School Bulletin* lists courses acceptable for graduate credit.

REGISTRATION. Registration for the six-week summer session and the first five-week term will take place on Monday, June 24, between 7:45 a.m. and 4:00 p.m. Students are to go to Rooms 150 and 152 in Bilger Hall where they will be issued registration materials according to the following time schedules: those whose last names begin with the letters K through M, at or after 7:45 a.m.; N through S, at or after 9:30 a.m.; T through Z, at or after 11:00 a.m.; A through E, at or after 1:00 p.m.; and F through J at or after 2:30 p.m.

Registration procedures will be detailed in printed instructions distributed to students at the foregoing times. If fees are not paid before 4:00 p.m. on Tuesday, June 25, the late registration fee of \$5.00 will be assessed. Students who pay their fees by check will be assessed the late registration fee of \$5.00 *if the check is not honored by the bank concerned.*

Students registering for the second five-week term will be issued the requisite materials at the Records Office in Bachman Hall between 9:00 a.m. and 11:30 a.m. on Monday, July 29, without alphabetical time groupings.

Registration for the postsession will take place on Friday, August 2, between 1:00 p.m. and 4:00 p.m. Students will be issued registration materials at the Records Office in Bachman Hall without alphabetical time groupings.

LATE REGISTRATION. On June 25 and June 26, students may register for six-week or five-week courses only with the consent of the appropriate dean; and on June 27 and June 28 only with the approval of both the dean and the instructor concerned. From July 1, students may not register for credit but may be admitted as auditors with the consent of the Dean of Summer Session.

During the second five-week term, late registration will be permitted on July 30 and July 31 only with the approval of the appropriate dean, and on August 1 and August 2 only with the approval of both the dean and the instructor concerned. From August 5, students may not register for credit, but may be admitted as auditors with the consent of the Dean of Summer Session.

During the postsession, late registration will be permitted on August 5 and August 6 only with the approval of the appropriate dean 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.

For courses starting at other times, late registration and other rules will be set by the Dean of Summer Session, in general accordance with the patterns for the six-week summer session.

TUITION AND FEES. The registration fee is \$10.00. 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 catalogue or in the mimeographed schedule of courses issued at registration time. An activity-and-health fee of \$2.00 must be paid by all students taking courses that begin on or before July 9, 1962.

A student's registration is not complete until all fees have been paid, and will be automatically cancelled if all fees are not paid by 4:00 p.m. of the day following his submission of registration cards. 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 26 and June 28, the period during which late registration for credit may be permitted. The late registration fee of \$5.00 will also be charged for the second five-week term from July 30 to August 2, and for the postsession on August 5 and 6. There is a charge of \$2.00 for any change in registration after the initial registration unless waived for good cause by 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 courses in the six-week summer session or the first five-week term may obtain a 60 per cent refund of tuition fees until 4:00 p.m. Thursday, June 27, and a 20 per cent refund thereafter until 4:00 p.m. Tuesday, July 2. After July 2, no refunds will be made. *Under no circumstances can the entire amount of the tuition fee be refunded to any student who withdraws from the summer session on or after the first day of classes.*

During the second five-week term a student may obtain a 60 per cent refund until 4:00 p.m. Thursday, August 1, and a 20 per cent refund thereafter until 4:00 p.m. Tuesday, August 6, after which there will be no refunds.

During the postsession a student may obtain a 60 per cent refund until 4:00 p.m. Wednesday, August 7, and a 20 per cent refund thereafter until 4:00 p.m. Friday, August 9, after which there will be no refunds.

There will be no refunds of the \$2.00 activity-and-health fee, the \$10.00 registration fee, the \$40.00 Visitor's Ticket, or laboratory and other additional course fees.

PERSONAL CHECKS. Traveler's checks, cashier's checks, and money orders are accepted. Personal checks will be accepted for payment of tuition and fees only when the amount of the check does not exceed the amount due from the student. Students who pay their fees by check will be assessed the late registration fee of \$5.00 if the check is not honored by the bank concerned.

GRADES AND EXAMINATIONS. Final examinations are given in all courses unless other methods of grading are authorized by the Dean of Summer Session. The final examination is 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 counted as "0" (zero) in computing the grade for the course. Students must complete all the work and examinations required by their instructors, attend classes regularly until the end of each course, and hand in all assignments by that time. No part of the work may be continued beyond the end 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; F, Failure. The grade "I" (incomplete) is not normally used in summer session.

WITHDRAWALS. To withdraw from a course a student must obtain a withdrawal form at the appropriate dean's 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 (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.

To withdraw completely from the summer session, a student must fill out a form available at the Records Office, and fulfill all its requirements.

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."

SCHOLARSHIPS. Except for fellowships offered by the various summer institutes no scholarships are available during the summer session.

Summer Session Notes

1962 ENROLLMENT. The total enrollment in 1962 was 8,258. There were 201 students from other countries and 2,047 students from the Mainland. All 49 Mainland states and the District of Columbia were represented, with the five largest groups coming from California (798), Texas (107), Illinois (102), Washington (89), and Oregon (76).

COURSES ON ASIA AND THE PACIFIC. In addition to standard courses comparable to those given at other American universities, there are many distinctive offerings not generally available elsewhere. In the field of Asian and Pacific studies, for instance, the following courses are being listed for 1963:

Anthropology: Oceania; The Ryukyus; Ancient Indian Civilization; Japan; Language and Culture in Asia.

Art: Arts of the Pacific; Medieval Art of Orissa, India.

Asian Studies: Summer Institute on Asian Studies; Study Tour of the Orient.

Asian and Pacific Languages: Chinese; Hawaiian; Hindi; Indonesian; Japanese; Korean; Sanskrit (Literature); Tagalog; Thai.

Economics: Current Economic Problems of Asia and the Far East.

Education: Comparative Education—The Orient; Workshop in International Education—Japan.

English: Literature of the Pacific.

Geography: Asia; Pacific Islands; Hawaii.

History: Southeast Asia; South Asia; Southwest Asia; China to 1800; China since 1800; Japan since 1868; Thailand; Pacific Islands from 1779; Hawaiian Islands; United States in the Pacific; Australia and New Zealand; Seminar in Chinese History.

Home Economics: Foods of the Pacific; Textile and Clothing Study Tour of Asia.

Music: Music Study Tour of Asia; Japanese Dance and Its Music, Orientation in Asian Music and Culture; Pacific and Asian Music in Education; Koto; Filipino Dance; Korean Dance; Hawaiian Chant.

Philosophy: Zen Buddhist Philosophy; Introduction to Chinese Philosophy.

Political Science: Politics and Diplomacy of Modern Japan.

Religion: Living Religions of Hawaii.

Sociology: Community Forces in Hawaii; People and Institutions of Japan; Race Relations in Southeast Asia; Hawaii and Its People.

INSTITUTE ON ASIAN STUDIES. The Fifth Summer Institute on Asian Studies will be held from June 24 to August 2. The program is designed particularly for teachers, librarians, journalists, business people, military and civilian government service people, and students wishing an intensive and yet broad introduction to the life, customs, traditions, and institutions of Asia. There will be a lecture series; panel discussions; special programs of lecture-demonstrations, Asian music, dances, and films; informal Asian dinners; guided tours of temples, shrines, and other points of interest in cosmopolitan Honolulu; and opportunities for informal discussions with persons of special competence in different areas of interest.

Membership fee is \$90.00. This covers tuition for six credits, the registration fee, the activity-and-health fee, printed materials, field trips, Asian dinners, and other special programs.

The East-West Center has provided 102 scholarships. Insofar as qualified applicants warrant, two scholarships will be awarded in each of the fifty states of the Union and in the District of Columbia. The awards will cover the Institute membership fee of \$90.00 and, for persons coming from outside Hawaii, a one-way economy class jet airplane ticket from home to Honolulu. The scholarship awards are open to elementary, high school, and college teachers and school administrators, and to librarians. Applications for the scholarships must be submitted by April 1, 1963.

Membership in the Institute will be closed on June 1, 1963. For the printed brochure on the Institute, application forms, and other information, write to the Director, Summer Institute on Asian Studies, Office of the Dean of Summer Session, University of Hawaii, Honolulu 14, Hawaii.

INSTITUTE OF AMERICAN STUDIES. Many secondary school teachers in the fields of history, social studies, and literature have felt a need for renewed study of the American past, in order to refresh their recollections, keep abreast of new findings, and achieve greater insight into the

meaning of the American experience for our times. With this in mind, the Third Summer Institute of American Studies will be held from June 24 to August 2. Through another grant from the Coe Foundation, 25 fellowships carrying stipends of \$300.00 each will be awarded to qualified applicants. Application blanks may be obtained by writing to the Director of the Third Summer Institute of American Studies, Dr. James M. McCutcheon, Department of History, University of Hawaii, Honolulu 14, Hawaii.

INSTITUTE FOR SCIENCE AND MATHEMATICS TEACHERS. To assist secondary school teachers in the important role of motivating young people to choose scientific and mathematical careers, and in improving their own subject matter competence, the Seventh Summer Institute in Science and Mathematics for Secondary School Teachers of Science and Mathematics will be held from June 24 to August 2, under a grant from the National Science Foundation. The Director of this Institute will be Dr. Harry Zeitlin, Department of Chemistry, University of Hawaii.

INSTITUTE IN RADIATION BIOLOGY. The Fourth Summer Institute in Radiation Biology for Secondary School and College Teachers of Science will be held from June 24 to August 2, under grants from the U.S. Atomic Energy Commission and the National Science Foundation. The Director of this Institute will be Dr. Sidney C. Hsiao, Department of Zoology, University of Hawaii.

WORKSHOP IN INTERNATIONAL EDUCATION, JAPAN. The second Summer Workshop in International Education, Japan, will be held for students, teachers, and professional people interested in gaining a first-hand experience of Japanese education and culture, with Dr. Shiro Amioka, of the Department of Education, University of Hawaii, as a workshop leader. Headquarters will be on the campus of the International Christian University at Mitaka, Tokyo. Inquiries about the workshop should be directed to Dr. Ronald S. Anderson, University of Hawaii, Honolulu 14, Hawaii.

INSTITUTE IN SCIENCE FOR ELEMENTARY SUPERVISORS AND TEACHERS. A Summer Institute in Science for Elementary School Supervisors and "Key" Teachers will be held from June 24 to August 2, under a grant from the National Science Foundation. Courses to be offered are: Science S 130 *Modern Science* (3 cr.) and Ed. S 523 *Problems in Elementary Science Teaching* (2 cr.). The Director of this Institute will be Dr. Albert B. Carr, Department of Elementary Education, University of Hawaii.

STUDY TOUR OF THE ORIENT. July 1–August 14. A tour of the Far East and Southeast Asia, preceded by a week of campus lectures and other programs, will be led by Dr. Leonard D. Tuthill, Assistant Dean

of the Graduate School (*see* Asian Studies S 620). The tour will include Japan, Taiwan, Philippines, Thailand, Malaya (including Penang and Kuala Lumpur), Singapore, Hong Kong, and Macao. Travel arrangements will be handled by Mrs. Ruth Rittmeister, manager of the International Travel Service of Honolulu. Some undergraduates will be accepted, for undergraduate credit. Inquiries should be addressed to Dean Leonard D. Tuthill, University of Hawaii, Honolulu 14, Hawaii.

MUSIC STUDY TOUR OF THE ORIENT. June 24–August 19. Music teachers and students are invited to enroll in a Music Study Tour of the Far East and Southeast Asia, which will be led by Miss Barbara B. Smith, Associate Professor of Music (*see* Music S 620). After a week of campus lectures and other programs, the group will tour Japan, Okinawa, Taiwan, Philippines, Thailand, Malaya, Singapore, and Hong Kong, with an optional extension to Korea. The tour includes attendance at the Fifth International Conference of the International Society for Music Education, to be held in Tokyo, and special programs in each country. Travel arrangements will be handled by Mrs. Ruth Rittmeister, manager of the International Travel Service of Honolulu. Inquiries should be addressed to Professor Barbara B. Smith, University of Hawaii, Honolulu 14, Hawaii.

TEXTILE AND CLOTHING STUDY TOUR OF THE ORIENT. June 27–August 10. A tour of Far Eastern and Southeast Asian countries for the purpose of studying textiles and clothing—their history, design and manufacture—will be led by Miss Oma Umbel, Associate Professor of Home Economics (*see* Home Economics S 620). The tour will study traditional and modern textiles and costumes in cultural context in Japan, Okinawa, Taiwan, Philippines, Thailand, Malaya, Singapore, and Hong Kong, following a week of campus lectures and programs. Travel arrangements will be handled by Mrs. Ruth Rittmeister, manager of the International Travel Service of Honolulu. Inquiries should be addressed to Professor Oma Umbel, University of Hawaii, Honolulu 14, Hawaii.

STUDY TOUR OF EUROPE. July 1–August 13. A tour of Europe, including Russia, preceded by a week of campus lectures and programs, will be led by Dr. Lowell D. Jackson, Associate Professor of Education (*see* European Studies S 620). The tour will include Copenhagen, Helsinki, Leningrad, Moscow, Vilno, Warsaw, Berlin, Cologne, Coblenz, Frankfurt, Vienna, Venice, Florence, Rome, Zurich, Lucerne, Interlaken, Geneva, Paris, London, Stratford-on-Avon, and Oxford. Travel arrangements will be handled by Mrs. Ruth Rittmeister, manager of the International Travel Service of Honolulu. Some undergraduates will be accepted, for undergraduate credit. Inquiries should be addressed to Professor Lowell D. Jackson, University of Hawaii, Honolulu 14, Hawaii.

Extracurricular Activities

UNIVERSITY PROGRAM. An extensive program of educational and recreational extracurricular events is sponsored by the Summer Session office. The program includes evening public lectures by some of the visiting professors, guided tours on and off campus, and various programs at Hemenway Hall, the student union building.

A noncredit class of ten lessons in Japanese Flower Arrangement, taught by a famous expert from Japan, will be offered in the afternoon twice a week for five weeks. There will be a charge of \$30.00 for this class.

A "Festival of Lights," featuring thousands of Oriental lanterns, and music and dancing by groups of students from various countries, is scheduled for the evening of July 12, on McCarthy Mall on campus.

Details of the summer program for 1963 will be printed in *Summer Salute*, a special publication distributed at the beginning of the Summer Session.

ACTIVITY CARDS. Students who have paid the \$2.00 activity-and-health fee are issued Summer Session Activity Cards, to be used for the following services.

Library Privileges. The Activity Card will serve as identification for use of library facilities and borrowing of library materials.

Extracurricular Programs. The Activity Card entitles the bearer to attend or participate in various extracurricular events sponsored by the Summer Session office. For certain trips or activities an additional fee is charged to help defray the cost.

Student Health Service. The Activity Card entitles the bearer to ask for help at the campus dispensary in case of a minor illness or an accident, and when health counselling may be needed.

The Activity Card is not transferable. Loss of one's Card must be reported immediately to the Business Office of the University. Illegal use of another's Card is subject to disciplinary action. Activity Cards may be purchased by summer session faculty members and by spouses or children (over 18 years of age) of these faculty members or of summer session students, upon approval of the Activities Counselor, for use in the Extracurricular Programs only.

HEMENWAY HALL. Hemenway Hall, the student union building, is available for use each morning, Monday through Friday. Its services include 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 PLAY. The University Summer Theatre will present Aristophanes' brilliant comedy *Lysistrata* during the fifth week of the session (July 24-27). All students are eligible both for acting and for backstage work; those who wish may secure academic credit for such participation by registering for *Theatre Workshop* (Drama S 250).

Tryouts for *Lysistrata* will be held in the new East-West Center Theatre on the first and second days of summer session classes (Tuesday and Wednesday, June 25 and 26) from 1:30 to 3:30 p.m. Interested students who cannot make these times should make special arrangements with the Theatre office not later than the morning of Wednesday, June 26.

Lysistrata will be performed in the East-West Center Theatre, one of the most unusual theatre-buildings in America. Audiences will be limited to summer session students and certain guests invited by the University and the Center. Students will be admitted free on presentation of their activities cards, but will find it to their advantage to make seat reservations as soon as possible after the box office opens on Wednesday, July 17.

