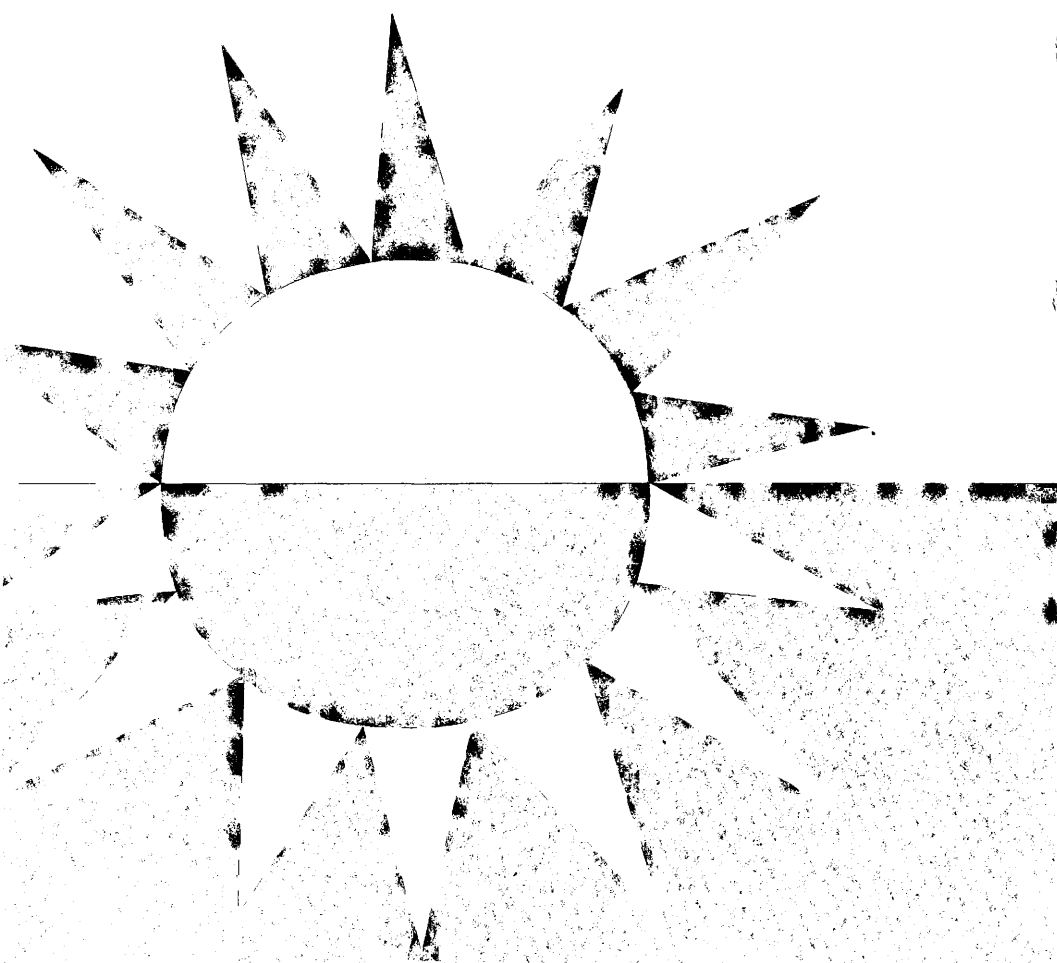


# 1964 SUMMER SESSION CATALOGUE



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**PRICE 25 CENTS**

# CALENDAR

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

## REGULAR SESSION (six weeks)

May 4-8 . . . . .	Pre-registration (Only for students registered at the University of Hawaii during the current spring semester)
June 29, Monday . . . . .	Regular registration
June 30, Tuesday . . . . .	Classes begin
July 3, Friday . . . . .	Holiday (Friday before a holiday falling on Saturday)
August 7, Friday . . . . .	Regular session ends

## POSTSESSION (three weeks)

August 7, Friday . . . . .	Registration
August 10, Monday . . . . .	Classes begin
August 28, Friday . . . . .	Postsession ends

**FIRST FIVE-WEEK TERM** (for Accounting S 100 and S 200; Chinese S 101, 103, 151, S 153, S 201, S 211 and S 417; French S 101, S 151, and S 211; German S 101, and S 153; Hawaiian S 101; Hindi S 101 and S 151; History S 151; Indonesian S 101 and S 151; Japanese S 101, S 103, S 151, S 153, S 201, S 211, and S 417; Korean S 101 and S 151; Russian S 101; Spanish S 101, S 151 and S 258; Thai S 151.)

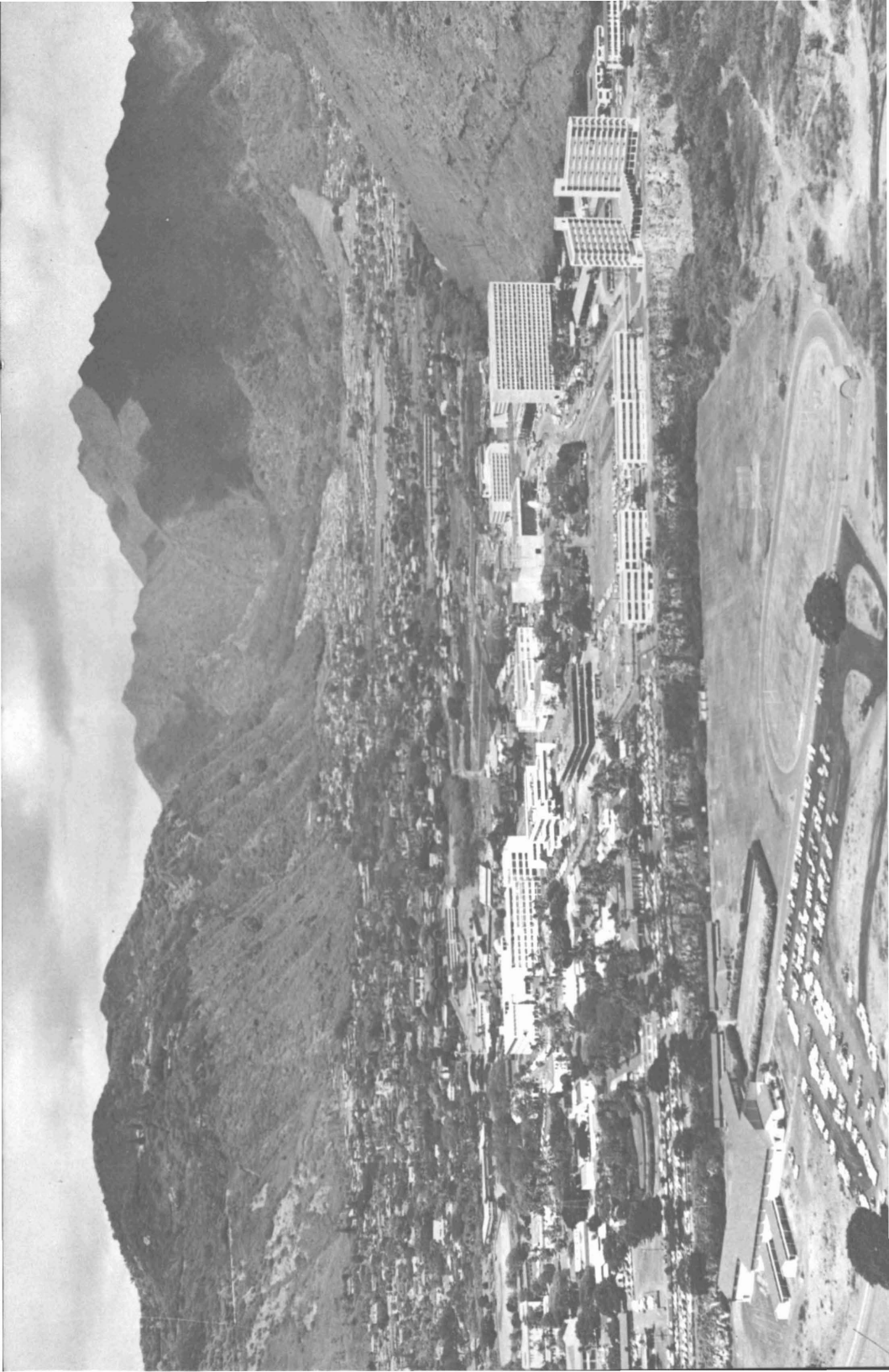
May 4-8 . . . . .	Pre-registration (Only for students registered at the University of Hawaii during the current spring semester)
June 29, Monday . . . . .	Regular registration
June 30, Tuesday . . . . .	Classes begin
July 3, Friday . . . . .	Holiday (Friday before a holiday falling on Saturday)
July 31, Friday . . . . .	First term ends

**SECOND FIVE-WEEK TERM** (for Accounting S 101 and S 201; Chinese S 102, S 104, S 152, S 154, S 202, S 212 and S 418; French S 102, S 152 and S 212; German S 102 and S 154; 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 202, S 212 and S 418; Korean S 102 and S 152; Russian S 102; Spanish S 102, S 152 and S 259; Thai S 152.)

August 3, Monday . . . . .	Registration
August 4, Tuesday . . . . .	Classes begin
September 4, Friday . . . . .	Second term ends

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 HERBERT B. WEAVER, Ph.D. (Pennsylvania), *Professor of Psychology*  
 TAEKO WELLINGTON, M.S.J. (Northwestern), *Instructor in Japanese*  
 LEE E. WINTERS, JR., Ph.D. (California at Berkeley), *Associate Professor of English*  
 LILY C. WINTERS, M.A. (Hawaii), *Associate Professor of Chinese*  
 TAMME WITTERMANS, Ph.D. (London), *Associate Professor of Sociology*  
 LOIS WITTICH, B.S. (Wisconsin), *Lecturer in Art*  
 WALTER A. WITTICH, Ph.D. (Wisconsin), *Professor of Education*  
 DAVID WORLEY, M.A. (Northwestern), *Instructor in English*  
 LOUISE M. WULFF, B.S. (Wisconsin), *Instructor in Medical Technology*  
 SARAH LEE YANG, M.Ed. (Hawaii), *Assistant Professor of Education*  
 KENICHIRO K. YASUDA, D.Litt. (Tokyo), *Assistant Professor of Japanese*  
 ALAN M. YONAN, M.A. (Michigan State), *Instructor in Speech*  
 HARRY ZEITLIN, Ph.D. (Hawaii), *Associate Professor of Chemistry*

## Visiting Summer Faculty

DOROTHY ADKINS WOOD, Ph.D., *Professor of Psychology, University of North Carolina*  
 JOHN H. BARCROFT, Ph.D., *Assistant Professor of History, University of Washington*  
 GORDON H. BARKER, Ph.D., *Professor of Sociology, University of Colorado*  
 KALIDAS BHATTACHARYYA, Ph.D., *Professor & Head, Department of Philosophy, Visva-Bharati University (India)*  
 JACK F. BAUMER, M.A., 338 Main St., Hobart, Indiana  
 ESTHER L. BROWN, Ph.D., *Social Anthropologist, Russell Sage Foundation*  
 LELON R. CAPPS, Ph.D., *Associate Professor and Director of Elementary Education, University of Kansas*

WING-TSIT CHAN, Ph.D., *Professor of Chinese Culture and Philosophy, Dartmouth College*

WILLIAM J. E. CRISSY, Ph.D., *Professor of Marketing, Michigan State University*

GEORGE DEMOS, Ph.D., *Dean and Associate Professor, Counseling and Testing Center, Long Beach State College*

S. DASGUPTA, Ph.D., *Professor of Philosophy, Lucknow University (India)*

ALLEN L. EDWARDS, Ph.D., *Professor of Psychology, University of Washington*

AFTON Y. ELIASON, Ph.D., *Professor of Physics, Fresno State College*

MARVIN FELHEIM, Ph.D., *Professor of English, University of Michigan*

JOHN H. FENTON, Ph.D., *Professor of Government, University of Massachusetts*

CHARLES F. GALLAGHER, B.A., *American Universities Field Staff, New York*

JOSEPH S. GOTS, Ph.D., *Professor, Graduate School of Medicine, University of Pennsylvania*

MYRTLE GUSTAFSON, M.A., *3386 Wyman Street, Oakland, California*

FRANK O. GREEN, Ph.D., *Professor of Chemistry, Wheaton College*

YU-WEI HSIEH, M.A., *Professor of Philosophy, New Asia College (Hong Kong)*

THEODORE R. HUSEK, Ph.D., *Assistant Professor of Educational Psychology, University of California, Los Angeles*

KIYOSHI IKEDA, Ph.D., *Assistant Professor of Sociology, Oberlin College*

LELAND V. JONES, *Consultant in Criminalistics, Los Angeles*

HAROLD H. KELLEY, Ph.D., *Professor of Psychology, University of California, Los Angeles*