OF INTEREST TO VISITORS. Honolulu is a cosmopolitan metropolis of over 400,000 people representing nearly all parts of the world. The numerous shops offering exotic wares from everywhere, the quaint atmosphere of Chinatown, the lovely residential districts, and the beach areas with their sand, surfboards, and catamarans are of special interest to visitors. In Honolulu are the famed Bernice P. Bishop Museum, the Honolulu Academy of Arts, the Foster Botanical Gardens, the Queen Emma Museum, and the only erstwhile royal palace on American soil, Iolani Palace; also various Buddhist, Shinto, Confucian, and Taoist temples and shrines. There is a wide variety of restaurants featuring Hawaiian, Oriental, Latin American, and European cuisines. There are many movie theatres, including drive-ins, four television and fifteen radio stations, free public concerts by the Royal Hawaiian Band, open air exhibits of paintings by local artists, botanical gardens and arboretums, the extensive Honolulu Zoo, the Aquarium at Waikiki Beach operated by the University, and other attractions to suit diverse tastes.

Housing Information

Admission to the University is made without reference to the availability of housing. Shortage of suitable accommodations for students is a problem. The University of Hawaii is at present largely a nonresident campus. There will be residence hall accommodations for 184 men and 384 women in the 1963 Summer Session. The University is located in a crowded and growing metropolis with much competition for housing from service personnel and their dependents, and tourists and local residents, as well as students. It does not have any appreciable number of large rooming or

boarding houses nearby. Though some new apartments have been recently built in the general vicinity of the University, most of them do not supply linens, bedding, dishes, etc., and the total number of apartments is not large. Rooms available to students are scattered throughout Honolulu and only a few are within short walking distance of the campus. These rooms and apartments are neither inspected nor supervised by the University.

CAMPUS HOUSING. To be eligible for any University of Hawaii residence hall, a student must be registered for at least three credits.

University Housing Facilities available:

Frear Hall: for undergraduate women and graduate women under 21 years of age. Capacity: 144 in double rooms.

John A. Johnson Hall, Building B (during summer session only): for graduate women over 21 years of age. Capacity: 112 in double rooms.

Hale Laulima: for graduate women over 45 years of age. Capacity: 18 single rooms, 3 double rooms.

John A. Johnson Hall, Building A: for undergraduate and graduate men. Capacity: 80 in double rooms.

Gateway House: (Co-educational)

Tower for women: for graduate and upper-division women. Capacity: 104 in double rooms.

Tower for men: for graduate and upper-division men. Capacity: 104 in double rooms.

Requests for application blanks and rates should be addressed to the Director of Student Housing, University of Hawaii, Honolulu 14, Hawaii.

There are no facilities on campus for married couples.

Residence hall facilities are not available during the postsession.

OFF-CAMPUS HOUSING. The Office of Off-Campus Housing in Bachman Hall maintains an information file on rooming houses, rooms in private homes and occasional apartments, but does not mail out any of this information. It gives all possible assistance in locating suitable accommodations *after* the student arrives. Negotiations with off-campus landlords must be handled directly by the student. Students arriving in Honolulu without housing reservations are invited to come to the Office of Off-Campus Housing for general information and current listings of available accommodations.

Women Students: Most landlords seem to prefer to rent to men students, feeling perhaps that fewer responsibilities are involved. Most women students, 18 to 35, have had to turn to apartments listed in the want-ads of local papers. For women students over 35, there are some listings of rooms in private homes and apartments to share with others.

Men Students: The Y.M.C.A. operates a dormitory for men adjacent to the University campus. For information, write to the Director, Charles Atherton House, 1810 University Avenue, Honolulu 14, Hawaii.

Inquiries concerning hotels should be directed to the Hawaii Hotel Association, 2051 Kalakaua Avenue, Honolulu, Hawaii. They provide information only, including such items as type of accommodation, cost, location, etc.

MEALS. The University provides food service as follows:

Hemenway Hall Cafeteria

Breakfast: 7:00-8:30 Monday through Friday

Lunch: 11:00-1:15 Monday through Friday

Hemenway Snack Bar

7:30-2:30 Monday through Friday

East-West Center Cafeteria

Breakfast: 7:00-8:30 7 days per week

Lunch: 11:00-1:15 7 days per week

Dinner: 5:15-6:15 7 days per week

East-West Center Snack Bar

8:30 a.m.-9:30 p.m. 7 days per week

Hours Subject to Change

Additional Information

TRANSPORTATION. Air service on regular schedules between continental United States and Hawaii is provided by United Air Lines, Pan-American World Airways, and Northwest Air Lines. Canada and Hawaii are linked by Canadian Pacific Air Lines and Qantas Airways. Steamship service is provided by Matson Navigation Company and the American President Lines, among others.

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 five tickets for \$1.00, or 25¢ 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 many daily flights.

STUDY TOURS TO HAWAII. Each year, various travel agencies bring to Hawaii many hundreds of students whom they have enrolled as members of their study or tour groups. However, **NO TRAVEL AGENCY OR PERSON HAS EVER BEEN AUTHORIZED TO REPRESENT THE UNIVERSITY OF HAWAII IN RECRUITING STUDENTS FOR TOURS TO HAWAII.** It should be understood, of course, that the University of Hawaii welcomes all qualified students, whether they come by themselves or in organized groups, and that no special treatment is accorded anyone because of membership in a tour group. At the request of the Summer Session Office the International Travel Service of Honolulu, through its manager, Mrs. Ruth Rittmeister, has arranged certain overseas study tours, in each case starting from the campus with a member of our resident faculty in charge.

DRIVERS' 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. There are very few opportunities for part-time employment during the summer period. Students should, therefore, plan to meet their summer session financial obligations without relying on part-time employment. Students from other states would be well advised to anticipate that living costs in Hawaii may be somewhat higher, and to make appropriate financial preparations accordingly.

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. It need hardly be stated, of course, that canons of good taste are expected to be observed by all.

HILO CAMPUS SUMMER SESSION. A few summer courses are offered at the University of Hawaii Hilo Campus, 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.

Courses Offered

COURSES NUMBERED 100 to 199 are intended primarily for freshmen and sophomores. Those numbered 200 to 599 are intended primarily for juniors and seniors. Although these courses are open to graduate students, only those numbered from 400 to 599 carry graduate credit. Courses numbered 600 to 799 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 most classes will be held according to the following schedule:

50-MINUTE CLASSES

7:45–8:35
9:10–10:00
10:10–11:00
11:35–12:25

75-MINUTE CLASSES

7:20–8:35
8:45–10:00
10:10–11:25
11:35–12:50

Anthropology

S 150 INTRODUCTION TO ANTHROPOLOGY (3)

Orans

Man's biological evolution; archeological history from the Stone to the Iron Age; patterned lifeways of tribal and folk societies throughout the world.
Daily 11:35–12:50

S 202 INTRODUCTION TO LINGUISTICS (2)

Cammack

The nature and workings of language, and its role in culture and history.
Daily 9:10–10:00

S 250 OCEANIA (2)

Groves

Survey of racial origins, languages, and cultural institutions of aboriginal Australia, Melanesia, Micronesia, Polynesia. Prerequisite: Anth 150 or 200, or consent of instructor.
Daily 7:45–8:35

S 325 FOLKLORE (2)

Kirtley

Unwritten literature in preliterate and literate societies. Myth and legend in socialization and as sanctions for custom. Prerequisite: Anth 150 or 200, or consent of instructor.
Daily 9:10–10:00

S 406 THE RYUKYUS (2)

Lebra

A survey of the Ryukyuan people and their culture from prehistoric times to the present. Particular attention will be given to the family, community, kin groups, class systems, religions, values, and cultural relationships with Japan, China, and Taiwan.
Daily 11:35–12:25

S 418 ANCIENT INDIAN CIVILIZATION (2)**Chhabra**

Archeology and development of culture in India from the Paleolithic to A.D. 1000. Emergence of Indo-Aryans. Dravidian elements. Vedic institutions. Theology, mythology, and philosophy of Indian religion. Brahmanism, Buddhism, and Jainism. Caste and society. Law and government, commerce and communication. Handicrafts, architecture, fine arts, literature.
Daily 7:45-8:35

S 420 JAPAN (2)**Lebra**

Cultural evolution of the Japanese people from prehistoric to contemporary times with emphasis on change in the family, kinship, community, and social structure. Special attention will be given to an evaluation of recent works on Japanese character and values.
Daily 10:10-11:00

S 504 APPLIED ANTHROPOLOGY (2)**Groves**

The relation of anthropology to community development and human resources conservation. Use of anthropology in prediction, planning, and control. Concepts and methods. Oriented to needs of administrators, educators, social workers, and other professionals who lack anthropological training. Prerequisite: Anth 200 or equivalent.
Daily 10:10-11:00

S 520 COMPARATIVE ECONOMIC RELATIONS (2)**Orans**

A comparative analysis of social organization and interaction from an economic point of view. Primary emphasis will be on social organization and interaction pertinent to production, distribution, and consumption of material goods in non-Western societies.
Daily 9:10-10:00

S 550 LANGUAGE AND CULTURE IN ASIA (2)**Schutz**

The comparative analysis of selected Asian and Pacific languages, viewed in their cultural setting. A nontechnical introduction to the more intensive study of each language.
Daily 11:35-12:25

S 643 FIELD METHODS IN LINGUISTICS (2)**Schutz**

Techniques for eliciting, transcribing, and arranging linguistic field data. Discussion of practical problems of recording, interviewing, and relations with linguistic informants. Special emphasis on the utilization of cultural information. Prerequisite: Anth 621, or consent of instructor.
Daily 10:10-11:00

Art**Architecture****S 375 MODERN ARCHITECTURE IN WESTERN EUROPE AND THE AMERICAS (3)****Ingleton**

The development of modern architecture in Western Europe and the Americas from the advent of the Industrial Revolution to the present day. Slide lectures and field trips. Course fee \$2.00.
Daily 10:10-11:25

Art**S 103 ART FUNDAMENTALS (2)****Kingrey**

Background material and studio practice to stimulate understanding of the arts. Lectures, museum visits, studio work. Course fee \$1.00.
Daily 10:35-12:25

- S 107 DRAWING AND PAINTING (2)** **Kimura, Bushnell**
 A course for beginners and students of moderate advancement. Consideration of representation, composition, and control of media. Studio and outdoor subject matter. Course fee \$1.00.
 Daily 10:35-12:25 (Kimura)
 10:35-12:25 (Bushnell)
- S 131 VISUAL DESIGN (2)** **W. Anderson**
 Elements and principles of visual organization. This course or its equivalent is prerequisite to all advanced courses. Course fee \$1.00.
 Daily 10:35-12:25.
- S 141 CERAMICS (2)** **Takaezu, Horan, Aidlin**
 (3 sections)
 Methods and principles of creating pottery by hand. Course fee \$10.00.
 Daily 8:10-10:00 (Takaezu)
 10:35-12:25 (Horan)
 1:30- 3:20 (Aidlin)
- S 142 CERAMICS (2)** **Takaezu, Horan**
 (2 sections)
 Emphasis on wheel throwing and experimentation with form and decorative techniques. Prerequisite: Art 141. Course fee \$10.00.
 Daily 10:35-12:25 (Takaezu)
 1:30- 3:20 (Horan)
- S 151 SCULPTURE (2)** **Aidlin**
 Introductory study of sculptural form. Basic techniques and problems in clay. Lectures and studio work. Course fee \$10.00.
 Daily 8:10-10:00
- S 235 TEXTILE DESIGN (2)** **Everson**
 Execution of individual problems in design on fabrics, utilizing such media as the block print, stencil, silk screen. Prerequisite: Art 132. Course fee \$7.50.
 Daily 10:35-12:25
- S 278 ARTS OF THE PACIFIC (3)** **Norris**
 Stylistic and aesthetic characteristics of the arts of Oceania, with particular attention paid to Hawaii. The primitive influences on modern art. Course fee \$2.00.
 Daily 8:45-10:00
- S 311 FIGURE DRAWING (2)** **W. Anderson**
 Basic principles of drawing the human figure, including study of anatomy and articulation as a foundation of knowledge and skill. Prerequisite: Art 112. Course fee \$4.00.
 Daily 8:10-10:00
- S 323 WATERCOLOR PAINTING (2)** **Norris**
 Techniques of watercolor. Studio and outdoor painting. Prerequisites: Art 112, 132. Desirable preparation: Art 322.
 Daily 10:35-12:25
- S 376 AMERICAN PAINTING TO THE CIVIL WAR (2)** **Frankenstein**
 The history of painting in the United States from the colonial period to the Civil War. Course fee \$2.00.
 Daily 9:10-10:00
- S 377 AMERICAN PAINTING AFTER THE CIVIL WAR (2)** **Frankenstein**
 The history of painting in the United States from the Civil War to the present day. Course fee \$2.00.
 Daily 11:35-12:25

- S 415 PRINTMAKING (2)** **Bushnell**
 Printmaking: relief, intaglio, and photo process. Prerequisites: Art 112, 132, 311, or equivalent. Course fee \$3.00.
 Daily 8:10-10:00
- S 463 ADVANCED VISUAL DESIGN (2)** **Kingrey**
 Investigation into the processes of visualization; its expression and control. Prerequisites: Art 112, 132.
 Daily 10:35-12:25
- S 537 RUGS AND TAPESTRY** **Everson**
 The design and execution of rugs and tapestries employing standard and experimental materials and techniques. Prerequisite: Art 137 or equivalent. Course fee \$10.00.
 Daily 8:10-10:00
- S 783 MEDIEVAL ART OF ORISSA, INDIA (3)** **Neogy**
 Stylistic development and iconography in Orissan architecture and sculpture from the 8th to the 13th century. Course fee \$2.00.
 Daily 11:35-12:50

Asian Studies

- S 610 ASIA (3)** **Kwok, Staff**
 An interdisciplinary study of Asian countries, with special attention to South, Southeast, and East Asia. Lectures on geography, anthropology, history, religion, philosophy, literature, art, music, economics, sociology, government. For other details *see* page 20.
 Daily 8:45-10:00
- S 611 ASIA (1)** **Kwok, Staff**
 Companion course to S 610. Weekly panel discussions, discussion sessions with guest speakers, and special evening programs. Series of events at Asian restaurants, temples, theaters. Prerequisite: membership in Summer Institute on Asian Studies. For other details, *see* page 20.
- S 620 FIELD STUDIES: STUDY TOUR OF THE ORIENT (5)** **Tuthill**
 Lectures on campus and other programs, followed by tour of Japan, Taiwan, Philippines, Thailand, Malaya (including Penang and Kuala Lumpur), Singapore, Hong Kong, and Macao. Prerequisite: consent of instructor, preregistration. July 1-August 14.

Business Administration

Accounting

- S 100 ELEMENTARY ACCOUNTING (3)** **Vance**
 Introduction to theory and practice, income determination, and asset valuation. Preparation of statements and analysis of financial data in decision making. Prerequisite: sophomore standing or consent of instructor.
 First 5-week term: June 24-July 26.
 MWF 10:00-12:00 Laboratory, TTh 8:00-10:20
- S 101 ELEMENTARY ACCOUNTING (3)** **S. O. Lee**
 Continuation of Accounting S 100, including the accounting problems of partnerships and corporations. Three lectures and two laboratory periods. Prerequisite: Accounting 100.
 Second 5-week term: July 29-August 30.
 MWF 10:00-12:00 Laboratory, TTh 8:00-10:20

S 400 INTERMEDIATE ACCOUNTING (3) **Owens**
Accounting theory and practice: Determination of income, asset valuation, generally accepted principles, corporate net worth, and preparation of financial statements. Three lectures and two laboratory periods. Prerequisite: Accounting 100-101. First 5-week term: June 24-July 26.
MWF 10:00-12:00 Laboratory, TTh 8:00-10:20

S 401 INTERMEDIATE ACCOUNTING (3) **B. Taussig**
Continuation of Accounting S 400, including valuation of long-life assets, interpretation of financial statements, preparation of working capital and funds statements, and problems of incomplete records and price-level changes. Three lectures and two laboratory periods. Prerequisite: Accounting S 400.
Second 5-week term: July 29-August 30.
MWF 10:00-12:00 Laboratory, TTh 8:00-10:20

S 610 SEMINAR IN ACCOUNTING PROBLEMS (2) **Owens**
A consideration of contemporary and emerging issues with emphasis on recent journal literature.
TTh 7:30-9:30

S 630 SEMINAR IN AUDITING (2) **Vance**
Current problems and issues in auditing. Development of auditing standards. Application of statistical sampling techniques. Individual research in problems of the auditing profession.
MWF 7:30-8:50

Business Analysis and Statistics

S 110 APPLIED MATHEMATICS (3) **Najita**
Application of mathematical operations in business: logarithms, algebraic equations, ratios, progressions as used in pricing, interest, annuities, and depreciation.
Daily 10:10-11:25

S 300 BUSINESS STATISTICS (3) **Sasaki**
Measurement of averages, variability, statistical inference, correlation analysis, index numbers and time series.
(First half of a year course, 300-301.)
Daily 8:45-10:00

S 301 BUSINESS STATISTICS (3) **Congdon**
Statistical treatment of data as an aid to business decisions; estimation of population parameters and testing of hypotheses on the basis of quantitative samples.
Daily 7:20-8:35

Business Economics

S 150 PRINCIPLES OF ECONOMICS (3) **Bronfenbrenner**
(same as Economics S 150)
An introductory course directed to what has come to be called macro-economics, focusing on the foundation of production, national income, the banking system, business fluctuation, and economic growth. A few tools are provided to analyze the problems of insuring adequate economic growth, full employment, and a stable price level.
Daily 10:10-11:25

S 151 PRINCIPLES OF ECONOMICS (3) **Kirkpatrick**
The nature, scope, and methods of economic analysis: forms of business organization, analysis of the firm and industry under varying market conditions, and the functional and personal distribution of income. The role of economic institutions such as corporations, labor unions, and government is also examined. The course

utilizes a minimum of economic methodology focusing on the broader principles and relationships. Prerequisite: BEc 150.
Daily 11:35-12:50

S 240 MONEY AND BANKING (3) **See**
(same as Economics S 240)

The course is concerned with the principles underlying credit, money, and the monetary system of the United States, the history of banking, and the organization and operation of the various types of banking institutions. Attention is paid to the working of commercial banking and the Federal Reserve System and its goals and policies. The student is introduced to monetary theory to gain understanding of the relationship of money, credit, and banking to the economic system, and problems arising from business fluctuations.
Daily 7:20-8:35

S 440 MANAGERIAL ECONOMICS (3) **Grayson**

Application of economics principles and tools to the solution of business problems. These problems are of two kinds: those which can be called internal because many factors in the situation are within the control of the business company, and those which are external, involving conditions which business management cannot control but to which it must adjust. The course begins with internal problems of the firm which involve the analysis of demand, cost analysis, price policies, and non-price competition. The latter part of the course is devoted to external problems dealing with the adjustment of the firm to business fluctuations, labor conditions, and government regulations.
Daily 8:45-10:00

Finance

S 300 BUSINESS FINANCE (3) **R. Taussig**

A study of the forms and sources of financing business firms large and small, corporate and noncorporate. The emphasis is on financial planning and on developing judgment in formulating decisions on financial problems. Financial policies are also considered in their social, legal, and economic effects. Prerequisites: Acc 101, BEc 151.
Daily 8:45-10:00

Law

S 300 PRINCIPLES OF BUSINESS LAW (3) **Lau**

(Formerly Law 100) The American system of jurisprudence, torts, criminal law, civil law, property, wills, intestacy, laws affecting various business organizations, and the general law of agency.
Daily 10:10-11:25

Hotel Management and Tourism

S 101 INTRODUCTION TO HOTEL MANAGEMENT AND TOURISM (2) **Black**

Introduction to the public housing, food service, and tourist service industries. Simplified case studies and guest lectures by industry leaders will be included.
Daily 7:45-8:35

S 355 STUDIES IN TOURISM (2) **Black**

Critical analysis of available concepts and generalizations concerning tourism on a world basis. Emphasis on individual research and creative thinking.
Daily 9:10-10:00

S 200-201 INTERNSHIP (0) **Winter**

800 hours of paid employment in the hotel or tourist industry. Employment for summer months arranged with department chairman.

Management

S 300 PRINCIPLES OF MANAGEMENT (3)

Buchele

Analysis of objectives. Basic management functions of planning, organizing, and controlling. Development of a sound philosophy. Critical evaluation of current practices in business organizations.
Daily 11:35-12:50

Marketing and Foreign Trade

S 300 PRINCIPLES OF MARKETING (3)

Pratt

A broad survey course covering the consumer, retailing, wholesaling, functional analysis, marketing policies, and a critical appraisal of marketing in a governmental context. Prerequisite: BEc 151.
Daily 8:45-10:00

S 400 PERSUASION IN BUSINESS (2)

Stellmacher

The applied psychology of persuasion and motivation; the pervasive role of the selling function in the American economy; some effective techniques of presentation as developed by master salesmen.
Daily 10:10-11:00

S 420 ADVERTISING (3)

Stellmacher

The marketing function of advertising; visualization, copy, layout, production, media selection, research, merchandising the complete program; organization and control; economic and social aspects of advertising.
Daily 7:20-8:35

Personnel and Industrial Relations

S 300 LABOR PROBLEMS (3)

Bernstein

Study of wages, hours, working conditions, employment, and other labor problems. Structure and operation of trade unions. Prerequisite: BEc 150-151 or equivalent.
Daily 10:10-11:25

S 350 PERSONNEL MANAGEMENT (2)

Buchele

Application of the behavioral approach in solving management's human relations problems. Background for a rational approach to specific techniques in establishing personnel policies.
Daily 9:10-10:00

Chemistry

S 104 GENERAL CHEMISTRY (4)

Vaughan

Fundamental laws, principles, and methods. The equivalent of the second half of the academic year's course. Prerequisite: Chemistry 103. Course fee \$10.00.
Daily 8:30-10:00 Laboratory, MW 1:00-5:00

S 141 ELEMENTS OF ORGANIC CHEMISTRY (4)

Kiefer

Intensive course. Chemistry of carbon compounds. Prerequisite: Chemistry 104 or 106. Course fee \$12.00.
Daily 8:30-10:00 Laboratory, MW 1:00-5:00

Chinese

S 101 ELEMENTARY MANDARIN—CONVERSATION (3) Spencer

An intensive course equivalent to the first semester's work in the academic year. Conversation and sentence patterns, with emphasis on practical and social situations. One period of laboratory drill daily is required. Lab fee \$3.00. First 5-week term: June 24–July 26. May be taken concurrently with S 103.
Daily 8:10–10:00 Laboratory, daily 7:10–7:55, or 10:10–10:55

S 102 ELEMENTARY MANDARIN—CONVERSATION (3) Spencer

Continuation of S 101; the equivalent of the second semester's work in the academic year. Students completing this course may take Intermediate Conversational Chinese. One period of laboratory drill daily is required. Lab fee \$3.00.
Second 5-week term: July 20–August 30. May be taken concurrently with S 104.
Daily 8:10–10:00 Laboratory, daily 7:10–7:55, or 10:10–10:55

S 103 ELEMENTARY MANDARIN—READING (3) Brown

An intensive course equivalent to a full semester's reading course in the academic year. Training in Pai-hua reading. First 5-week term: June 24–July 26. May be taken concurrently with S 101.
Daily 10:10–12:00

S 104 ELEMENTARY MANDARIN—READING (3) Brown

Continuation of S 103; the equivalent of the second semester's work in the academic year. Second 5-week term: July 29–August 30. May be taken concurrently with S 102.
Daily 10:10–12:00

S 151 INTERMEDIATE MANDARIN—CONVERSATION (3)

An intensive course in more advanced conversation equivalent to a semester's work in the academic year. One period of laboratory drill is required. Lab fee \$3.00.
First 5-week term: June 24–July 26.
Daily 9:10–11:00 Laboratory, daily 8:10–8:55, or 11:10–11:55

S 152 INTERMEDIATE MANDARIN—CONVERSATION (3)

Continuation of S 151; the equivalent of the second semester's work in the academic year. One period of laboratory drill daily is required. Lab fee \$3.00.
Second 5-week term: July 29–August 30.
Daily 9:10–11:00 Laboratory, daily 8:10–8:55, or 11:10–11:55

S 153 INTERMEDIATE MANDARIN—READING (3) Rollins

Continuation of S 104. Selected reading of Pai-hua literature. Equivalent to the first semester's work in the academic year.
First 5-week term: June 24–July 26.
Daily 10:10–12:00

S 154 INTERMEDIATE MANDARIN—READING (3) Rollins

Continuation of S 153; the equivalent of the second semester's work in the academic year.
Second 5-week term: July 29–August 30.
Daily 10:10–12:00

S 209 ADVANCED CHINESE CONVERSATION (3)

Course conducted entirely in Chinese. Lectures, reports, discussions. Extensive use of taped samples of oral Chinese: news broadcasts, radio programs, lectures, unrehearsed conversational situations. Prerequisite: Chinese 108, or 152, or equivalent. One period of laboratory drill daily is required. Lab fee \$3.00.
First 5-week term: June 24–July 26.
Daily 8:10–10:00 Laboratory, daily 7:10–7:55, or 10:10–10:55

S 210 ADVANCED CHINESE CONVERSATION (3)

Continuation of S 209. One period of laboratory drill daily is required. Lab fee \$3.00.

Second 5-week term: July 29–August 30.

Daily 8:10–10:00 Laboratory, daily 7:10–7:55, or 10:10–10:55

S 211 THIRD YEAR CHINESE (3)

Liu

An intensive course equivalent to the first semester's work in the academic year. Reading of newspapers and classics; exercise in translation. Prerequisite: Chinese 153–154, or equivalent.

First 5-week term: June 24–July 26.

Daily 8:10–10:00

S 212 THIRD YEAR CHINESE (3)

Liu

Continuation of S 211; the equivalent of the second semester's work in the academic year.

Second 5-week term: July 29–August 30.

Daily 8:10–10:00

S 417 FOURTH YEAR CHINESE (3)

Readings in advanced classical texts; the equivalent of the first semester's work in the academic year. Prerequisite: Chinese 212 or equivalent.

First 5-week term: June 24–July 26.

Daily 8:10–10:00

S 418 FOURTH YEAR CHINESE (3)

Continuation of S 417; the equivalent of the second semester's work in the academic year.

Second 5-week term: July 29–August 30.

Daily 8:10–10:00

Drama and Theatre

S 140 INTRODUCTION TO DRAMA AND THEATRE (3)

Hoffman

Reading and discussion of representative plays from *Death of a Salesman* to *Agamemnon*. Study of the plays as illustrative of changing forms in the theatre and dramatic literature.

Daily 8:45–10:00

S 250 THEATRE WORKSHOP (3)

Trapido

Lectures and supervised work in theatrical production, coordinated with the production of the University Summer Theatre. Scenery, lighting, costumes, properties, acting, and direction are covered. For the general student as well as drama majors and participants in the summer play.

Hrs. arr.

S 347 MODERN STAGE PRODUCTION (2)

Hoffman

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

Daily 10:35–11:25

S 470 MOTION PICTURES AND SOCIETY (2)

Gompertz

A study of the motion picture film, past and present, and its impact on society; the film as one of the mass media; the film as art; the film versus stage and television.

Daily 9:10–10:00

Economics

S 140 INTRODUCTION TO ECONOMICS (3)

Myers

The principles of economics with applications to current economic problems. Designed for non-economics majors. Credit cannot be obtained in both this and 150.

Daily 8:45–10:00

- S 150 PRINCIPLES OF ECONOMICS (3)** **Bronfenbrenner**
 (same as Business Economics S 150)
 Economic analysis of production, income, prices, and distribution in the American economy.
 Daily 10:10-11:25
- S 240 MONEY AND BANKING (3)** **Seo**
 (same as Business Economics S 240)
 U.S. monetary system, principles of commercial and central banking; the Federal Reserve, the Treasury, and credit control; monetary theory.
 Daily 8:45-10:00
- S 300 INTERMEDIATE ECONOMICS THEORY: PRICE THEORY (3)** **Earley**
 Price determination and resource allocation under competition, monopoly, oligopoly, monopolistic competition. Theories of demand, cost, partial, general equilibrium.
 Daily 10:10-11:25
- S 410 CURRENT ECONOMIC PROBLEMS OF ASIA AND THE FAR EAST (2)** **Bronfenbrenner**
 Principles, problems, and policies of economic development in underdeveloped areas, with particular attention to Asia and Far East.
 Daily 7:45-8:35
- S 450 PUBLIC FINANCE (3)** **Oster**
 Government expenditures, revenues, debts, budgeting; economic effects; fiscal policy. Emphasis on federal government.
 Daily 8:45-10:00

Education

Administration and Supervision

- Ad S 670 SUPERVISION OF INSTRUCTION (2)** **Crossley**
 Principles of supervision and development of supervisory programs. Prerequisite: EE 622 or SE 636.
 Daily 9:10-10:00
- Ad S 672 PERSONNEL PRACTICES AND THE SCHOOL PRINCIPAL (2)** **DeYoung**
 Orientation to personnel practices; principles in personnel management; procedures in assignment, orientation; evaluation of staff.
 Daily 9:10-10:00
- Ad S 673 METHODS AND MATERIALS IN ADULT EDUCATION (2)** **Mickelson**
 Use of newer methods, materials, and media in instruction of adults.
 Daily 9:10-10:00
- Ad S 679 SUPERVISION OF STUDENT TEACHING (2)** **O. Davis, Inn**
 (2 sections)
 Principles and methods; role of the supervisor; human relations in supervision of student teaching. Prerequisite: teaching experience; consent of instructor.
 Daily 9:10-10:00 (Secondary) O. Davis
 11:35-12:25 (Elementary) Inn
- Ad S 680 PUBLIC SCHOOL ORGANIZATION (2)** **Meyer, Nelson**
 (3 sections)
 Function of the teacher in school administration; state and territorial organization of public education; Hawaii school law and State Department of Education regulations.
 Daily 9:10-10:00 (Nelson)
 10:10-11:00 (Meyer)
 11:35-12:25 (Nelson)

- EP S 605 PROBLEMS OF SCHOOL ADJUSTMENT (2)** **Fouracre**
 Principles of behavior which affect human relationships in the school, with emphasis upon application to actual situations.
 Daily 9:10-10:00
- EP S 609 TESTS AND INVENTORIES IN GUIDANCE (2)** **Doi**
 Tests and inventories for measuring aptitudes, interests, and modes of behavior.
 Prerequisite: EP 309, 601.
 Daily 7:45-8:35
- EP S 613 EDUCATION OF SLOW LEARNERS (2)** **Cochran**
 Analysis of the special problems of slow learners and development of techniques and programs for serving them.
 Daily 11:35-12:25
- EP S 614 EDUCATION OF RAPID LEARNERS (2)** **McIntosh**
 Analysis of special problems of rapid learners and development of techniques and programs for serving them.
 Daily 10:10-11:00
- EP S 617 EDUCATION OF EMOTIONALLY HANDICAPPED CHILDREN (3)** **Fouracre**
 Identification, management, and techniques for teaching emotionally handicapped children in the public school. Also an overview of the use of the community resources in the team approach.
 Daily 11:35-12:50
- EP S 634 TELEVISION IN EDUCATION (3)** **R. Reed**
 Research backgrounds, development and utilization of television in education including fundamentals of television production and teaching of television with emphasis on the utilization of television in the school. Prerequisite: EP 514 or consent of instructor. Lab fee \$5.00.
 Daily 8:45-10:00
- EP S 672 ADVANCED EDUCATIONAL PSYCHOLOGY (3)** **R. C. Johnson**
 (Same as Psych S 672)
 Application of experimental evidence in psychology to major educational problems; the bearing of recent psychological theories upon education.
 Daily 10:10-11:25
- EP S 701(3) SEMINAR IN GUIDANCE: COUNSELING (2)** **Wrenn**
 Current issues and problems. Prerequisite: 8 credits in guidance courses.
 Daily 11:35-12:25
- EP S 701(6) SEMINAR IN GUIDANCE: ADMINISTRATION (2)** **Doi**
 Current issues and problems. Prerequisite: 8 credits in guidance courses.
 Daily 10:10-11:00
- EP S 702 GROUP GUIDANCE (2)** **Collins**
 Principles, practices, materials, and techniques used in group guidance in schools.
 Prerequisite: EP 601.
 Daily 11:35-12:25
- EP S 703 GUIDANCE PRACTICUM (3)** **Collins**
 Supervised experience in guidance activities in schools. Guidance majors only. Prerequisite: consent of instructor.
 Hrs. arr.
- EP S 705 PRODUCTION OF AUDIO-VISUAL MATERIALS (3)** **Lubitz**
 Preparation of overlays, films, slides, simple motion pictures. Utilization of film, television, and automated learning materials. Prerequisite: EP 514 and teaching experience. Course fee \$5.00.
 Daily 11:35-12:50

EP 5 708 EDUCATIONAL RESEARCH METHODS (3)

Beyers, G. Fujita

(2 sections)

Research techniques and thesis development. Prerequisite: EP 309; consent of instructor.

Daily 7:20-8:35 (Fujita)
10:10-11:25 (Beyers)

EP 5 714 ORGANIZATION OF NEW MEDIA PROGRAMS (3)

Witich

Current principles and practices in the organization of programs utilizing new learning media: audio-visual, automated learning, and educational television. Prerequisite: EP 514.