DAVID R. KRATHWOHL, Ph.D., *Chairman and Professor, Department of Psychologica Foundations of Education, Michigan State University*

CORNELIUS KRUSÉ, Ph.D., *Emeritus Professor of Philosophy, Wesleyan University*

HAL G. LEWIS, Ph.D., *Professor of Education, University of Florida*

GORDON R. LEWTHWAITE, Ph.D., *Associate Professor of Geography, San Fernando Valley State College*

ALBERTA L. LOWE, Ph.D., *Professor of Education, University of Tennessee*

RAYMOND W. MACK, Ph.D., *Professor and Chairman of Sociology, Northwestern University*

TERENCE MARTIN, Ph.D., *Professor of English, Indiana University*

WILLIAM E. MARTIN, Ph.D., *Head, Dept. of Child Development and Family Life, Purdue University*

JAMES E. MILLER, JR., Ph.D., *Professor of English, University of Chicago*

LLOYD N. MORRISSETT, Ph.D., *Chief Consultant, Department of Education, State of California*

HAJIME NAKAMURA, Litt.D., *Professor of Indian and Buddhist Philosophy, Tokyo University (Japan)*

WILLIAM L. NEUMANN, Ph.D., *Professor of History, Goucher College*

POOLLA TIRUPATI RAJU, Ph.D., *Professor of Philosophy, Wooster College*

KENNETH E. READ, Ph.D., *Associate Professor of Anthropology, University of Washington*

CHANDOS REID, Ph.D., *Assistant Superintendent, Waterford Township Schools, Michigan*

THEODORE D. RICE, Ph.D., *Professor of Education, Wayne State University*

JOSEPH R. ROYCE, Ph.D., *Professor of Psychology and Head of Department, University of Alberta (Canada)*

DAVID H. RUSSELL, Ph.D., *Professor of Education, University of California*

JOHN A. RUSSELL, Ph.D., *Associate Dean of Natural Sciences and Mathematics, University of Southern California*

ROBERT L. SAKAI, Ph.D., *Professor of History, University of Nebraska*

JULIUS SEEMAN, Ph.D., *Professor of Educational Psychology, George Peabody College*  
 DAVID E. SHIRLEY, Ph.D., *Associate Professor of Public Administration, University of Southern California*  
 RAYMOND A. SNYDER, Ed.D., *Professor and Vice Chairman, Department of Physical Education, University of California, Los Angeles*  
 HAROLD E. TANNENBAUM, Ed.D., *Professor of Education and Director of Project Beacon, Graduate School of Education, Yeshiva University*  
 CORA E. THOMASSEN, M.S., *Assistant Professor of Library Science, University of Illinois*  
 GLADYS TIPTON, Ed.D., *Professor of Education, Teachers College, Columbia University*  
 ROBERT TOTTINGHAM, M.A., *Executive Secretary, Extension Division of School of Journalism, University of Wisconsin*  
 YI-FU TUAN, Ph.D., *Associate Professor of Geography, University of New Mexico*  
 YOSHIFUMI UEDA, Litt.D., *Professor & Chairman, Department of Indic & Buddhist Studies, Nagoya University (Japan)*  
 JOHN E. WALSH, Ph.D., *System Development Corporation, Santa Monica, California*  
 DONALD S. WATSON, Ph.D., *Professor of Economics, The George Washington University*  
 WILLIAM H. WERKMEISTER, Ph.D., *Director, School of Philosophy, University of Southern California*  
 BAIRD W. WHITLOCK, Ph.D., *Professor of English, San Francisco State College*

## 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 undergraduate 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. Graduate work in all departments is organized under the Graduate School.

In addition to the bachelor's degree, the University offers graduate work leading to the master's degree in some 56 fields and the Ph.D. degree in some 18 fields.

The University of Hawaii is accredited by the Western Association of Schools and Colleges. 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. The transcript or the certificate should include all work done through the first semester of the current academic year and, therefore, should be filed with the office of Admissions and Records no earlier than March 1, but no later than June 30. 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 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 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 during the pre-registration period, May 4-8, and on regular registration day, June 29, as indicated in the registration instructions that will be issued to students.

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. *Pre-registration.*** Pre-registration for students registered at the University of Hawaii during the current spring semester will be held during the week of May 4 through May 8. Students should report to the office of their respective deans where they will be issued registration materials for the regular six-week session and the first five-week term. After filling out the necessary cards, students should report to the offices of the appropriate department chairmen to obtain their course cards. When the registration materials are all assembled, they should be turned in at the patio windows of the Office of Admissions and Records, Bachman Hall, during the period May 11 through May 13. Students who pre-register should pick up their bills at the Office of Admissions and Records on June 26. They should then report to the Business Office on the same day and pay their bills. Students who pre-register should not register on regular registration day. There will be a penalty fee of \$5.00 for double registration.

***Regular Registration.*** Registration for the regular six-week session and the first five-week term for students not enrolled at the University of Hawaii during the current spring semester and for University of Hawaii students who did not pre-register will take place on Monday, June 29, 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 schedule: those whose last names begin with the letters F through J, at or after 7:45 a.m.; K through M, at or after 9:30 a.m.; N through S, at or after 11:00 a.m.; T through Z, at or after 1:00 p.m.; A through E, 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 30, the late registration fee of \$5.00 will be assessed. Students who pay their fees by check will be assessed a 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, August 3, without alphabetical time groupings.

Registration for the postsession will take place on Friday, August 7, 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 30 and July 1, students may register for credit only with the consent of the appropriate dean; and on July 2 only with the approval of both the dean and the instructor concerned. From July 6, 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 August 4 and August 5 only with the approval of the appropriate dean, and on August 6 and August 7 only with the approval of both the dean and the instructor concerned. From August 10, 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 10 and August 11 only with the approval of the appropriate dean and the instructor concerned. From August 12, 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 registering on or before July 2, 1964.

*Except for the pre-registration period, 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 30 and July 2, 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 August 4 to August 7, and for the postsession on August 10 and 11. 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, July 2, and a 20 per cent refund thereafter until 4:00 p.m. Tuesday, July 7. After July 7, 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 6, and a 20 per cent refund thereafter until 4:00 p.m. Tuesday, August 11, 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 12, and a 20 per cent refund thereafter until 4:00 p.m. Friday, August 14, 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 Ticker, 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 summer session 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 a 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 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 W-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**

**1963 ENROLLMENT.** The total enrollment in 1963 was 9,385. There were 352 students from other countries and 2,116 students from the Mainland. Forty-eight Mainland states and the District of Columbia were represented, with the five largest groups coming from California (803), Texas (119), Washington (118), Illinois (102), and New York (94).