Daily 10:10-11:25

Elementary Education

EE S 222 PRINCIPLES OF ELEMENTARY EDUCATION (4)

Jenkins

A survey of the principles of elementary education for teachers with less than professional certification. Credit applies toward certificate but not toward Ed.B.; may not be taken for credit by persons who have credit in EE 220, 221.

Daily 7:20-9:00

EE S 225 CHILDREN'S LITERATURE (2)

Gillespie

Acquaintance with a wide range of children's books; criteria for judging literature on the basis of needs and interests. Prerequisite: EE 220.

Daily, 10:10-11:00

EE S 320 LANGUAGE ARTS, ELEMENTARY (3)

Gillespie

Modern approach to the teaching of language arts—reading, oral and written expression. Prerequisite: EE 220.

Daily 11:35-12:50

EE S 322 SOCIAL STUDIES, ELEMENTARY (2)

Jerolimек

Scope and organization of the social studies for the elementary school. Prerequisite: EE 220.

Daily 7:45-8:35

EE S 325 TRENDS IN THE TEACHING OF ARITHMETIC (2)

Houston

Mathematical content necessary for effective use of newer approaches; nature of number systems; introduction to the theory of numbers; basic concepts of algebra; foundations in geometry. Prerequisite: EE 220.

Daily 10:10-11:00

EE S 326 CREATIVE ART, ELEMENTARY (2)

Pickens

Understanding the creative use of art materials, tools, ideas, and their sources. Prerequisite: EE 220; Art 103. Lab fee \$7.50.

Daily 10:10-12:25

EE S 526 CREATIVE EXPRESSION IN ELEMENTARY EDUCATION (3)

Hayes

Study of the development of the individual child through creative drama, free rhythmic dancing, and creative music. Prerequisite: EE 220, 221, S 222, or 224.

Daily 8:45-10:00

EE S 620 TEACHING READING IN THE ELEMENTARY SCHOOL (2)

Hayes, King

(2 sections)

Various techniques and materials for teaching reading and for improving reading skills.

Daily 7:45-8:35 (Hayes)
9:10-10:00 (King)

- EE S 621 MODERN LANGUAGE ARTS PROGRAM, ELEMENTARY (2)** **Theman**
 Survey of research; critical examination of educational procedures in teaching the language arts. Prerequisite: basic course in teaching language arts.
 Daily 7:45-8:35
- EE S 622 ELEMENTARY SCHOOL CURRICULUM (2)** **King**
 Principles and techniques of curriculum improvement at the elementary school level. Resources and teaching units. Prerequisite: teaching experience.
 Daily 11:35-12:25
- EE S 624 THE ELEMENTARY MATHEMATICS CURRICULUM (2)** **Houston**
 Application of recent developments in mathematics, curriculum construction, and learning theory to the elementary school. Prerequisite: EE 324, teaching experience, and concurrent registration in EE S 325.
 Daily 12:00-12:50
- EE S 625 THE ELEMENTARY SOCIAL STUDIES CURRICULUM (2)** **Jarolimek**
 An examination and evaluation of social science content, societal values and research findings as a basis for the development and revision of social studies materials, texts, curriculum guides, and methodology. Prerequisite: EE 322 and teaching experience.
 Daily 9:10-10:00
- EE S 626 ART IN ELEMENTARY EDUCATION (2)** **Pickens**
 Principles of and problems in teaching art in the elementary school; current approaches in art education. Prerequisite: Art 103-104; EE 326. Lab fee \$7.50.
 Daily 7:20-9:35
- EE S 667 CURRICULUM TRENDS IN EARLY CHILDHOOD EDUCATION (3)** **Theman**
 Study of current issues and problems in kindergarten and early elementary education with emphasis on program planning for curriculum improvement.
 Daily 10:10-11:25

Health and Physical Education

An activities and/or locker fee of \$3.00 is assessed for all courses listed below. Medical clearance is required for all courses except S 124, S 276, S 315, and 332.

- HPE S 101 AQUATIC ACTIVITIES (1)** **Furukawa**
 (2 sections)
 Skill, knowledge, attitudes, and appreciation.
 Daily 9:10-10:00
 10:35-11:25
- HPE S 102 INDIVIDUAL AND DUAL ACTIVITIES (1)** **Vasconcellos, Bruhn**
 (4 sections)
 Skill, knowledge, attitudes, and appreciation.
 Daily 10:10-11:00 (Beginning Golf) Vasconcellos
 10:10-11:00 (Beginning Tennis) Bruhn
 11:35-12:25 (Beginning Golf) Vasconcellos
 11:35-12:25 (Beginning Tennis) Bruhn
- HPE S 111 INTERMEDIATE SWIMMING (1)** **Furukawa**
 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.
 Daily 7:45-8:35

HPE S 112 ADVANCED SWIMMING (1)**Gustuson**

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.

Daily 12:00-12:50

HPE S 114 DEVELOPMENTAL ACTIVITIES (1)**Gustuson**

Exercises with and without apparatus selected to meet personal needs; various forms and systems of exercise surveyed.

Daily 9:10-10:00

HPE S 117 PRINCIPLES AND TECHNIQUES OF SELF-DEFENSE (1)**Gustuson**

A beginning course for men and women in the theory and practice of defending oneself. Emphasis will be placed on methods of resisting attack, escaping quickly, falling without injury, and disarming an aggressor. Various self-defense arts, such as judo, karate, kempo, kendo, and aikido will be studied.

Daily 10:35-11:25

HPE S 124 DANCES OF HAWAII (1)**Beamer, Gay, Kaina, Sharpe**

(14 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. For certain advanced dances, a fee of \$4.00 may be assessed for purchase of appropriate stones and bamboo sticks (*pu'ili*).

- Daily (1) 7:45-8:35 (Kaina)
 (2) 7:45-8:35 (Gay)
 (3) 7:45-8:35 (Sharpe)
 (4) 7:45-8:35 (Beamer)
 (5) 9:10-10:00 (Kaina)
 (6) 9:10-10:00 (Gay)
 (7) 9:10-10:00 (Sharpe)
 (8) 9:10-10:00 (Beamer)
 (9) 10:00-11:00 (Beamer)
 (10) 10:10-11:00 (Gay)
 (11) 10:10-11:00 (Kaina)
 (12) 10:10-11:00 (Sharpe)
 (13) 11:35-12:25 (Gay)
 (14) 11:35-12:25 (Advanced) (Sharpe)

HPE S 125 INTERMEDIATE TENNIS (1)**Bruhn**

For those with some experience. Improving basic skills.

Daily 7:45-8:35

HPE S 127 INTERMEDIATE GOLF (1)**Vasconcellos**

For players with some experience on the golf course. Emphasis will be placed on improving basic skills leading to understanding of elementary principles of play in course management. Limited participation (2 round minimum) on the golf course. Green fees additional to course fees.

MW 12:30-2:20 and F 12:30-1:20

HPE S 221 PHYSICAL EDUCATION, ELEMENTARY (2)**Beamer**

Content and method for programs on the elementary school level. Adaptations to meet situations with like age groups outside school.

Daily 11:30-1:00

HPE S 276 CURRENT TRENDS IN HEALTH (2)**Lantagne**

A critical analysis of current problems and trends in the basic health education areas (communicable and chronic diseases, mental health, nutrition, safety, consumer education, family health) which contributes to healthful living in the community, home, and school.
Daily 7:45-8:35

HPE S 315 FOOTBALL COACHING (2)**Vasconcellos**

Methods and materials of modern systems covering offense and defense; organization of practice; principles of competition; responsibilities of coach; purchase and care of equipment. Prerequisite: HPE 215, or coaching experience.
Daily 7:45-8:35

HPE S 332 THE SCHOOL'S ROLE IN COMMUNITY HEALTH (2)**Lantagne**

Historical and modern developments of health problems with special emphasis on interpretation of their effect on individual and community life. Promotion of community health programs for the solution of current health problems. Prerequisite: HPE 230, or consent of instructor.
Daily 10:10-11:00

History and Philosophy of Education**HP S 650 HISTORY OF EDUCATION (3)****Potter**

(2 sections)

History of Western educational thought and practice as a basis for the study of modern school problems.

Daily 7:20-8:35
8:45-10:00

HP S 660 PHILOSOPHY OF EDUCATION (3)**Brubacher, P. Smith**

(4 sections)

Philosophy and science in education; social, psychological, and ethical considerations essential to a philosophy of education. Prerequisite: student teaching.

Daily 7:20-8:35 (Smith)
8:45-10:00 (Brubacher)
10:10-11:25 (Smith)
11:35-12:50 (Brubacher)

HP S 665 EDUCATION IN AMERICA (3)**DeYoung**

A comprehensive overview of the American educational scene from nursery school to graduate and professional schools, public and private; problems of support, organization, curriculum, methods, teacher preparation.
Daily 11:35-12:50

HP S 671 COMPARATIVE EDUCATION: THE ORIENT (3)**Anderson**

Study of the educational problems, practices, and institutions in the countries of Asia.

Daily 8:45-10:00

HP S 751 HISTORY OF AMERICAN EDUCATION (3)**Clopton**

History of educational thought and practice in America, with major emphasis on the 19th and 20th centuries. Prerequisite: HP 650.
Daily 10:10-11:25

HP S 768 SEMINAR IN PROBLEMS OF EDUCATION (2)**Clopton, G. Fujita**

(2 sections)

Study and discussion of significant topics and problems. Required of Ed.M. candidates (Plan B). Prerequisite: EP 708.

Daily 1:45-3:00 (Clopton)
1:45-3:00 (Fujita)

HP S 769 CURRENT ISSUES IN EDUCATION (2)**Boyers**

Consideration of problems and issues raised in recent professional journals and books.

Prerequisite: HP 660. May be repeated.

MTWTh 8:45-10:00

HP S 773 WORKSHOP: INTERNATIONAL EDUCATION, JAPAN (6)**Amioka, Kobayashi**

On-the-spot workshop experience in Japan primarily for elementary and secondary teachers and college and community leaders who seek an understanding of basic problems of education in an Asian culture. This understanding will be sought primarily through an intensive study of the new national courses of studies. Each student will be asked to develop a project in a particular subject matter area covered by the course of studies, at the elementary, junior high, or senior high level, with a description of recent changes and a comparison of Japanese and American practices. Activities include lectures, discussion, panels, school visits, consultation with educational workers and leaders as well as students.

June 24-August 4

Industrial Education**IE S 300 INDUSTRIAL CRAFTS—JEWELRY AND LAPIDARY PROCESSES (2)****Poyzer**

Design, processes and materials of jewelry making; lapidary processes and materials for polishing semi-precious gemstones; black coral polishing and mounting.

Daily 7:45-8:35

IE S 401 PROBLEMS IN INDUSTRIAL EDUCATION (Var.)**Poyzer**

A program arranged for specialization in several technical areas. May be repeated for total of five credits.

Hrs. arr.

IE S 402 IMPROVEMENT OF INSTRUCTION, INDUSTRIAL EDUCATION (Var.)**Poyzer**

Consideration of problems in teaching industrial education. May be repeated for total of five credits.

Hrs. arr.

Library Science**LS S 310 THE LIBRARY IN TEACHING (2)****Diehl**

For prospective teachers and librarians. Use of the library in classroom instruction; use of school and public library resources; teaching library skills.

Daily 7:45-8:35

LS S 320 REFERENCE MATERIALS (3)**Lantz**

Introduction to basic types of reference sources; their evaluation, content, use.

Daily 8:45-10:00

LS S 340 CATALOGUING AND CLASSIFICATION (3)**Diehl**

Introduction to the Dewey Decimal classification; dictionary cataloguing, subject headings and filing. Prerequisite: typing ability. Course fee \$3.00.

Daily 10:10-11:25

LS S 430 BOOK SELECTION AND READING GUIDANCE (3)**Lantz**

Selection and use of school library materials in terms of the curriculum and children's needs and interests. Prerequisite: EE 225 or SE 235.

Daily 11:35-12:50

Secondary Education**SE S 230 SECONDARY EDUCATION (4)****Laughlin**

Basic course dealing with the major problems of secondary education. Prerequisite: Psych 152.

Daily 7:20-9:00

SE S 235 LITERATURE FOR ADOLESCENTS (2)

O. Davis

Literature for the secondary school level; helping students appreciate the significance and meaning of literature; materials suitable for varying levels of ability and interests. Daily 10:10-11:00

SE S 290 PARTICIPATION TEACHING (1)

In

Classroom experiences and discussions and analysis of such experiences. Concurrent registration with major field methods course. Prerequisite: SE 230. Daily Hrs. Arr.

SE S 331 TEACHING OF READING IN INTERMEDIATE AND HIGH SCHOOL (2)

R. Alm

Techniques and materials for teaching reading and improving reading skills in the intermediate and high school. Daily 9:10-10:00

SE S 332 SOCIAL STUDIES, SECONDARY (3)

In

Scope and organization of social studies in the secondary school; development of social knowledge and understanding. Prerequisite: SE 230. Daily 10:10-11:25

SE S 628 PROBLEMS OF TEACHING SCIENCE IN THE SECONDARY SCHOOLS (3)

Washton

A study of the principles and problems involved in the various new programs and approaches in the teaching of science in the secondary schools. Prerequisite: SE 333 and consent of instructor. Daily 8:45-10:00

SE S 629 INSTRUCTIONAL USES OF THE LABORATORY IN SECONDARY SCHOOL SCIENCE (2)

Washton

Skills and understandings in the use of the laboratory in science teaching in secondary schools. Critical evaluation of the use of the demonstration, open-ended experiments, pupil projects, and research studies. Prerequisite: SE 333 and consent of instructor. Daily 10:10-11:25

SE S 634 EXTRACLASS ACTIVITIES IN SECONDARY SCHOOLS (2)

In

Planning and supervising student government, dramatics, athletics, school journalism, and other activities. Daily 7:45-8:35

SE S 636 SECONDARY SCHOOL CURRICULUM (2)

Meyer

Principles and techniques of curriculum improvement at the secondary school level. Prerequisite: teaching experience. Daily 11:35-12:25

SE S 638 INSTRUCTIONAL MATERIALS FOR INDUSTRIAL EDUCATION (2)

Poyzer

Study of instructional materials and processes adaptable to various phases of industrial education including industrial arts, technical trade education and vocational education. Emphasis on design and fabrication of two and three dimensional materials such as charts, models, process displays, and projectional aids. Prerequisite: SE 346 and consent of instructor. Daily 9:10-10:00

Engineering

General

S 105 ENGINEERING GRAPHICS (3)

Landstreet

Graphic methods for space studies of points, lines, and planes, working drawings, vector graphics, development and intersections, graphs and charts, graphical algebra and calculus. Prerequisite: high school mechanical drawing. Daily 8:30-12:00

Civil

S 271 APPLIED MECHANICS II (3)

Kinematics and dynamics of a particle and vibrating systems. Kinetics of particles and rigid bodies. Dynamics of nonrigid systems. Prerequisite: CE 170; Math 142.
Daily 8:45-10:00

S 274 MECHANICS OF MATERIALS (3)

Continuation of CE 273. Plastic strain and statistical stress strain relationships. Analysis of statically indeterminate beams, curved beams. Plates and shells. Prerequisite: CE 273.
Daily 8:45-10:00

S 220 FLUID MECHANICS (3)

Fluid statics, kinematics of fluid flow, momentum and energy equations, flow in pipes, open channel flow. Prerequisite: CE 271 or Physics 310.
Daily 10:10-11:25

Electrical

S 102 ELECTRICAL SCIENCE (3)

Development of electrical science concepts from physics of electricity and magnetism. Prerequisite: Math 142; Physics 172.
Daily 8:45-10:00

Mechanical

S 231 THERMODYNAMICS (3)

Chou

Fundamentals of thermodynamics and their application to the efficient production and utilization of power. Prerequisite: Chem 104; Physics 174; Math 142.
Daily 8:45-10:00

English

S 101 COMPOSITION (3)

Staff

(8 sections)

Principles and practice of composition—expository forms. First semester. For all students qualifying in university entrance examinations.

- Daily (1) 7:20-8:35
(2) 7:20-8:35
(3) 8:45-10:00
(4) 8:45-10:00
(5) 8:45-10:00
(6) 10:10-11:25
(7) 10:10-11:25
(8) 11:35-12:50

S 102 COMPOSITION (3)

Staff

(8 sections)

Principles and practice of composition—expository forms including research project. Second semester. Prerequisite: English 101.

- Daily (1) 7:20-8:35
(2) 7:20-8:35
(3) 8:45-10:00
(4) 8:45-10:00
(5) 8:45-10:00
(6) 10:10-11:25
(7) 10:10-11:25
(8) 11:35-12:50

- S 150 MAJOR WORKS OF BRITISH LITERATURE (3)** **Summersgill, Topham**
 (2 sections)
 From the Middle Ages to 1800; an introductory course for sophomores.
 Daily (1) 8:45-10:00 (Summersgill)
 (2) 10:10-11:25 (Topham)
- S 151 MAJOR WORKS OF BRITISH AND AMERICAN LITERATURE (3)** **Stillians, Heiser**
 (2 sections)
 From 1800 to the present; an introductory course for sophomores.
 Daily (1) 10:10-11:25 (Stillians)
 (2) 8:45-10:00 (Heiser)
- S 152 WORLD LITERATURE: TO THE RENAISSANCE (3)** **Embler**
 Major works of classical, Oriental, European, American and English literature.
 Daily 8:45-10:00
- S 153 WORLD LITERATURE: 1600 TO THE PRESENT (3)** **Fujimura**
 Major works of classical, Oriental, European, American and English literature.
 Daily 10:10-11:25
- S 155 TYPES OF EUROPEAN AND AMERICAN LITERATURE (3)** **West**
 Poetry, drama, essays, and prose fiction from the sixteenth century to the present. A required course for sophomores in Agriculture, Business Administration, Engineering, Pre-Architecture, Recreational Leadership, and Medical Technology.
 Daily 8:45-10:00
- S 210 REPORT WRITING (2)** **Miller**
 Technical exposition: reports and other types of professional writing. Prerequisite: junior or senior standing.
 Daily 11:35-12:25
- S 212 ADVANCED EXPOSITORY WRITING (2)** **Topham, Ruble**
 (2 sections)
 Expository and descriptive writing, with emphasis upon the development of idea and style.
 Daily 7:45-8:35 (Topham)
 10:10-11:00 (Ruble)
- S 231 INTRODUCTION TO POETRY (2)**
 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 7:45-8:35
- S 444 MODERN DRAMATIC LITERATURE (3)** **Block**
 European and American, 1920 on, O'Casey to Miller.
 Daily 11:35-12:50
- S 445 SHORT STORY (2)** **Fujimura**
 A reading survey covering the development of the short story in English from Poe to the present.
 Daily 7:45-8:35
- S 457 SHAKESPEARE (3)** **Lowers**
 Shakespeare's plays from the beginnings through *Hamlet*.
 Daily 8:45-10:00
- S 490 TWENTIETH CENTURY BRITISH LITERATURE (2)** **Heiser**
 Representative works of the leading British novelists and poets since 1900, including Maugham, Conrad, Lawrence, Forster, Joyce, Woolf, Huxley and Amis.
 Daily 11:35-12:25

German

- S 101 ELEMENTARY GERMAN (3)** **Ramler**
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. One period of lab drill daily is required. Lab fee \$3.00.
First 5-week term: June 24–July 26.
Daily 10:10–12:00 Laboratory, daily 9:10–9:55, or 12:10–12:55
- S 102 ELEMENTARY GERMAN (3)** **Michalski**
Continuation of S 101; the equivalent of the second semester's work in the academic year. Students completing this course with a passing grade may take German 151 or 153, or both. One period of lab drill daily is required. Lab fee \$3.00.
Second 5-week term: July 29–August 30.
Daily 10:10–12:00 Laboratory, daily 9:10–9:55, or 12:10–12:55
- S 151 INTERMEDIATE: INTRODUCTION TO GERMAN LITERATURE (3)** **Bertrand**
Modern and classical authors; grammar review; conversation; laboratory drill; equivalent of a full semester's work in the academic year. One period of lab drill daily is required. Lab fee \$3.00.
First 5-week term: June 24–July 26.
Daily 10:10–12:00 Laboratory, daily 9:10–9:55, or 12:10–12:55
- S 152 INTERMEDIATE: INTRODUCTION TO GERMAN LITERATURE (3)** **Mueller**
A continuation of S 151; the equivalent of the second semester's work in the academic year. Students passing this course will have fulfilled the college language requirement. One period of lab drill daily is required. Lab fee \$3.00.
Second 5-week term: July 29–August 30.
Daily 10:10–12:00 Laboratory, daily 9:10–9:55, or 12:10–12:55

Hawaiian

- S 101 ELEMENTARY HAWAIIAN (3)** **Anthony**
An intensive course equivalent to the first semester's work in the academic year. Emphasis on conversation with some attention to Hawaiian songs. One period of laboratory drill daily is required. Lab fee \$3.00.
First 5-week term: June 24–July 26.
Daily 8:10–10:00 Laboratory, daily 7:10–7:55, or 10:10–10:55
- S 102 ELEMENTARY HAWAIIAN (3)** **Anthony**
Continuation of S 101; the equivalent of the second semester's work in the academic year. Students completing this course may take Intermediate Hawaiian. One period of laboratory drill daily is required. Lab fee \$3.00.
Second 5-week term: July 29–August 30.
Daily 8:10–10:00 Laboratory, daily 7:10–7:55, or 10:10–10:55

Hindi

- S 101 ELEMENTARY HINDI (3)** **Maurer**
Conversation with laboratory drill; the equivalent of the first semester's work in the academic year. One period of laboratory drill daily is required. Lab fee \$3.00.
First 5-week term: June 24–July 26.
Daily 9:10–11:00 Laboratory, daily 8:10–8:55, or 11:10–11:55

S 102 ELEMENTARY HINDI (3)**Maurer**

Continuation of S 101; the equivalent of the second semester's work in the academic year. One period of lab drill daily is required. Lab fee \$3.00.
 Second 5-week term: July 29–August 30.
 Daily 9:10–11:00 Laboratory, daily 8:10–8:55, or 11:10–11:55

S 151 INTERMEDIATE HINDI (3)**Artola**

Continuation of S 102. Reading and conversation with laboratory drill. Equivalent to the first semester's work in the academic year. One period of laboratory drill daily is required. Lab fee \$3.00.
 First 5-week term: June 24–July 26.
 Daily 8:10–10:00 Laboratory, daily 7:10–7:55, or 10:10–10:55

S 152 INTERMEDIATE HINDI (3)**Artola**

Continuation of S 151; the equivalent of the second semester's work in the academic year. One period of lab drill daily is required. Lab fee \$3.00.
 Second 5-week term: July 29–August 30.
 Daily 8:10–10:00 Laboratory, daily 7:10–7:55, or 10:10–10:55

History

S 151 WORLD CIVILIZATION (3)**Marder**

A survey of the more significant political, social, economic, and intellectual factors in the development of the civilization 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 24–July 26.
 Daily 8:30–10:00

S 152 WORLD CIVILIZATION (3)**Ernest**

Continuation of the history of world civilization from the seventeenth century to the present day. Second 5-week term: July 29–August 30.
 Daily 8:30–10:00

S 171 INTRODUCTION TO AMERICAN HISTORY (3)**D. D. Johnson**

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 11:35–12:50

S 399 DIRECTED READING (arr.)**Staff**

Individual reading projects in various fields. Limited to senior majors with 2.7 grade-point ratio, or 3.0 grade-point ratio in history.
 Hrs. arr.

S 409 RENAISSANCE AND REFORMATION, 1300–1600 (2)**Ernest**

Ideas and institutions in the early period of commercial and national development.
 Daily 11:35–12:25

S 433 GREAT BRITAIN IN THE TWENTIETH CENTURY (2)**Marder**

The changing British scene in war and peace from the accession of Edward VII to the present.
 Daily 10:10–11:10 June 24–July 26

S 439 AUSTRALIA AND NEW ZEALAND (2)**Murphy**

Major historical developments from colonization to independent nationhood; present problems and policies.
 Daily 9:10–10:00

- S 461 HISTORY OF THE UNITED STATES TO 1790 (2)** **Cowing**
 Expansion of Europe into the Western Hemisphere; establishment of American Independence.
 Daily 7:45-8:35
- S 512 HISTORY OF HISPANIC AMERICA (2)** **Guerrant**
 Political, economic, and social development of the Hispanic-American republics from colonial times to the present.
 Daily 9:10-10:00
- S 515 THE UNITED STATES AND HISPANIC AMERICA (2)** **Guerrant**
 Development of political and economic problems and policies in inter-American relations.
 Daily 11:35-12:25
- S 530 SOUTHEAST ASIA (2)** **Vella**
 History of Burma, Thailand, Laos, Cambodia, Vietnam, Malaya, Indonesia, and the Philippines since 1500, with emphasis on the impact of the west and on developments since independence.
 Daily 7:45-8:35
- S 532 HISTORY OF CHINA SINCE 1800 (2)** **Li**
 Response to Western culture; recent revolutionary changes.
 Daily 10:10-11:00
- S 547 JAPAN SINCE 1868 (2)** **Yanaga**
 A survey of Japanese political evolution since the Meiji Restoration, with particular attention to the goals of the leadership group, and the means used to control deviations from these objectives. Discussion of the nature of political institutions in the pre-World War II period, and detailed treatment of more recent developments, in the context of changing social and economic conditions.
 Daily 11:35-12:25
- S 549 HISTORY OF THAILAND (2)** **Vella**
 A survey of political, economic, social, and cultural developments in the Southeast Asia kingdom once known as Siam.
 Daily 10:10-11:00
- S 551 SOUTH ASIA (2)** **Kamil**
 A study of religious and political institutions of South Asia, taking into account its social, economic, and cultural developments. In tracing this evolution, the role of Hinduism as a unifying factor will be emphasized.
 Daily 11:35-12:25
- S 552 SOUTHWEST ASIA (2)** **Kamil**
 A study of religious and political institutions of Southwest Asia (from Egypt and Turkey to Afghanistan), taking into account its social, economic, and cultural developments. In tracing this evolution, the role of Islam as a unifying factor will be emphasized.
 Daily 7:45-8:35
- S 572 PACIFIC ISLANDS FROM 1779 (2)** **Murphy**
 Expansion of European commerce, missionary activity, settlement; effects on native peoples in Australasia, Melanesia, Micronesia, Polynesia.
 Daily 11:35-12:25
- S 575 THE UNITED STATES IN THE PACIFIC (2)** **Johnson**
 Growth of economic and political interests and policies in the Pacific area. Interchangeable credit: Asian, Pacific, or American.
 Daily 7:45-8:35

S 577 HISTORY OF THE HAWAIIAN ISLANDS (2)**Hunter**

Hawaii in the Pacific: its people, customs, 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 9:10-10:00

S 631 SEMINAR IN UNITED STATES HISTORY (2)**McCutcheon**

Special problems and readings in political and social history of the United States.
Hrs. arr.

S 661 SEMINAR IN CHINESE HISTORY (2)**Li**

Problems and reading in the political, social, and cultural history of China.
Daily 11:35-12:25

S 699 DIRECTED RESEARCH (arr.)**Staff**

Individual research in the same fields as in 399.
Hrs. arr.

Home Economics

S 210 FOODS OF THE PACIFIC (3)**Bartow, Staff**

Designed to acquaint the student with the food habits, customs and cookery of nations bordering on the Pacific. Chinese, Filipino, Hawaiian, Japanese, and Korean foods will be prepared and served. One 2-hour lecture period and two 2½-hour laboratory periods weekly. Prerequisite: Home Economics course in foods or previous experience in food preparation. Open to men and women, juniors, seniors, or graduates. Lab fee \$20.00. Laboratory (1) TTh 10:10-12:50
Lecture: M 10:30-12:30 (2) WF 10:10-12:50

S 620 TEXTILE AND CLOTHING STUDY TOUR OF ASIA (5)**Umbel**

A tour of Asian countries for the specific purpose of studying textiles and clothing—their history, design, and manufacture. The tour will follow a week of orientation, including lectures and programs on the University of Hawaii campus. The tour will include Japan, Okinawa, Taiwan, Philippines, Thailand, Malaya, Singapore, and Hong Kong. Traditional and modern textiles and costumes in cultural context will be given emphasis in each country.
June 27-August 10.

Indonesian

S 101 ELEMENTARY INDONESIAN (3)**Roosman**

Conversation with laboratory drill; the equivalent of the first semester's work in the academic year. One period of laboratory drill daily is required. Lab fee \$3.00.
First 5-week term: June 24-July 26.
Daily 9:10-11:00 Laboratory, daily 8:10-8:55, or 11:10-11:55

S 102 ELEMENTARY INDONESIAN (3)**Roosman**

Continuation of S 101; the equivalent of the second semester's work in the academic year. One period of laboratory drill daily is required. Lab fee \$3.00.
Second 5-week term: July 29-August 30.
Daily 9:10-11:00 Laboratory, daily 8:10-8:55, or 11:10-11:55

S 151 INTERMEDIATE INDONESIAN (3)**de Queljoe**

Reading and conversation with laboratory drill; the equivalent of the first semester's work in the academic year. One period of laboratory drill daily is required. Lab fee \$3.00.
First 5-week term: June 24-July 26.
Daily 9:10-11:00 Laboratory, daily 8:10-8:55, or 11:10-11:55

S 102 ELEMENTARY JAPANESE—CONVERSATION (3) Mirikitani, Staff

Continuation of S 101; the equivalent of the second semester's work in the academic year. Students completing this course may take Intermediate Japanese—Conversation. One period of laboratory drill daily is required. Lab fee \$3.00.
Second 5-week term: July 29–August 30. May be taken concurrently with S 104.
Daily (1) 9:10–11:00 Laboratory, daily 8:10–8:55, or 9:10–9:55, or
(2) 10:10–12:00 11:10–11:55, or 12:10–12:55

S 103 ELEMENTARY JAPANESE—READING (3) Wellington

An intensive course equivalent to a full semester's reading course in the academic year. Training in reading; *katakana*, *hiragana*, *kanji*.
First 5-week term: June 24–July 26. May be taken concurrently with S 101.
Daily 10:10–12:00

S 104 ELEMENTARY JAPANESE—READING (3) Wellington

Continuation of S 103.
Second 5-week term: July 29–August 30. May be taken concurrently with S 102.
Daily 10:10–12:00

S 151 INTERMEDIATE JAPANESE—CONVERSATION (3) Fujioka

An intensive course in more advanced conversation equivalent to a semester's work in the academic year. One period of laboratory drill daily is required. Lab fee \$3.00.
First 5-week term: June 24–July 26. May be taken concurrently with S 153.
Daily 9:10–11:00 Laboratory, daily 8:10–8:55, or 11:10–11:55.

S 152 INTERMEDIATE JAPANESE—CONVERSATION (3) Fujioka

Continuation of S 151; the equivalent of the second semester's work in the academic year. One period of laboratory drill daily is required. Lab fee \$3.00.
Second 5-week term: July 29–August 30. May be taken concurrently with S 154.
Daily 9:10–11:00 Laboratory, daily 8:10–8:55, or 11:10–11:55

S 153 INTERMEDIATE JAPANESE—READING (3) Tatsuguchi

An intensive course equivalent to a semester's work in the academic year. More *kanji*. First 5-week term: June 24–July 26. May be taken concurrently with S 151.
Daily 10:10–12:00

S 154 INTERMEDIATE JAPANESE—READING (3) Tatsuguchi

Continuation of S 153; the equivalent of the second semester's work in the academic year.
Second 5-week term: July 29–August 30. May be taken concurrently with S 152.
Daily 10:10–12:00

S 209 ADVANCED JAPANESE CONVERSATION (3) Staff

Course conducted entirely in Japanese. Lectures, reports, discussions. Extensive use of taped samples of oral Japanese: news broadcasts, radio programs, lectures, unrehearsed conversational situations. Prerequisite: Japanese 108, or 152, or equivalent. One period of laboratory drill daily is required. Lab fee \$3.00.
First 5-week term: June 24–July 26.
Daily 8:10–10:00 Laboratory, daily 7:10–7:55, or 10:10–10:55

S 210 ADVANCED JAPANESE CONVERSATION (3) Staff

Continuation of S 209. One period of laboratory drill daily is required. Lab fee \$3.00.
Second 5-week term: July 29–August 30.
Daily 8:10–10:00 Laboratory, daily 7:10–7:55, or 10:10–10:55

S 211 THIRD YEAR JAPANESE (3) Yasuda

An intensive course equivalent to the first semester's course in the academic year. More *kanji* necessary for the reading of newspapers, magazines, and contemporary fiction. Prerequisite: Japanese 153–154 or equivalent.
First 5-week term: June 24–July 26.
Daily 10:10–12:00

S 212 THIRD YEAR JAPANESE (3)

Yasuda

Continuation of S 211; the equivalent of the second semester's work in the academic year.

Second 5-week term: July 29–August 30.