**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 1964:

**Anthropology:** Oceania; Social Organization in Southeast Asia.

**Art:** Architecture East and West; Native Arts of the South Pacific (South Pacific Educational Cruise).

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

**Asian and Pacific Languages:** Chinese; Hawaiian; Hindi; Indonesian; Japanese; Korean; Thai.

**Economics:** Asian Economic Development.

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

**English:** Literature of the Pacific.

**Geography:** Asia; Pacific Islands; Hawaii.

**History:** China since 1800; Modern Japan; Hawaiian Islands; Seminar in Chinese History; Seminar in Japanese History.

**Home Economics:** Foods of the Pacific; Costumes of Asia.

**Music:** Japanese Dance and its Music; Polynesian Music; Pacific and Asian Music in Education; Koto; Filipino Dance; Korean Dance; Hawaiian Chant.

**Philosophy:** Introduction to Buddhist Philosophy; Introduction to Indian Philosophy; Introduction to Chinese Philosophy; Problems in Indian Philosophy; Problems in Chinese Philosophy; Problems in Buddhist Philosophy; Seminar in Comparative East-West Metaphysics; Seminar in East-West Ethics.

**Political Science:** Government and Politics of China and Japan; International Relations of South and Southeast Asia; Asian Political Thought; Foreign Policy of Mainland China; Government and Politics of Polynesia (South Pacific Educational Cruise).

**Religion:** Living Religions of Hawaii.

**Sociology:** Community Forces in Hawaii; People and Institutions of China; Race and Culture Contacts in Hawaii; Race Relations in the Pacific.

**EAST-WEST PHILOSOPHERS' CONFERENCE.** Because of the University of Hawaii's unique qualifications for developing greater mutual understanding between the peoples of Asia and the West at the level of philosophical convictions and for encouraging total perspective in philosophy, the University held East-West Philosophers' Conferences in 1939, 1949, and 1959 and will conduct a fourth in 1964, with the central theme, "The World and the Individual in East and West." The 1964 conference, held in conjunction with the summer session of the University, will offer students many opportunities to develop knowledge and interest in East-West thought and to take courses in Eastern, Western, and East-West comparative philosophy taught by recognized scholars from many parts of the world.

The conference program will include a series of public lectures by internationally known philosophers, formal conference meetings, and both elementary and advanced courses in the summer session.

The philosophy courses to be offered are:

S 100 Introduction to Philosophy

S 150 History of Philosophy

S 430 Logic

S 450 Introduction to Indian Philosophy

S 460 Introduction to Buddhist Philosophy

S 470 Introduction to Chinese Philosophy

S 475 Problems in Indian Philosophy

S 476 Problems in Chinese Philosophy

S 477 Problems in Buddhist Philosophy

S 510 Philosophy in Literature

S 680 Seminar in Comparative East-West Metaphysics

S 681 Seminar in Comparative East-West Ethics

For further information concerning the conference write to Dr. Charles A. Moore, Director, East-West Philosophers' Conference, University of Hawaii, Honolulu, Hawaii 96822.

**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 Fourth Summer Institute of American Studies will be held from June 29 to August 7. Through another grant from the Coe Foundation, 25 fellowships carrying stipends of \$300 each will be awarded to qualified applicants. Application blanks may be obtained by writing to the Director of the Fourth Summer Institute of American Studies, Dr. James M. McCutcheon, Department of History, University of Hawaii, Honolulu, Hawaii 96822.

**INSTITUTE ON ASIAN STUDIES.** The Sixth Summer Institute on Asian Studies will be held from June 29 to August 7. 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 and, for persons coming from outside Hawaii, a one-way economy class jet airplane ticket from Honolulu to home. The scholarship awards are open to persons (teachers, administrators, librarians) associated with secondary schools and above, and public librarians. Applications for the scholarships must be submitted by March 15, 1964.

Membership in the institute will be closed on June 1, 1964. 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, Hawaii 96822.

**ENGLISH LANGUAGE INSTITUTE.** The Third English Language Summer Institute will be held from June 29 to August 7. Four levels of intensive courses in English for foreign students are offered for students who wish to improve their English proficiency. The institute offers training in listening, speaking, reading, and writing. Additional language laboratory work is required. Newly selected East-West Center Grantees and other foreign students who need instruction in English are urged to attend the summer institute, preparatory to fall enrollment in the University. Inquiries should be addressed to Professor Donald I. Dickinson, Director, English Language Institute, East-West Center, University of Hawaii, Honolulu, Hawaii 96822.

**INSTITUTE IN RADIATION BIOLOGY.** The Fifth Summer Institute in Radiation Biology for public and private college teachers of Science will be held from June 29 to August 7, 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, Honolulu, Hawaii 96822.

**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 Eighth Summer Institute in Science and Mathematics for Secondary School Teachers of Science and Mathematics will be held from June 29 to August 7, under a grant from the National Science Foundation. The Director of this institute will be Dr. Harry Zeitlin, Department of Chemistry, University of Hawaii, Honolulu, Hawaii 96822.

**INSTITUTE IN SCIENCE FOR ELEMENTARY SUPERVISORS AND TEACHERS.** The Second Summer Institute in Science for Elementary School Supervisors and "Key" Teachers will be held from June 29 to August 7, under a grant from the National Science Foundation. Courses to be offered are: Science S 130 *Modern Science* (3 cr.) and Education EE 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, Honolulu, Hawaii 96822.

**INSTITUTE FOR SECONDARY SCHOOL PUBLICATIONS ADVISERS.** A Summer Institute for Secondary School Publications Advisers will be held from June 29 to August 7, under a grant from the Newspaper Fund, Inc. This institute is designed to help teachers upgrade their skills and competencies in the production of school publications. The institute is for six credit hours, with four credits devoted to a study of the adviser's role in school publications and two credits in a related field chosen from courses in either English or Journalism. The Director of the Institute is Mr. Robert Tottingham, Director of Field Services, University of Wisconsin. For information and applications for stipends, correspondence should be directed to Mrs. Patsy Saiki, Campus Coordinator, University High School, University of Hawaii, Honolulu, Hawaii 96822.

**INSTITUTE FOR SECONDARY SCHOOL TEACHERS OF ENGLISH.** To give secondary school teachers of English an opportunity for advanced study in the subject and assistance in developing fresh teaching approaches, the Department of English and the Department of Secondary Education of the University of Hawaii will jointly offer an Institute for Secondary School Teachers of English from June 29 to August 7. The program will include three advanced courses in Interpretation of Literature, Composition, and Linguistics, and a Laboratory for the Development of New Methods of Teaching English, each carrying two credits. Enrollment will be limited to 50 students. Candidates for admission may secure application

forms by writing to the Director of the Institute, Professor Richard L. Larson, Department of English, University of Hawaii, Honolulu, Hawaii 96822.

**INSTITUTE IN SPEECH FOR HIGH SCHOOL STUDENTS AND TEACHERS.** This institute is designed to meet two basic needs in Hawaii's speech education: first, to provide practical in-service speech training for teachers; and second, to provide practical and intensive experience in forensics or interpretative arts for students. Separate divisions will be held for: (1) teachers, from June 29 to July 31, for which four credits may be earned; (2) students, from July 6 to July 31, for which certain high school credits may be earned. Inquiries about the institute should be directed to Dr. Donald W. Klopff, Department of Speech, University of Hawaii, Honolulu, Hawaii 96822.

**WORKSHOP IN INTERNATIONAL EDUCATION, JAPAN.** The Third 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. David H. Kornhauser, Department of Asian Studies, University of Hawaii, as workshop leader (*see* Education HP S 773). 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, Hawaii 96822.

**NURSING WORKSHOP: NEWER DIMENSIONS OF PATIENT CARE—A SOCIAL SCIENCE INTERPRETATION.** A nursing workshop on newer dimensions of patient care will be held from August 3 to August 14. This workshop is designed for nurses who plan and administer nursing services and nursing education, supervise the work of nursing staff, teach clinical practice, or are clinical specialists or consultants. This workshop will present assumptions and research findings from the behavioral sciences that can be applied to patient care and will consider three major topics: how to meet the psychosocial needs of nursing staff as a means for raising or maintaining motivation and competence; how to use the physical and social environment of the hospital for therapeutic purposes; and how to get acquainted with patients, and obtain and use the social information necessary to provide "total care." Inquiries about the workshop should be directed to Mrs. Yukie T. Gross, College of Nursing, University of Hawaii, Honolulu, Hawaii 96822.

**STUDY TOUR OF EUROPE.** June 29—August 12. A tour of Europe, including Russia, preceded by a week of campus lectures and programs, will be led by Dr. Edwin C. Pendleton, Assistant Dean, College of Business Administration (*see* European Studies S 620). The tour will include Copenhagen, Helsinki, Leningrad, Moscow, Odessa, Kiev, Berlin, Frankfurt, Vienna, Venice, Florence, Rome, Pompeii, Lucerne, Interlaken, Paris, London, Stratford-on-Avon, Warwick, 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 Dean Edwin C. Pendleton, University of Hawaii, Honolulu, Hawaii 96822.

**STUDY TOUR OF THE ORIENT.** June 29—August 9. A tour of the Far East and Southeast Asia, preceded by a week of campus lectures and other programs, will be led by Dr. Norman D. Rian, Chairman, Department of Music (*see* Asian Studies S 620). The tour will include Japan, Okinawa, Taiwan, Philippines, Thailand, Malaya, Singapore, and Hong Kong. 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 Dr. Norman D. Rian, University of Hawaii, Honolulu, Hawaii 96822.

**SOUTH PACIFIC EDUCATIONAL CRUISES.** A 3-credit course on Native Arts of the South Pacific (*see* Art S 487) will be taught by Prof. J. Halley Cox aboard the ultramodern Matson liner *S.S. Monterey* on its cruise of the South Pacific leaving San Francisco on June 21, 1964. On the ship's next South Pacific Cruise, leaving San Francisco on August 6, Prof. Norman Meller will offer a 3-credit course on Government and Politics of Polynesia (*see* Political Science S 450). For particulars, write to the Dean of Summer Session, University of Hawaii, Honolulu, Hawaii 96822, or to the Division of Educational Travel, National Education Association, 1201 16th St., N.W., Washington, D.C. 20036.

## **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.

Details of the summer program for 1964 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 counseling 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 Director of Student Activities, 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 nearby.

**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, 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, are located. There are 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 sixteen radio stations, free public concerts by the Royal Hawaiian Band, open air exhibits of their paintings by local artists, botanical gardens and arboretums, the extensive Honolulu Zoo, the 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 684 students in the 1964 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.** Requests for residence hall accommodations should be made directly to the Student Housing Office. To be eligible for any University of Hawaii residence hall, a student must be registered for at least *three hours of lecture courses* for credit. Application-contracts must be accompanied by the deposit before consideration for space reservation can be made. Reservation for residence hall space will be made for you, but *specific hall assignment will not be made or verified until payment of the Room and Board fee has been received.* The halls are operated on the American plan and the contract is for room and board. Meals include breakfast and dinner, Monday through Friday.

#### Six-Week Contract

Room . .	\$115
Board . .	50
	<hr/>
	\$165

#### Five-Week Contract

Room . .	\$ 95
Board . .	42
	<hr/>
	\$137

### University Housing Facilities available:

Frear Hall: Accommodates 144 residents in double rooms.

Hale Kahawai: Accommodates 140 residents in double rooms.

John A. Johnson Hall, Building A: Accommodates 80 residents in double rooms.

John A. Johnson Hall, Building B: Accommodates 112 residents in double rooms.

Gateway House: Accommodates 104 residents each in two towers.

There are no facilities on campus for temporary housing or for married students.

Limited residence hall facilities are available during the postsession.

**OFF-CAMPUS HOUSING.** The Student Housing Office 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 Housing Office for general information and current listings of available accommodations.

Requests for application blanks and rates on campus housing and for information on off-campus housing should be addressed to the Director of Student Housing, Johnson Hall A, University of Hawaii, Honolulu, Hawaii 96822.

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, Hawaii 96822.

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

### **Snack Bar #1**

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 with 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.

These study tours to Hawaii should not be confused with certain overseas Study Tours which have been arranged, at the request of the summer session office, by Mrs. Ruth Rittmeister, Manager of the International Travel Service of Honolulu, and which start from the University of Hawaii campus with a member of our resident faculty in charge; or the South Pacific Educational Cruises operated by the summer session office with the cooperation of the N.E.A. Division of Educational Travel and the Matson Navigation Company.