Daily 10:10–12:00

S 401 JAPANESE LITERATURE (2)

Uyehara

Historical analysis of Japanese thought through literature. Classics and contemporary works in English translation. Equivalent to the first semester's work in the academic year. Prerequisite: English 151 or equivalent.

June 24–July 12.

Daily 10:10–12:00

S 402 JAPANESE LITERATURE (2)

Uyehara

Continuation of S 401; equivalent to the second semester's work in the academic year.

July 15–August 2.

Daily 10:10–12:00

S 417 FOURTH YEAR JAPANESE (2)

Fujikawa

An intensive course equivalent to the first semester's work in the academic year. Selected readings in the modern literary, classical, and *kambun* styles. Prerequisite: Japanese 212 or equivalent; 415–416 recommended.

June 24–July 12.

Daily 8:10–10:00

S 418 FOURTH YEAR JAPANESE (2)

Fujikawa

Continuation of S 417; equivalent to the semester's work in the academic year.

July 15–August 2.

Daily 8:10–10:00

Korean

S 101 ELEMENTARY KOREAN (3)

Staff

An intensive course equivalent to the first semester's work in the academic year. Emphasis on conversation.

First 5-week term: June 24–July 26.

Daily 10:10–12:00

S 102 ELEMENTARY KOREAN (3)

Staff

Continuation of S 101; the equivalent of the second semester's work in the academic year.

Second 5-week term: July 29–August 30

Daily 10:10–12:00

Latin

S 101 ELEMENTARY LATIN (3)

Paviantos

Intensified course in vocabulary and grammar with reading of simple Latin. Will satisfy prerequisite for French 471 and Spanish 471.

First 5-week term: June 24–July 26.

Daily 11:00–12:50

S 102 ELEMENTARY LATIN (3)

Paviantos

Continuation of S 101; the equivalent of the second semester's work in the academic year. Students completing this course with a passing grade may take Intermediate Latin.

Second 5-week term: July 29–August 30.

Daily 11:00–12:50

Mathematics

- S 101 INTERMEDIATE ALGEBRA (3)** **Brixey**
(2 sections)
Daily 7:20-8:35
8:45-10:00
- S 102 PLANE TRIGONOMETRY (3)** **Nagy, Staff**
(3 sections)
Prerequisite: two years of high school algebra or Math 101; one year of plane geometry.
Daily 7:20-8:35 (Nagy)
8:45-10:00 (Nagy)
8:45-10:00 (Staff)
- S 103 COLLEGE ALGEBRA (3)** **Spiller, Staff**
(4 sections)
Prerequisite: credit or concurrent registration in Math 102.
Daily 7:20-8:35 (Spiller)
7:20-8:35 (Staff)
8:45-10:00 (Spiller)
8:45-10:00 (Staff)
- S 111 INTRODUCTION TO MATHEMATICS (3)** **Garcia, Tatham**
(3 sections)
To acquaint the nonspecialist with the position of mathematics in modern culture.
Daily 7:20-8:35 (Garcia)
8:45-10:00 (Garcia)
8:45-10:00 (Tatham)
- S 112 COLLEGE ALGEBRA AND TRIGONOMETRY (3)** **Tatham**
Unified treatment of elementary mathematics through the consideration of the fundamental concepts of number, set, and function. Prerequisite: Math 111 or equivalent.
Daily 7:20-8:35
- S 113 CONCEPTS OF ANALYTIC GEOMETRY AND CALCULUS (3)** **Borges**
Analytic geometry and calculus with emphasis on the fundamental notions and their implications. Prerequisite: Math 112 or equivalent.
Daily 7:20-8:35
- S 114 CONCEPTS OF ANALYTIC GEOMETRY AND CALCULUS (3)** **Borges**
Analytic geometry and calculus with emphasis on the fundamental notions and their implications. Prerequisite: Math 112 or equivalent.
Daily 8:45-10:00
- S 140 ANALYTIC GEOMETRY AND CALCULUS I (3)** **Clark, Staff**
(3 sections)
Topics of analytic geometry and calculus which supplement each other. Prerequisite: Math 102.
Daily 7:20-8:35 (Clark)
8:45-10:00 (Staff)
8:45-10:00 (Staff)
- S 141 ANALYTIC GEOMETRY AND CALCULUS II (3)** **Siu**
(2 sections)
Continuation of Mathematics 140 with emphasis on the integral calculus. Prerequisite: Math 140.
Daily 7:20-8:35
8:45-10:00

- S 142 CALCULUS III (3)** **Staff**
 Techniques of integration with applications. Prerequisite: Math 141.
 Daily 7:20-8:35
- S 143 CALCULUS IV (3)** **Staff**
 Partial differentiation, multiple integration, and elementary differential equations.
 Prerequisite: Math 142.
 Daily 8:45-10:00
- S 421 INTRODUCTION TO MODERN ALGEBRA (3)** **Townes**
 Matrices, determinants, groups, properties of number systems, and the theory of fields.
 Prerequisite: Math 133 or 143.
 Daily 7:20-8:35
- S 422 MATRICES AND THEORY OF EQUATIONS (3)** **Townes**
 Algebra of matrices, linear equations, real vector spaces and transformations. Prerequisite: Math 143.
 Daily 8:45-10:00

Microbiology

- S 130 MICROBES AND MAN (2)** **Berger**
 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 10:10-11:00

Music

- S 111 GROUP VOICE INSTRUCTION (1)** **Pfeiffer**
 Basic principles of voice production and elementary music skills in classes of twenty.
 Daily 7:45-8:35
- S 140 RECREATIONAL MUSIC (2)** **Mundy, Lum**
 (2 sections)
 Elementary music skills including instruction on the ukulele. For recreation majors but open to others. Not open to those who have had Music 150.
 Daily 9:10-10:00 (Mundy)
 10:10-11:00 (Lum)
- S 150 ELEMENTARY MUSICIANSHIP (3)** **Mundy**
 Terminology, notation, sight singing, rhythmic and melodic dictation, and ukulele instruction. For prospective teachers. Not open to those who have had Music 140.
 Daily 10:10-11:25

- S 154 BRASS METHODS (2)** **Lum**
 Basic skills and teaching methods for brass instruments. For students preparing to teach instrumental music. (Meeting concurrently with Music 453.)
 Daily 9:10–10:00
- S 160 INTRODUCTION TO MUSIC LITERATURE (3)** **Uchima**
 Orchestral literature from the classical through the modern period. From the listener's point of view. Course fee \$2.00.
 Daily 10:10–11:00
- S 171 JAPANESE DANCE AND ITS MUSIC (1)** **Arai**
 Introduction to Japanese dance, folk and traditional. Background, demonstration, and participation.
 Daily 10:10–11:00
- S 251 MUSIC, ELEMENTARY CURRICULUM (2)** **Gillett**
 Organization and direction of music in childhood experience. Materials and procedures. Grades 1, 2, 3. Prerequisite: Music 150; junior standing in education.
 Daily 7:45–9:00
- S 401 ENSEMBLE MUSIC (1)** **Pfeiffer**
 (12) Vocal. May be repeated for credit. Prerequisite: consent of instructor.
 Daily 11:35–12:25
 (71) Asian. May be repeated for credit. Prerequisite: consent of instructor.
 Hrs. arr.
- S 450 MUSIC FOR ELEMENTARY TEACHERS (3)** **Rian**
 Continuation of Music 150 with emphasis upon sight singing, melodic and rhythmic dictation, and basic harmony. Prerequisite: Music 150 or equivalent. Not open to music majors.
 Daily 8:45–10:00
- S 453 ADVANCED BRASS METHODS (2)** **Lum**
 Advanced playing, teaching technique, and materials of brass instruments. Prerequisite: Music 154. (Meeting concurrently with Music 154.)
 Daily 9:10–10:00
- S 620 FIELD STUDIES: MUSIC STUDY TOUR OF ASIA (5)** **Smith**
 Lectures and programs on campus, followed by tour of Japan, Okinawa, Taiwan, Philippines, Thailand, Malaya, Singapore, and Hong Kong. Optional extension to Korea. Emphasis on traditional and modern music in cultural context. Includes attendance at the Fifth International Conference of the International Society for Music Education and special programs in each country. Prerequisite: consent of instructor, preregistration.
 June 24–August 22.
- S 621 ORIENTATION IN ASIAN MUSIC AND CULTURE (1)** **Smith**
 A concentrated series of lectures, programs, and demonstrations in Asian culture and performing arts as background for Asian travel. Included in Music S 620, but available to others. Course fee \$20.00.
 Hrs. arr., June 24–29.
- S 650 PROBLEMS IN MUSIC EDUCATION (2)** **Rian**
 Study of choral instrumental and general music at elementary and secondary school levels. Research, reports, and conferences. Prerequisite: teaching experience.
 Daily 10:10–11:00
- S 654 PACIFIC AND ASIAN MUSIC IN EDUCATION (2)** **Gillett**
 Songs, dances, musical instruments of Hawaii and Asia for grades 4, 5, 6. Prerequisite: Music 150, 251, 252, or consent of instructor. Rehearsal hours arranged.
 Daily 9:10–10:00

Applied Music

- S 121(11) CLASS VOICE INSTRUCTION (1)** **Pfeiffer, Vine**
Class instruction in voice. Practice facilities in Music Building. Course fee \$20.00.
Hrs. arr.
- S 121(23) CLASS KOTO INSTRUCTION (1)** **Mikami**
Class instruction in koto. Practice facilities in Music Building. Course fee \$20.00.
Hrs. arr.
- S 121(72) CLASS KOREAN DANCE INSTRUCTION (1)** **Huhm**
Class instruction in Korean dance. Daily. Practice facilities in Music Building.
Course fee \$20.00.
Hrs. arr.
- S 121(73) CLASS FILIPINO DANCE INSTRUCTION (1)** **Valentin**
Class instruction in Filipino dance. Daily. Practice facilities in Music Building.
Course fee \$20.00.
Hrs. arr.
- S 122 CLASS PIANO INSTRUCTION (1)** **Saclausa**
Class instruction in piano. Practice facilities in Music Building. Course fee \$20.00.
Daily 9:10-10:00
- S 131(11) INDIVIDUAL INSTRUCTION (1)** **Vine**
Voice. For nonmusic majors, or music majors who intend it as a secondary medium
of performance. May be repeated. Course fee \$55.00.
Hrs. arr.
- S 131(12) INDIVIDUAL INSTRUCTION (1)** **Gillott**
Hawaiian chant. Unaccompanied and accompanied chants with instruction on the
pahu (drum), *ipu* (gourd), *pu'ili* (bamboo rattle), *'uli'uli* (gourd rattle), and
ili'ili (stone castanets). Course fee \$55.00.
Hrs. arr.
- S 131(21) INDIVIDUAL INSTRUCTION (1)** **Kerr, Saclausa**
Piano. For nonmusic majors, or music majors who intend it as a secondary medium
of performance. May be repeated. Course fee \$55.00.
Hrs. arr.
- S 131(22) INDIVIDUAL INSTRUCTION (1)** **Staff**
Organ. For nonmusic majors, or music majors who intend it as a secondary medium
of performance. May be repeated. Course fee \$55.00.
Hrs. arr.
- S 131(23) INDIVIDUAL INSTRUCTION (1)** **Mikami**
Koto. For nonmusic majors, or music majors who intend it as a secondary medium
of performance. May be repeated. Course fee \$55.00.
Hrs. arr.
- S 131(31) INDIVIDUAL INSTRUCTION (1)** **Landsman**
Strings. For nonmusic majors, or music majors who intend it as a secondary medium
of performance. May be repeated. Course fee \$55.00.
Hrs. arr.
- S 131(41) INDIVIDUAL INSTRUCTION (1)** **Uchima**
Woodwind. For nonmusic majors, or music majors who intend it as a secondary
medium of performance. May be repeated. Course fee \$55.00.
Hrs. arr.

- S 131(51) INDIVIDUAL INSTRUCTION (1)** **Lum**
 Brass. For nonmusic majors, or music majors who intend it as a secondary medium of performance. May be repeated. Course fee \$55.00.
 Hrs. arr.
- S 135, 136, 138, 235, 236, 237, 238, 435, 635** **Staff**
 Advanced individual instruction in (11) voice
 (12) Hawaiian chant
 (21) piano
 (22) organ
 (23) koto
 (31) string
 (41) woodwind
 (51) brass
 (61) percussion
 (71) Japanese Dance
 (72) Korean Dance
 (73) Filipino Dance
- Course number assigned after auditions with Music Department staff members.
 Course fee \$55.00.
 Hrs. arr.

Philosophy

- S 100 INTRODUCTION TO PHILOSOPHY (3)** **McCarthy**
 Problems, methods, and fields of philosophy.
 Daily 7:20-8:35
- S 110 INTRODUCTION TO ETHICS (2)** **Moore**
 Major philosophies and typical theories of the nature of the good life.
 Daily 11:35-12:25
- S 150 HISTORY OF PHILOSOPHY (3)** **Moore**
 Western philosophy from the era of great Greek thinkers to the Renaissance. Prerequisite: sophomore standing.
 Daily 8:45-10:00
- S 464 ZEN BUDDHIST PHILOSOPHY (2)** **Inada**
 The origin and development of Indian, Chinese, and Japanese Zen; the controversy between Hu Shih and Suzuki, Zen in classics and in poetry; the Koan and the Mondo; influences on Oriental and cultural traditions such as swordsmanship, architecture, painting, floral arrangement, and the tea ceremony. Particular attention will be given to the impact of Zen on the contemporary scene.
 Daily 7:45-8:35
- S 470 INTRODUCTION TO CHINESE PHILOSOPHY (2)** **Inada**
 Historical survey of the important philosophical schools and tendencies in China, ancient and modern.
 Daily 10:10-11:00
- S 510 PHILOSOPHY IN LITERATURE (2)** **McCarthy**
 Literary expression of philosophical ideas. Consideration of such writers as Beckett, Camus, Hemingway, Kafka, Rilke, Sartre, T. S. Eliot.
 Daily 10:10-11:00
- S 520 EXISTENTIAL PHILOSOPHY (3)** **Nagley**
 Survey of the main themes of European existential philosophy. Particular attention to Kierkegaard and Heidegger.
 Daily 8:45-10:00

Photography

S 100 PRINCIPLES OF PHOTOGRAPHY (2)

Haar

A course designed primarily for those with very little photography experience. The history and science of photography. The camera, its construction and use; image formations; 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.

MWF 1:00-2:15

S 200 EXPERIMENTAL PHOTOGRAPHY (2)

Haar

Photography for advanced students. The camera as a tool of expression, photo-aestheticism, perception, selection, composition; objective and subjective factors in forming the image; experimental photography with lines, forms, tones, volumes, textures, and colors; experiments with light, without camera, phtogram. Specializations: photo-journalism; illustration; advertising, industrial, scientific, touristic photography; portraiture. Darkroom laboratory. Course fee \$1.00.

TTh 1:00-3:00

Political Science

(Government)

S 110 INTRODUCTION TO GOVERNMENT (3)

Staff

Role of government in modern society. Types and practices of government; processes of political change; citizen participation. Not open to juniors or seniors. Daily 8:45-10:00

S 300 ELEMENTS OF POLITICAL THEORY (3)

Kosaki

Analysis of some of the major concepts of political theory; their statement by the major political philosophers.

Daily 10:10-11:25

S 423 CONSTITUTIONAL LAW (2)

Riesenfeld

Examination of principal cases concerned with state relations, due process of law, interstate commerce, and related subjects.

Daily 9:10-10:00

S 446 GOVERNMENT AND POLITICS OF THE USSR (3)

Turner

Historical, social, political, and ideological factors in the development of political institutions in the Soviet Union.

Daily 11:35-12:50

S 447 POLITICS AND DIPLOMACY OF MODERN JAPAN (2)

Yanaga

A consideration of the forces governing Japan's prewar international course, followed by detailed discussion of the bases of postwar foreign policy. Particular emphasis will be placed on Japan's emerging relationships with the other nations of Asia and the ex-colonial world.

Daily 7:45-8:35

S 448 GOVERNMENT AND POLITICS OF GREAT BRITAIN (2)

Turner

A study of political institutions in their social setting, including the working of parliament, the premiership, the bureaucracy, political parties and pressure groups; problems of power and responsibility in political decision-making; the scope and role of government in a "welfare state."