**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 drivers' 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 all 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)**

**Jay**

Man's biological evolution; archeological history from the Stone to the Iron Age; patterned lifeways of tribal and folk societies throughout the world.  
Daily 8:45-10:00

### **S 250 OCEANIA (2)**

**K. E. Read**

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 430 SOCIAL ORGANIZATION IN SOUTHEAST ASIA (2)**

**Jay**

Intensive analysis of contemporary social organization in a small sample of societies, ranging from simple to complex, from mainland and island Southeast Asia. Emphasis will be placed upon the interrelations, viewed comparatively, of kinship, community organization, and supralocal ties.  
Daily 11:35-12:25

### **S 510 COMPARATIVE MORALS AND VALUE SYSTEMS (2)**

**K. E. Read**

The sociological functions of morality in simple societies.  
Daily 10:10-11:00

# Art

## Architecture

### S 370 ARCHITECTURE EAST AND WEST (3)

Etherington

A survey of the architecture of the Western and Asian civilizations and societies from primitive to contemporary forms. Course fee \$2.00.  
Daily 8:45–10:00

# Art

### S 101 INTRODUCTION TO THE VISUAL ARTS (3)

Turnbull

Nature of visual art and its expression in various forms. Lectures, demonstrations, museum visits. Course fee \$1.00.  
Daily 8:45–10:00

### S 103 ART FUNDAMENTALS (2)

Bushnell

Background material and studio practice to stimulate understanding of the arts. Lectures, museum visits, studio work. Course fee \$1.00.  
Daily 8:10–10:00

### S 104 ART FUNDAMENTALS (2)

Bushnell

Background material and studio practice to stimulate understanding of the arts. Lectures, museum visits, studio work. Prerequisite: Art 103 or equivalent. Course fee \$1.00.  
Daily 10:10–12:00

### S 111 DRAWING (2)

C. W. Anderson

Basic principles of drawing in a variety of media. Course fee \$1.00.  
Daily 8:10–10:00

### S 112 DRAWING (2)

Kimura

Basic principles of drawing in a variety of media. This course or its equivalent is prerequisite to all advanced studio courses. Prerequisite: Art 111 or equivalent. Course fee \$1.00.  
Daily 10:10–12:00

### S 131 VISUAL DESIGN (2)

Etherington

Elements and principles of visual organization. Course fee \$1.00.  
Daily 10:10–12:00

### S 132 VISUAL DESIGN (2)

Norris

Elements and principles of visual organization. This course or its equivalent is prerequisite to all advanced studio courses. Prerequisite: Art 131 or equivalent. Course fee \$1.00.  
Daily 8:10–10:00

### S 136 WEAVING (2)

Everson

Creative processes of weaving. Warping and threading of simple hand looms and multiple harness looms. Course fee \$7.50.  
Daily 8:10–10:00

### S 141 CERAMICS (2)

McVay, L. Wittich

(3 sections)

Methods and principles of creating pottery by hand. Course fee \$10.00.  
Daily 9:10–11:00 (McVay)  
11:10– 1:00 (McVay)  
1:10– 3:00 (Wittich)

- S 142 CERAMICS (2)** **Horan**  
 (2 sections)  
 Emphasis on wheel throwing and experimentation with form and decorative techniques.  
 Prerequisite: Art 141. Course fee \$10.00.  
 Daily 8:10-10:00 (Horan)  
 10:10-12:00 (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 152 SCULPTURE (2)** **Aidlin**  
 Continuation of 151. Emphasis on individual solutions to problems of sculptural form. Lectures and studio work. Prerequisite: Art 151. Course fee \$10.00.  
 Daily 10:10-12:00
- S 215 INTRODUCTION TO PRINTMAKING (2)** **Stasack**  
 Introduction to studio practice in intaglio processes. Prerequisites: Art 112, 132. Course fee \$3.00.  
 Daily 8:10-10:00
- S 231 COLOR (2)** **Ives**  
 Exploratory studies of the interaction of color. Course fee \$1.00.  
 Daily 8:10-10:00
- S 263 LETTER FORMS (2)** **Ives**  
 The letter as a visual element in design organization. Prerequisites: Art 112, 132 or equivalent. Course fee \$1.00.  
 Daily 10:10-12:00
- S 311 FIGURE DRAWING (2)** **Kimura**  
 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 321 PAINTING (2)** **Norris**  
 Problems in the creation of visual forms. Prerequisites: Art 112, 132, or equivalent. Course fee \$1.00.  
 Daily 10:10-12:00
- S 335 TEXTILE DESIGN (2)** **Everson**  
 Originating ideas for fabrics. Printing and execution of individual or collaborative projects. Prerequisite: Art 235. Course fee \$10.00.  
 Daily 10:10-12:00
- S 415 PRINTMAKING (2)** **Stasack**  
 Printmaking: relief, intaglio, and photo process. Prerequisites: Art 112, 132, 311 or equivalent. Course fee \$3.00.  
 Daily 10:10-12:00
- S 463 ADVANCED VISUAL DESIGN (2)** **C. W. Anderson**  
 Investigation into the processes of visualization; its expression and control. Prerequisites: Art 112, 132.  
 Daily 10:10-12:00
- S 476 ITALIAN RENAISSANCE PAINTING AND SCULPTURE (3)** **Turnbull**  
 The development of painting and sculpture in Italy during the period of the Renaissance. Prerequisites: Art 171 or History 152 or 162 or equivalent. Course fee \$2.00.  
 Daily 10:10-11:25

**S 487 NATIVE ARTS OF THE SOUTH PACIFIC (3)****Cox**

Stylistic and aesthetic characteristics of the arts of the South Pacific, including Micronesia, Polynesia, Melanesia, Hawaii, New Zealand, and Australia; preview of the arts: forms, materials, and techniques; relation of the concepts of spiritual life to the arts in Pacific cultures; environmental limitations and advantages; overlay of geometric patterns on functional and ceremonial objects; form relationships and cross-cultural meanings in the arts; arts in paleolithic and neolithic cultures. (South Pacific Educational Cruise, June 21–July 27). See page 21.

**S 642 CERAMIC DESIGN AND RESEARCH (2)****Horan**

(2 sections)

Individual problems in advanced ceramics. Prerequisite: Consent of chairman and instructor. Course fee \$10.00.

Daily 8:10–10:00 (Horan)

10:10–12:00 (Horan)

## 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 19.

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, theatres. Prerequisite: membership in Summer Institute on Asian Studies. For other details, see page 19.