Daily 9:10-10:00

S 500 PUBLIC ADMINISTRATION (3)

Friedman

Relationship of administration to policy-forming agencies and to the courts; structure of administration; devices for integration; related materials.
Daily 11:35-12:50

S 600 CONTEMPORARY POLITICAL SCIENCE (3)

Cahill

Analysis of the field, scope, and methods of political science, and its professional and academic status.
Daily 10:10-11:25

S 670 INTERNATIONAL LAW (3)

Riesenfeld

Historical and theoretical investigation of the development of an international legal order.
Daily 11:35-12:50

Psychology

Psychology 102 or the equivalent is prerequisite to all other psychology courses listed below.

S 102 GENERAL PSYCHOLOGY (4)

Herrick

Principles of human behavior. Individual differences, personality, motivation, emotion, sensing, perceiving, learning, and thinking. Not open to those who have had Psychology 104. Lab fee \$1.00.
Daily 7:20-8:35 Laboratory MW 10:10-12:00, or 1:30-3:20

S 220 STATISTICAL TECHNIQUES (3)

Digman

Types of data; graphic methods; central tendency; variability; correlation; reliability; tests of significance. Prerequisite: two years of high school algebra or Math 101.
Daily 8:45-10:00

S 250 DEVELOPMENTAL PSYCHOLOGY (3)

Bijou

Physical, emotional, intellectual, and social development from infancy through adulthood.
Daily 8:45-10:00

S 280 PSYCHOLOGY OF ADJUSTMENT (3)

Arkoff

Understanding and improving personal adjustment. Adjustment in family, school, vocation, sex, marriage, and later maturity. Not open to psychology majors.
Daily 7:20-8:35

S 306 PSYCHOLOGY OF LEARNING (3)

Mowrer

The major conditions influencing learning and forgetting; the role of motivation, rewards, practice; theoretical interpretations of the learning process.
Daily 10:10-11:25

S 356 PSYCHOLOGY OF EXCEPTIONAL CHILDREN (2)

R. C. Johnson

Evaluation of physical, emotional, and intellectual deviations and their effects upon the growth and development of children. Prerequisite: Psych 150 or 250.
Daily 9:10-10:00

S 362 SOCIAL PSYCHOLOGY (3)

Scott

Psychology of human relations; psychological factors that determine the behavior of an individual in his social relationships.
Daily 8:45-10:00

S 372 EDUCATIONAL PSYCHOLOGY (3)

Silberman

(same as Ed EP S 372) (2 sections)
Major factors of learning and mental health as they apply to the educative process. Prerequisite: Psych 250 (or 150 or 152).
Daily 7:20-8:35
10:10-11:25

- S 410 HISTORY OF PSYCHOLOGY (2)** **Herrick**
 The background of modern psychology. Origins and development of contemporary points of view. Relationship to Western thought.
 Daily 10:10-11:00
- S 440 PHYSIOLOGICAL PSYCHOLOGY (3)** **Diamond**
 Physiological explanation of behavior in terms of sense organs, the nervous system, muscles, and glands.
 Daily 8:45-10:00
- S 450 SOCIAL DEVELOPMENT OF CHILDREN (3)** **Crowell**
 Survey of the socialization process and acquisition of social behavior. Prerequisite: Psych 150 or 250.
 Daily 7:20-8:35
- S 600(6) SEMINAR: PERSONALITY (2)** **Mowrer**
 Methods and problems of research in personality development and organization.
 Daily 9:10-10:00
- S 600(7) SEMINAR: SOCIAL PSYCHOLOGY (2)** **Scott**
 Methods and problems of research in social psychology.
 Daily 12:00-12:50
- S 600(8) SEMINAR: DEVELOPMENTAL (2)** **Bijou**
 Problems in developmental psychology.
 Daily 7:45-8:35
- S 600(11) SEMINAR: COUNSELING (2)**
 New developments in rehabilitation counseling.
 Daily 11:35-12:25
- S 614 THEORY (2)** **Diamond**
 Examination of current theoretical systems. Special attention to meaning and uses of theory, theory construction, and basic concepts.
 Daily 11:35-12:25
- S 672 ADVANCED EDUCATIONAL PSYCHOLOGY (3)** **R. C. Johnson**
 (same as Ed EP S 672)
 Application of experimental evidence in psychology to major educational problems; the bearing of recent psychological theories upon education.
 Daily 10:10-11:25
- S 799 PSYCHOLOGY OF REHABILITATION (3)**
 Principles of vocational rehabilitation; evaluation and placement of the handicapped. Psychological aspects of disability.
 Daily 10:10-11:25

Religion

- S 151 RELIGION AND THE MEANING OF EXISTENCE (3)** **Aeki**
 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 10:10-11:25

S 201 UNDERSTANDING THE NEW TESTAMENT (2)

Seifert

The origin and development of the early Christian message as set forth in the New Testament, with special attention to Jesus and Paul.

Daily 9:10-10:00

S 250 THE LIVING RELIGIONS OF HAWAII (2)

Aoki

A 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 7:45-8:35

S 351 EXISTENTIALISM AND BIBLICAL FAITH (2)

Seifert

An introduction into problems and methods of interpreting the message of the Bible on the basis of modern critical theology and existential analysis.

Daily 11:35-12:25

Russian

S 101 ELEMENTARY RUSSIAN (3)

Wiswell

An intensive course in reading, writing, and conversation, with additional oral practice in the laboratory. The equivalent of a full semester's work in the academic year. One period of lab drill daily is required. Lab fee \$3.00.

First 5-week term: June 24-July 26.

Daily 10:10-12:00 Laboratory, daily 9:10-9:55, or 12:10-12:55

S 102 ELEMENTARY RUSSIAN (3)

Brott

Continuation of S 101; the equivalent of the second semester's work in the academic year. Students completing this course with a passing grade may take Intermediate Russian. One period of lab drill daily is required. Lab fee \$3.00.

Second 5-week term: July 29-August 30.

Daily 10:10-12:00 Laboratory, daily 9:10-9:55, or 12:10-12:55

Sanskrit

S 401 SANSKRIT LITERATURE (2)

Chhabara

Characteristics of the Sanskrit language. Sanskrit and Prakrit. Vedic and post-Vedic literature. Vedic schools. Brahmanas. Aranyakas. Upanishads. Puranas. Pharamasastras. Epics: The Ramayana and the Mahabharata. Works on six schools of philosophy: Samkhya, Yoga, Nyaya, Vaisesika, Mimamsa, and Vedanta. Works on grammar and prosody. Lexicons. Works on poetics and literary criticism. Poetry and drama. Fable and fiction. Puns and conundrums, with appropriate excerpts from well-known classical works by way of illustration.

Daily 10:10-11:00

Science

S 201 PRACTICAL ASTRONOMY (2)

Pietruszkiewicz

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 observations, 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 10:10-11:00

Sociology

Sociology 151 and 201 are equivalent introductory courses. 201 is specifically set up for juniors, seniors, or graduate students. Either course is a prerequisite to all advanced sociology courses.

- S 151 INTRODUCTION TO THE STUDY OF SOCIETY (3)** **Pearson**
Basic social relationship, norms, social structures, processes affecting social change. Not open to juniors or seniors.
Daily 11:35-12:50
- S 155 THE SOCIOLOGY OF SOCIAL PROBLEMS (2)** **Wen**
Nature of social problems, their relations to basic technological, institutional, and value structures.
Daily 10:10-11:00
- S 201 PRINCIPLES OF SOCIOLOGY (3)** **James**
Principles underlying the organization of social groups, communities, institutions, and ecological structures; basic processes of socialization, collective behavior, and social change. Equivalent to 151, and open to juniors, seniors, and graduates only.
Daily 11:35-12:50
- S 232 COMMUNITY FORCES IN HAWAII (3)** **Glick**
Basic factors and forces in contemporary society as exemplified in Hawaii. Course fee \$2.00.
Daily 8:45-10:00
- S 410 POPULATION AND SOCIETY (2)** **Saunders**
Society analyzed in terms of the quantitative and qualitative aspects of population. Sociological aspects of birth and death rates, natural increase, mobility.
Daily 11:35-12:25
- S 446 PEOPLE AND INSTITUTIONS OF JAPAN (3)** **Yamamoto**
Social structure and social change in contemporary Japan. Special attention to the family, stratification, and mobility.
Daily 10:10-11:25
- S 454 RACE RELATIONS IN SOUTHEAST ASIA (2)** **Glick**
Analysis of typical situations of race relations in Southeast and South Asia; interracial contacts, conflicts, and accommodations; sociological aspects of miscegenation; changes in patterns of race relations with shift from colonial era to independent but underdeveloped "nonwhite" nations; effects of race relations upon personality, institutions, and social structures.
Daily 11:35-12:25
- S 462 AMERICAN SOCIETY (3)** **Saunders**
Technology, normative structure, value system, stratification, and major institutions. Their interaction and change.
Daily 8:45-10:00
- S 472 THE FAMILY (2)** **James**
Culturally distinctive family types as background for analysis and interpretation of the American family.
Daily 9:10-10:00
- S 486 INDUSTRIAL SOCIOLOGY (3)** **Wen**
Status system in industry. Problems of group adjustment. Factors affecting industrial morale. Sociology of industrial conflict.
Daily 7:20-8:35

S 490 SOCIAL STRATIFICATION (2)**Pearson**

Analysis of social class; local and national stratification patterns; social mobility in industrial and nonindustrial societies.
Daily 9:10-10:00

S 620 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. Field trip fee \$10.00.
Daily 9:10-11:25 Field trips arranged.

Spanish

S 101 ELEMENTARY SPANISH (3)**N. Carr**

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. One period of lab drill daily is required. Lab fee \$3.00.
First 5-week term: June 24-July 26.
Daily 10:10-12:00 Laboratory, daily 9:10-9:55, or 12:10-12:55

S 102 ELEMENTARY SPANISH (3)

Continuation of S 101; the equivalent of the second semester's work in the academic year. Students completing this course with a passing grade may take Intermediate Spanish. One period of lab drill daily is required. Lab fee \$3.00.
Second 5-week term: July 29-August 30.
Daily 10:10-12:00 Laboratory, daily 9:10-9:55, or 12:10-12:55

S 151 INTERMEDIATE SPANISH (3)**Rubio**

Reading, conversation, laboratory drill, some grammar and composition; the equivalent of a full semester's work in the academic year. Prerequisite: Spanish 102 or the equivalent. One period of lab drill daily is required. Lab fee \$3.00.
First 5-week term: June 24-July 26.
Daily 9:10-11:00 Laboratory, daily 8:10-8:55, or 11:10-11:55

S 152 INTERMEDIATE SPANISH (3)**Rubio**

A continuation of S 151; the equivalent of the second semester's work in the academic year. Students passing this course will have fulfilled the college language requirement. One period of lab drill daily is required. Lab fee \$3.00.
Second 5-week term: July 29-August 30.
Daily 9:10-11:00 Laboratory, daily 8:10-8:55, or 11:10-11:55

Speech

S 110 SOUNDS OF ENGLISH FOR PROSPECTIVE TEACHERS (1)**Pierson**

(2 sections)

Sounds and rhythms of General American speech. Techniques for correction of pronunciation and improvement of rhythm. Course fee \$1.00.
Daily 9:10-10:00
11:35-12:25

S 140 FUNDAMENTALS OF ORAL COMMUNICATION (2)**Jones, Hayne, Lefforge, Krause**

(5 sections)

Communication for social interaction. Speech production; organization of ideas; training for mastery of speech standards. Conferences required. Course fee \$1.00.
Daily 7:45-8:35 (Jones)
9:10-10:00 (Jones)

10:10-11:00 (Hayne)
11:35-12:25 (Lefforge)
11:35-12:25 (Krause)

- S 150 PUBLIC SPEAKING (3)** **Lefforge, Hayne**
(2 sections)
Basic principles of speech composition and delivery; preparation and delivery of speeches with attention to principles studied; special attention to individual problems.
Daily 8:45-10:00 (Lefforge)
11:35-12:50 (Hayne)
- S 220 FUNDAMENTALS OF SPEECH CORRECTION (3)** **Ritter**
Survey; observation of diagnosis and therapy.
Daily 7:20-8:35
- S 365 SPEECH FOR THE CLASSROOM TEACHER (3)** **Larson, Fest, Krause,
Burgess, Klopf**
(6 sections)
Pedagogy for the classroom teacher. Integration of speech improvement in the curriculum; speech problems of Hawaii.
Daily 7:20-8:35 (Larson) Elementary
8:45-10:00 (Larson) Elementary
8:45-10:00 (Fest) Secondary
10:10-11:25 (Krause) Secondary
11:35-12:50 (Burgess) Elementary
11:35-12:50 (Klopf) Secondary
- S 370 RADIO-TELEVISION SPEECH (3)** **Highlander**
The study of speech forms and principles as adapted for the broadcasting media. Preparation of radio and television program material; performance with emphasis on microphone and camera presentation. Prerequisite: consent of instructor.
Daily 10:10-11:25
- S 440 SEMANTICS (2)** **Embler**
Language in understanding; verbal meaning and implication; the role of assumption in interrelationships. Use of language for clarity, accuracy, and evaluation.
Daily 11:35-12:25
- S 470 BROADCASTING AND THE PUBLIC (2)** **Highlander**
A study of the relationship and interaction between the broadcasting agent, government regulatory agencies, and the public. The development of bases for critical evaluation of the educational, cultural, and economic significance and impact of broadcasting. Prerequisite: consent of instructor.
Daily 11:35-12:25
- S 480 GROUP LEADERSHIP AND DISCUSSION (2)** **Klopf**
Principles and techniques of effective group leadership; semantic and psychological barriers to communication. Analysis and discussion of social problems.
Daily 10:10-11:00
- S 598 SPECIAL PROBLEMS (arr.)** **Staff**
(1) General speech education; (2) speech correction; (3) phonetics and voice science; (4) interpretation; (5) forensics, public address; (6) radio; (7) pedagogy; (8) audiology. Prerequisite: consent of instructor or recommendation of department chairman.
Hrs. arr.
- S 622 ADVANCED AUDIOLOGY (3)** **Ansberry**
Instrumentation; selection of hearing aids; special tests of hearing; functional versus organic hearing loss; vocational problems of hearing impaired.
Daily 8:45-10:00

S 623 ADVANCED PRACTICUM IN SPEECH PATHOLOGY (3)

Ritter

Clinical practice in diagnostic and therapeutic procedures; emphasis placed upon complex problems such as detailed special language problems, aphasia, and stuttering.
Daily 11:35-12:50

S 624 ADVANCED PRACTICUM IN AUDIOLOGY (3)

Ansberry

Clinical practice in administering special tests; interpretation of audiograms; counseling of individuals with impaired hearing; use of varied rehabilitation techniques.
Daily 11:35-12:50

S 699 RESEARCH (arr.) I, II

Staff

The same fields as in 598. Four credits may be earned. Prerequisite: undergraduate major in speech; consent of adviser or recommendation of department.
Hrs. arr.

Tagalog

S 151 INTERMEDIATE TAGALOG (3)

Staff

Continuation of S 102. Reading and conversation with laboratory drill. One period of laboratory drill daily is required. Lab fee \$3.00.

First 5-week term: June 24-July 26.

Daily 8:10-10:00 Laboratory, daily 7:10-7:55, or 10:10-10:55

S 152 INTERMEDIATE TAGALOG (3)

Staff

Continuation of S 151. One period of laboratory drill daily is required. Lab fee \$3.00. Second 5-week term: July 29-August 30.

Daily 8:10-10:00 Laboratory, daily 7:10-7:55, or 10:10-10:55

Thai

S 151 INTERMEDIATE THAI (3)

Staff

Reading and conversation with laboratory drill; equivalent to the first semester's work in the academic year. One period of laboratory drill daily is required. Lab fee \$3.00. First 5-week term: June 24-July 26.

Daily 9:10-11:00 Laboratory, daily 8:10-8:55, or 11:10-11:55

S 152 INTERMEDIATE THAI (3)

Staff

Continuation of S 151; equivalent to the second semester's work in the academic year. One period of laboratory drill daily is required. Lab fee \$3.00. Second 5-week term: July 29-August 30.

Daily 9:10-11:00 Laboratory, daily 8:10-8:55, or 11:10-11:55

Zoology

S 201 SCIENCE OF THE SEA (3)

Reese

Origin, water movements, productivity, and life of the sea, oceanographic exploration and techniques, fisheries and marine ecology. Trips to reefs and laboratories. Prerequisite: course in introductory zoology. Field trip fee \$2.00.

Daily 8:45-10:00

S 620 MARINE ECOLOGY (3)

Staff

Natural history, behavior, and relations of invertebrates and fishes to environment, with emphasis on coral reef fauna. Prerequisite: a course in invertebrate zoology.

Lectures daily 8:45-10:00 Laboratory or field trips MW 10:10-12:00

Postsession

August 2-23

- Ed Ad PS 680 PUBLIC SCHOOL ORGANIZATION (2)** **R. W. Johnson**
The function of the teacher in school administration; state and local organizations of public education; Hawaii school law and Department of Education regulations. Four weeks: August 5-August 30.
Daily 8:20-10:00
- Ed EE PS 326 CREATIVE ART, ELEMENTARY (2)** **Schuman**
Understanding the creative use of art materials, tools, ideas, and their sources. Prerequisite: Ed EE 220; Art 103. Course fee \$7.50.
Daily 8:10-12:25
- HPE PS 211 METHODS AND MATERIALS OF AQUATICS AND LIFE SAVING (2)** **Saake**
A review of methods for teaching aquatic sports and a review of the skills of (A.R.C.) life saving. Considerable practical work in individual swimming and life saving techniques. Red Cross Certificate may be earned. Prerequisite: ability to swim 100 yards or consent of instructor.
Daily 10:30-12:20
- HPE PS 221 PHYSICAL EDUCATION, ELEMENTARY (2)** **Beamer**
(2 sections)
Content and method for programs on the elementary school level. Adaptations to meet situations with like groups outside school will also be discussed.
Daily 8:00-10:20
10:30-12:50
- HPE PS 230 SCHOOL HEALTH PROBLEMS (2)** **O'Brien, Ryan**
(2 sections)
Health needs of the school child and principles, methods, and materials applicable to the school health program.
Daily 8:30-10:20 (Elementary) O'Brien
10:30-12:20 (Secondary) Ryan
- HPE PS 234 SAFETY PROCEDURES AND FIRST AID (2)** **Saake**
Prevention and emergency treatment of injuries, emphasis upon school, playground, and athletic situations. Practical work in first aid. Red Cross Certificate may be earned.
Daily 8:00-9:50
- PSYCH PS 104 INTRODUCTION TO PSYCHOLOGY (3)** **Weaver**
Similar to Psych 102 but without laboratory. Not open to those who have had 102, or to Arts and Sciences students.
Daily 8:00-9:50

Ref. Harry

UNIVERSITY OF HAWAII
1963 SUMMER SESSION DIRECTORY

<u>NAME</u>	<u>ROOM</u>	<u>TELEPHONE</u>
Adams, Carl W.	PSB 302	466
Aidlin, Jerome	AA-2	471
Akita, George	Cr 204	dial "0"
Alexander, Aaron	HA 14	dial "0"
Allen, Gay Wilson	HA 3	dial "0"
Alm, Richard S.	WA	dial "0"
Anderson, C. Webster	Geo 211	dial "0"
Anderson, Ronald S.	S 456	543
Ansberry, Merle	Geo 113	279
Anthony, Alberta	Web 212	521
Aoki, Mitsuo	Geo 115	299
Arai, Sueko	Orvis Aud.	456
Arkoff, Abe	Geo 345	344
Artola, George T.	S 465	589
Artola, Virginia	Web 315	521
Aspinwall, Dorothy B.	Web 320	520
Bartow, Mary L.	M 104	331
Beamer, Martha F.	Klum 7	240
Berger, Leslie R.	HRI 216	553
Bernstein, Irving	H 117-A	565
Bertrand, Raoul	Web 315	521
Beyers, Otto J.	W 205	428, 203, 504
Bijou, Sidney W.	Geo 338	414
Black, Glenn L.	H 1	498
Block, Haskell M.	HA-7	dial "0"
Borges, Fred W.	KA-1	405
Brantley, Reed	B 219	282
Brewbaker, James	HKE 119	351
Brixy, Stephen S.	PSB-403	468
Bronfenbrenner, Martin	S 459	590
Brott, Lillian K.	Web 318	521
Brown, Ronald	Geo 222	dial "0"
Brubacher, John Seiler	W 204	477
Bruhn, William J., Jr.	Klum 1	214
Buchele, Robert B.	H 209	418, 576
Burgess, Sarah Ann	Geo 330	317
Burkett, Nadia	Web 324	520
Bushnell, Kenneth W.	Geo 208	dial "0"
Cahill, Robert S.	Cr 209-A	dial "0"
Cammack, Floyd M.	SL 102	564
Carlson, Clayton H.	Gar 103	302, 479
Carr, Elizabeth	Geo 322	202
Carr, Norma	Web 318	521
Chai, Hi Chang	K 307	449
Chang, Chia-Ling	CM 124	991756
Chang, Lynette	UES 114-A	244
Chhabra, Bahadur Chand	Geo 118	250
Ching, Mary Lum	M 102	331
Clopton, Robert W.	W 203	417
Cochran, Jerry	Educ Dept	507711

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Collier, Roy W.	Gar 103	302, 479
Collins, Dwane R.	W 216	575
Congdon, Charles F.	H 213 A	348
Cowing, Cedric B.	Cr 307	dial "0"
Cox, J. Halley	Geo 131	251
Crockett, Ruth M.	UHS Library	dial "0"
Crooker, Elizabeth	CM 102	991756
Crossley, John B.	W 202	443
Crowell, David H.	HRI 308	555
Daeufer, Carl J.	UHS 3-212	dial "0"
Davis, Orrel	W 215	430, 431
Day, A. Grove	HA 21	dial "0"
Dembo, Tamara	Geo 309	362
de Queljoe, David H.	S 463	589
DeYoung, Chris	W 202	443
Diamond, A. Leonard	HRI 408	638
Dickinson, Donald I.	Gar 103	302, 479
Digman, John M.	Geo 343	362
Doi, Edith	W 212	249
Downs, James B. T.	K 205	448
Earley, James	S 460	dial "0"
Elliott, Gordon J.	Gar 103	302, 479
Embler, Weller B.	HA 16	dial "0"
Erickson, Yvonne	CM 114	991756
Ernest, Welden A.	Cr 304	dial "0"
Evans, Diana	UHS 3-212	dial "0"
Evans, John R.	K 305	528
Everson, Marion T.	Geo 136	251
Fest, Thorrel B.	Geo 339	317
Fleck, Martin William	Edm 451	621
Forster, William	Gar 482	482
Fouracre, Maurice H.	W 212	249
Frankenstein, Alfred V.	Geo 135	dial "0"
Friedland, Ronald	HA 14	dial "0"
Frings, Hubert	Edm 354	620
Fujikawa, Asako	Web 313	521
Fujimura, Thomas H.	HA 6	dial "0"
Fujioka, Norito	Web 301-A	518, 519
Fujita, George	B 113	267
Furukawa, Fred	SP	343
Garcia, Raymond	K 409	452
Gillespie, Margaret C.	W 109	dial "0"
Gillett, Dorothy K.	MB 11	456
Glick, Clarence E.	Cr 324	dial "0"
Glick, Doris	Cr A-2 5	421
Gompertz, Kenneth	Cr A-2 8E	421
Grayson, Henry W.	H 105	366
Griffing, Augustus	HA 10	dial "0"
Groves, Murray C.	Cr 201-D	dial "0"
Guerrant, Edward	Cr 306	dial "0"
Gustuson, Donald I.	Klum 502	240
Haar, Francis	Geo 207	dial "0"
Hayes, Eloise D.	W 109	dial "0"
Hayne, Paula J.	Geo 329	317

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Haynes, Richard P.	Geo 123	dial "O"
Heiser, Merrill F.	HA 1	dial "O"
Helfrich, Philip	HML	240434
Herrick, Colin J.	Geo 209	dial "O"
Highlander, John P.	H 215	275
Hirai, Bernice K.	S 462	589
Hirokawa, Sueko	HRI 101 A	
Hollingshead, Virginia	HA 8	dial "O"
Horan, Claude, F.	AA-1	259
Houston, W. Robert	W 108	dial "O"
Hsiao, Sidney	Edm 255	619
Huhm, Halla	Orvis Aud	456
Hummel, Paul L.	K 117	444
Hunter, Charles H.	Cr 312	dial "O"
In, Andrew W. S.	W 215	430, 431
Inada, Kenneth K.	Geo 120	dial "O"
Ingleson, Lewis	Geo 225	dial "O"
Inn, Agnes M. S.	W 102	347
Ito, Isao	H 109	573
Jackson, Ernest A.	Web 301 A	518
James, Robert L.	Cr 319	dial "O"
Jarolimek, John	W 102	310
Jenkins, Esther	W 102	347
Johnson, Donald D.	Cr 305	dial "O"
Johnson, Ray W.	W 202	443
Johnson, Ronald C.	Geo 308	224
Jones, John A.	Geo 340	317
Kaina, Lorraine M.	UHSA	255
Kamil, Mustafa	Cr 205	dial "O"
Kiefer, Edgar F.	Bil 341	385
Kim, Kichung	Cr A-2 3	421
Kimura, Sueko M.	Geo 133	dial "O"
King, Martha L.	W 102	347
Kingrey, Kenneth G.	Geo 134	dial "O"
Kirkpatrick, Arthur L.	H 111	367
Kirtley, Bacil F.	HA 17	319
Klopf, Donald W.	Geo 325	317
Koide, Fumiko	S 462	589
Kornhauser, David H.	PSB 320	464
Kosaki, Richard H.	Cr 209-B	357
Krause, Loretta	Geo 337	317
Kwoh, Daisy H.	S 465	589
Kwok, D. Wynn-Ye	Cr 303	dial "O"
Landstreet, J. Collins	K 311	449
Langhans, Edward	F 103	dial "O"
Lantagne, Joseph E.	Klum 6	240
Lantz, Priscilla	W 113	310
Larson, Valentine K.	Geo 315	317
Laughlin, Hugh	W 125	430, 431
Lebra, William P.	Cr 208-D	484
Lee, Dong Jae	Geo 318	317
Lee, Peter H.	Web 420	520
Lee, Samuel S. O.	H 104	366
Lefforge, Orland S.	Geo 319	317

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Levy, Alfred	Cr A-2 10	421
Lindsey, Henry K.	Edm 451	621
Li, T'ien-Yi	Cr 203	dial "O"
Liu, James J. Y.	S 463	589
Lo, Paul G.	Web 213	521
Lowers, James K.	HA 18	dial "O"
Lubitz, Donald A.	SL 2	298
Lum, Richard S.	MB 42	457
Maltby, Joseph	Cr A-2 8	421
Marder, Arthur	Cr 308	dial "O"
Maurer, Walter	S 464	589
McCarthy, Harold E.	Geo 137	dial "O"
McCutcheon, James M.	Cr 204	dial "O"
McIntosh, Thelma A.	WA	dial "O"
Michalski, John	Web 317	521
Mickelson, Peter P.	W 204	477
Mikami, Kay	MB 12	456
Miller, Virginia	HA 12	dial "O"
Mirikitani, Leatrice	Web 313	520
Miura, Carole	KA 1 (3)	407
Mizuno, Amy	CM 132	991756
Moore, Charles A.	SL 504 A	323
Mowrer, O. Hobart	Geo 344	224
Mueller, Bertha	Web 323	520
Muir, Barry S.	Edm 163	618
Murphy, Thomas D.	Cr 311	dial "O"
Myers, Ramon H.	H 202-C	348
Nagley, Winfield E.	Geo 121	410
Nagy, Albert M.	KA 1 (1)	405
Najita, Joyce	H 116	332
Nakagawa, Noriyuki	PSB 222	525
Nasse, John T., Jr.	Edm 451	617
Naughton, John J.	Bil 325	381
Nelson, Torlef	W 215	430, 431
Neogy, Prithwish	Geo 139	dial "O"
Newton, Olive	HA 13	dial "O"
Noda, Daniel	UHS 3-124	243, 392
Norris, Ben	Geo 140	dial "O"
Nose, Katashi	PSB 105	460
Okulitch, Vladimir J.	Geo 314	317
Orans, Martin	Cr 201-G	dial "O"
Oster, Clinton V.	S 458	427
Owens, Garland C.	H 207	418
Ozawa, Theodore Yuko	B 227	383
Palumbo, Dennis J.	Cr 209-D	dial "O"
Pang, Morris	UHS 225	dial "O"
Parker, Betty	UES 106-A	244
Pavlantos, Ruth	Web 316	521
Pearson, Judson B.	Cr 316	413
Pfeiffer, William R.	MB 17	456
Pickens, Alexander L.	W 101	310
Pierson, Laura L.	Geo 334	317
Pietruszkiewicz, Anthony J.	Gar 13	481

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Piianaia, Abraham	PSB 321	464
Pirie, Peter	KA2 5	408
Postlethwait, Samuel N.	HRI 117	552
Potter, Robert E.	W 203	417
Poyzer, Marvin F.	IE Center	537
Pratt, Merrell	H 109 L	573
Ramler, Siegfried	Web 315	521
Reck, Lawrence	W 216	575
Reed, Robert	W 216	575
Reese, Ernst S.	Edm 253	617
Rian, Norman D.	MB 2, 10	455
Rick, Delores F.	Gar 103	302, 479
Riesenfeld, Stefan A.	Cr 209-G	dial "O"
Ritter, Gene	Geo 114	355
Roberts, Norman F.	Gar 103	302, 479
Rollins, Tung Chow	S 464	589
Roosman, R. Slamet	S 464	589
Rubio, Casimiro	Web 322	520
Ryan, Ione J.	Klum 7	240
Saake, Alvin	Klum 5	240
Saclausa, John P.	MB 15	456
Sanderson, Richard A.	SL 2	298, 539
Sandoval, Barbara	CM 132	991756
Sasaki, Kyohei	H 205	418
Saunders, Harold	Geo 117	dial "O"
Sax, Gilbert	W 210	477
Schuman, Robert C.	UES 110-D	506
Schutz, Albert J.	Geo 336	317
Scott, William A.	Geo 307	344
Seglem, Glenn A.	Gar 103	302, 479
Seifert, Friedrich	Geo 115	299
Seo, Kap-Kyung	H 110-A	367
Silberman, Harry F.	W 211	511
Siu, James K. M.	K 405	452
Smith, Philip G.	W 203	417
Snow, Isabel	CM 118	991756
Solomon, John	Cr A-2 4	421
Solomon, Margaret	HA 11	dial "O"
Soong, Charles B., Jr.	Gar 103	302, 479
Spencer, Margaret	S 461	589
Spiller, John H.	PSB 402	468
Stellmacher, Herbert B.	H 106	366
Stillians, Bruce	Cr A-2 1	421
Summersgill, Travis L.	HA 2	368
Takaezu, Toshiko	AA-1	259
Tamanaha, Jean	WA-3	dial "O"
Tanner, Maude	Klum 8	240
Tatham, Elaine L.	PSB 409	468
Tatsuguchi, Roland	Web 310	520
Taussig, Bessie	H 206	266
Taussig, Russell	H 1	498
Thawisomboon, Sanit	Geo 222	dial "O"
Theman, Viola	W 108	dial "O"
Theuma, Jean	Web 302 A	571

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Tiedeman, Stuart C.	W 211	511
Tieh, Thomas T.	Web 213	521
Topham, Helen A.	HA 23	dial "0"
Townes, Stanmore B.	K 411	452
Trapido, Joel	F 102	dial "0"
Turner, John E.	Cr 209-H	dial "0"
Ty, Miss Eufemia F.	W 212	249
Uchima, Floyd Y.	MB 16	456
Uehara, Betty K.	W 102	347
Uyehara, Yukuo	Web 310	520
Valentin, Pat	Orvis Aud	456
van Weel, Pieter	Edm 461	622
Vance, Lawrence L.	H 110 C	367
Vasconcellos, Henry B.	Klum 4	240, 214
Vasconcellos, Marion	Klum 1	240
Vaughan, John D.	Bil 110	566
Vaught, Raymond	MB 13	284
Vella, Walter F.	Cr 310	dial "0"
Washton, Nathan S.	W 211	511
Weaver, Herbert B.	Geo 344	224
Wellein, Lawrence	HA 17	dial "0"
Wellington, Taeko	S 462	589
West, Fred	HA 10	dial "0"
White, Frederick A.	W 216	575
White, Harold	KA 2	406
Wilson, David	PSB 401	468
Winter, Lothar G.	H 207	418, 576
Wiswell, Ella	Web 321	520
Won, George Y. M.	Cr 320	dial "0"
Wong, Ruth	K 406	452
Wrenn, Charles Gilbert	W 204	477
Yalom, Marilyn K.	Web 325	520
Yamamoto, George K.	Cr 325	dial "0"
Yamamura, Douglas S.	Cr 317	dial "0"
Yamashita, Pearl	CM 101	991756
Yanaga, Chitoshi	Cr 209-C	dial "0"
Yang, Sarah Lee	UHS 2-211	342, 347
Yasuda, Kenichiro K.	Web 311	520
Zeitlin, Harry	B 332	381