**S 620 FIELD STUDIES: STUDY TOUR OF THE ORIENT (5)****Rion**

Lectures and programs on campus, followed by tour of Japan, Okinawa, Taiwan, Philippines, Thailand, Malaya, Singapore and Hong Kong. (Optional tour to Korea not part of regular 5 credit tour.) Prerequisite: consent of instructor. Preregistration. June 29–August 9.

## Botany

**S 160 FLOWER AND TREE IDENTIFICATION (2)**

A nontechnical course in identification of tropical plants.

Daily 9:10–10:00

## Business Administration

### Accounting

**S 100 ELEMENTARY ACCOUNTING (3)****Tausig**

Introduction to theory and practice, income determination, and asset valuation. Preparation of statements and analysis of financial data in decision making. Three lectures and two laboratory periods. Prerequisite: sophomore standing or consent of instructor.

First 5-week term: June 29–July 31.

MWF 8:00–10:00 Laboratory, TTh 8:00–10:20

**S 101 ELEMENTARY ACCOUNTING (3)****S. 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: August 3–September 4.

MWF 8:00–10:00 Laboratory, TTh 8:00–10:20

**S 200 INTERMEDIATE ACCOUNTING (3)****H. Miller**

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 29–July 31.

MWF 8:00–10:00 Laboratory, TTh 8:00–10:20

**S 201 INTERMEDIATE ACCOUNTING (3)****H. Miller**

Continuation of Accounting S 200, 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 200.

Second 5-week term: August 3–September 4

MWF 8:00–10:00 Laboratory, TTh 8:00–10:20

**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)****Leong**

Measurement of averages, variability, statistical inference, correlation analysis, index numbers and time series.

Daily 8:45–10:00

**Business Economics****S 150 PRINCIPLES OF ECONOMICS (3)****Myers**

(same as Economics S 150)

(2 sections)

An introductory course directed to what has come to be called macroeconomics, 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 7:20–8:35

10:10–11:25

**S 151 PRINCIPLES OF ECONOMICS (3)****Fixler**

(same as Economics S 151)

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 or Econ 150.

Daily 8:45–10:00

**S 240 MONEY AND BANKING (3)****Uppal**

(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 8:45–10:00



**S 340 MANAGERIAL ECONOMICS (3)**  
(same as Economics S 300)

**D. S. Watson**

Economic analysis as it is applied to business decisions and policy for workable concepts of profit, demand, costs, market structure and performance.  
Daily 8:45-10:00

**S 375 BUSINESS AND GOVERNMENT (2)**  
(same as Economics S 470)

**D. S. Watson**

Economic aspects and implications of public policy, taxation, and regulation of business activity.  
Daily 11:35-12:25

## **Finance**

**S 300 BUSINESS FINANCE (3)**

**Corbin**

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 7:20-8:35

## **Law**

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

**Putman**

The American systems of jurisprudence, elements of torts, criminal law, property, trusts and estates, law of contract and agency.  
Daily 10:10-11:25

## **Hotel Management and Tourism**

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

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)**

**Hebert**

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

**S 350 BUSINESS POLICY (3)**

**Pratt**

Determination of alternative risks in solving policy problems. Case studies using an interdisciplinary approach. Prerequisite: senior standing.  
Daily 8:45-10:00

## **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 7:20-8:35

**S 305 PERSUASION IN BUSINESS (3)****Crissy**

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 8:45-10:00

**S 315 MARKETING MANAGEMENT (3)****Crissy**

Policy and operational decisions of marketing executives; product decisions, distribution, pricing, marketing plans, sales programs, and organization and control of sales forces.  
Prerequisite: Mkt 300.  
Daily 10:10-11:25

**Personnel and Industrial Relations****S 300 LABOR PROBLEMS (3)****Marutani**

Study of wages, hours, working conditions, employment, and other labor problems. Structure and operation of trade unions. Prerequisite: BEc 150-151 or equivalent.  
Daily 7:20-8:35

**S 350 PERSONNEL MANAGEMENT (3)**

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 10:10-11:25

**Chemistry****S 106 GENERAL CHEMISTRY-QUALITATIVE ANALYSIS (5)****Männ**

Principles, theories and elementary analytical methods. The equivalent of the second half of the academic year's course. Desirable preparation for all subsequent chemistry courses. Prerequisite: Chemistry 105 (or Chemistry 103 with permission of Department Chairman). Course fee \$12.00.  
Daily 8:30-10:00 Laboratory MTWTh 1:00-5:00

**S 141 ELEMENTS OF ORGANIC CHEMISTRY (4)****Schaleger**

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 29-July 31.  
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: August 3-September 4.  
Daily 8:10-10:00 Laboratory, daily 7:10-7:55 or 10:10-10:55

**S 103 ELEMENTARY MANDARIN—READING (3)****Perkins**

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 29–July 31.  
Daily 10:10–12:00

**S 104 ELEMENTARY MANDARIN—READING (3)****Perkins**

Continuation of S 103; the equivalent of the second semester's work in the academic year.  
Second 5-week term: August 3–September 4.  
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 29–July 31.  
Daily 11:10–1:00      Laboratory, daily 1:10–1:55

**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: August 3–September 4.  
Daily 11:10–1:00      Laboratory, daily 1:10–1:55

**S 153 INTERMEDIATE MANDARIN—READING (3)****Wan**

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 29–July 31.  
Daily 8:10–10:00

**S 154 INTERMEDIATE MANDARIN—READING (3)****Wan**

Continuation of S 153; the equivalent of the second semester's work in the academic year.  
Second 5-week term: August 3–September 4.  
Daily 8:10–10:00

**S 201 ADVANCED CHINESE—CONVERSATION (3)****Lo**

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 102, or 152, or equivalent. One period of laboratory drill daily is required. Lab fee \$3.00.  
First 5-week term: June 29–July 31.  
Daily 8:10–10:00      Laboratory, daily 10:10–10:55

**S 202 ADVANCED CHINESE—CONVERSATION (3)****Lo**

Continuation of S 201. One period of laboratory drill daily is required. Lab fee \$3.00.  
Second 5-week term: August 3–September 4.  
Daily 8:10–10:00      Laboratory, daily 10:10–10:55

**S 211 THIRD YEAR CHINESE—CLASSICAL (3)****L. C. Winters**

An intensive course equivalent to the first semester's work in the academic year. Introduction to classical and contemporary literary styles. Prerequisite: Chinese 154 or 110.  
First 5-week term: June 29–July 31.  
Daily 9:10–11:00

**S 212 THIRD YEAR CHINESE—CLASSICAL (3)****L. C. Winters**

Continuation of S 211; the equivalent of the second semester's work in the academic year.  
Second 5-week term: August 3–September 4.  
Daily 9:10–11:00

**S 417 FOURTH YEAR CHINESE (3)**

**Liu**

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 29–July 31

Daily 9:10–11:00

**S 418 FOURTH YEAR CHINESE (3)**

**Liu**

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

Second 5-week term: August 3–September 4.

Daily 9:10–11:00

## **Criminology**

**S 210 SCIENTIFIC INVESTIGATION AND PHYSICAL EVIDENCE (5)**

**Jones**

How to recognize, evaluate, mark, and preserve all types of physical evidence for presentation in court. Scope of the forensic sciences; prints and imprints; hit and run; comparative analysis of cuts, impressions, contours; blood analysis; dead bodies; rape; abortions; narcotics; hair identification; fibres; poisons; dust, dirt, and debris; questioned documents; firearms identification; explosives, etc.

Daily 9:10–11:25

## **Drama and Theatre**

**S 140 INTRODUCTION TO DRAMA AND THEATRE (3)**

**Trapido**

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 10:10–11:25

**S 405 PUPPETRY (2)**

**Bentley**

Survey of history and scope of puppetry. Construction and presentation of puppets for adult and child audiences.

Daily 9:10–10:00

**S 410 CREATIVE DRAMATICS (2)**

**Bentley**

Intensive study of dramatic activities for children and young people. Designed for teachers, group workers, recreation majors, and others dealing with children.

Daily 11:35–12:25

## **Economics**

**S 150 PRINCIPLES OF ECONOMICS (3)**

**Myers**

(Same as Business Economics S 150)

Economic analysis of production, income, prices, and distribution in the American economy.

Daily (1) 7:20–8:35

(2) 10:10–11:25

**S 151 PRINCIPLES OF ECONOMICS (3)**

**Fixler**

(Same as Business Economics S 151)

Economic analysis of production, income, prices, and distribution in the American economy.

Daily 8:45–10:00

**S 240 MONEY AND BANKING (3)**

**Uppal**

(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 ECONOMIC THEORY: PRICE THEORY (3)** **D. S. Watson**  
 (Same as Business Economics S 340)  
 Price determination and resource allocation under competition, monopoly, oligopoly, monopolistic competition. Theories of demand, cost, partial, general equilibrium.  
 Daily 8:45-10:00
- S 410 ASIAN ECONOMIC DEVELOPMENT (3)** **Uppal**  
 Principles, problems, and policies of economic development in underdeveloped areas, with particular attention to Asia and Far East.  
 Daily 11:35-12:50
- S 450 PUBLIC FINANCE (3)** **Hoffman**  
 Government expenditures, revenues, debts, budgeting; economic effects; fiscal policy. Emphasis on federal government.  
 Daily 10:10-11:25
- S 470 GOVERNMENT AND BUSINESS (2)** **D. S. Watson**  
 (Same as Business Economics S 375)  
 Economic aspects and consequences of public policy and regulation of business activity.  
 Daily 11:35-12:25

## **Education**

### **Administration and Supervision**

- Ad S 672 PERSONNEL PRACTICES AND THE SCHOOL PRINCIPAL (2)** **Crossley**  
 Orientation to personnel practices; principles in personnel management; procedures in assignment, orientation; evaluation of staff.  
 Daily 9:10-10:00
- Ad S 679 SUPERVISION OF STUDENT TEACHING (2)** **Davis, Fitzsimmons**  
 (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) Davis  
 11:35-12:25 (Elementary) Fitzsimmons
- Ad S 680 PUBLIC SCHOOL ORGANIZATION (2)** **Simpson**  
 (2 sections)  
 Function of the teacher in school administration; state and territorial organization of public education; Hawaii school law and State Department of Education regulations. Prerequisite: teaching experience (may include student teaching).  
 Daily 9:10-10:00  
 11:35-12:25
- Ad S 682 ADMINISTRATION OF THE ELEMENTARY SCHOOL (2)** **Morrisett**  
 Curricular and programs; reports to parents, pupils, staff; plant; community relations; problems of the small school. Prerequisite: Ad 680; teaching experience.  
 Daily 7:45-8:35
- Ad S 683 ADMINISTRATION OF THE SECONDARY SCHOOL (2)** **Crossley**  
 Organization and administration; curriculum schedules; personnel; plant; public relations. Prerequisite: Ad 680; teaching experience.  
 Daily 10:10-11:00
- Ad S 684 POLITICS AND ADMINISTRATION OF EDUCATIONAL POLICY (3)** **Cahill**  
 (Same as Pol Sci S 684)  
 Political conditions under which educational administration takes place and their effects upon educational organization and policy.  
 Daily 10:10-11:25

**Morrisett**

**Analysis of selected problems in school administration. Prerequisite:** Ad 682 or 683; consent of instructor. May be repeated.  
**Daily 9:10–10:00**

## Educational Psychology

## Adkins Wood, Husek, Krathwohl, Seeman

**Theory and techniques of evaluation in education. Prerequisites: EE 221, 222, or SE 230. Course fee \$12.00, including \$11.00 for the National Teacher Examination.**

**Daily** 7:20– 8:35 (Krathwohl)  
8:45–10:00 (Krathwohl)  
8:45–10:00 (Seeman)  
10:10–11:25 (Husek)  
10:10–11:25 (Adkins Wood)  
11:35–12:50 (Adkins Wood)

**Fitzgerald, Sax**

**Major factors of learning and mental health as they apply to the educative process. Prerequisite: Psych 250.**

**Daily 7:20- 8:35 (Fitzgerald)**  
**10:10-11:25 (Sax)**

**Daeufer**

Techniques for motivating and helping children whose reading skills are below their capacity and needs.

**Daily 7:45–8:35**

## Chang

**A basic survey course covering recognized areas of exceptionality with emphasis on retarded children. Prerequisite: EP 309.**

**Daily 10:10–11:25**

**Sanderson, W. A. Wittich**

**Communication theory, the characteristics of A-V media: automated learning programs, TV, projected and opaque materials (maps and models). Course fee \$4.00.**

**Daily 7:45– 8:35 (Sanderson)**  
**10:10–11:00 (Wittich)**

Laboratory (1) MTh 8:45-10:00

(2) **TF 8:45-10:00**

(3) MTh 10:10–11:25

(4) TF 10:10-11:25

(5) MTh 11:25–12:50

## Demos

**Basic principles of guidance; consideration of techniques, organization, materials, resources.**

**Daily 10:10–11:25**

## Seeman

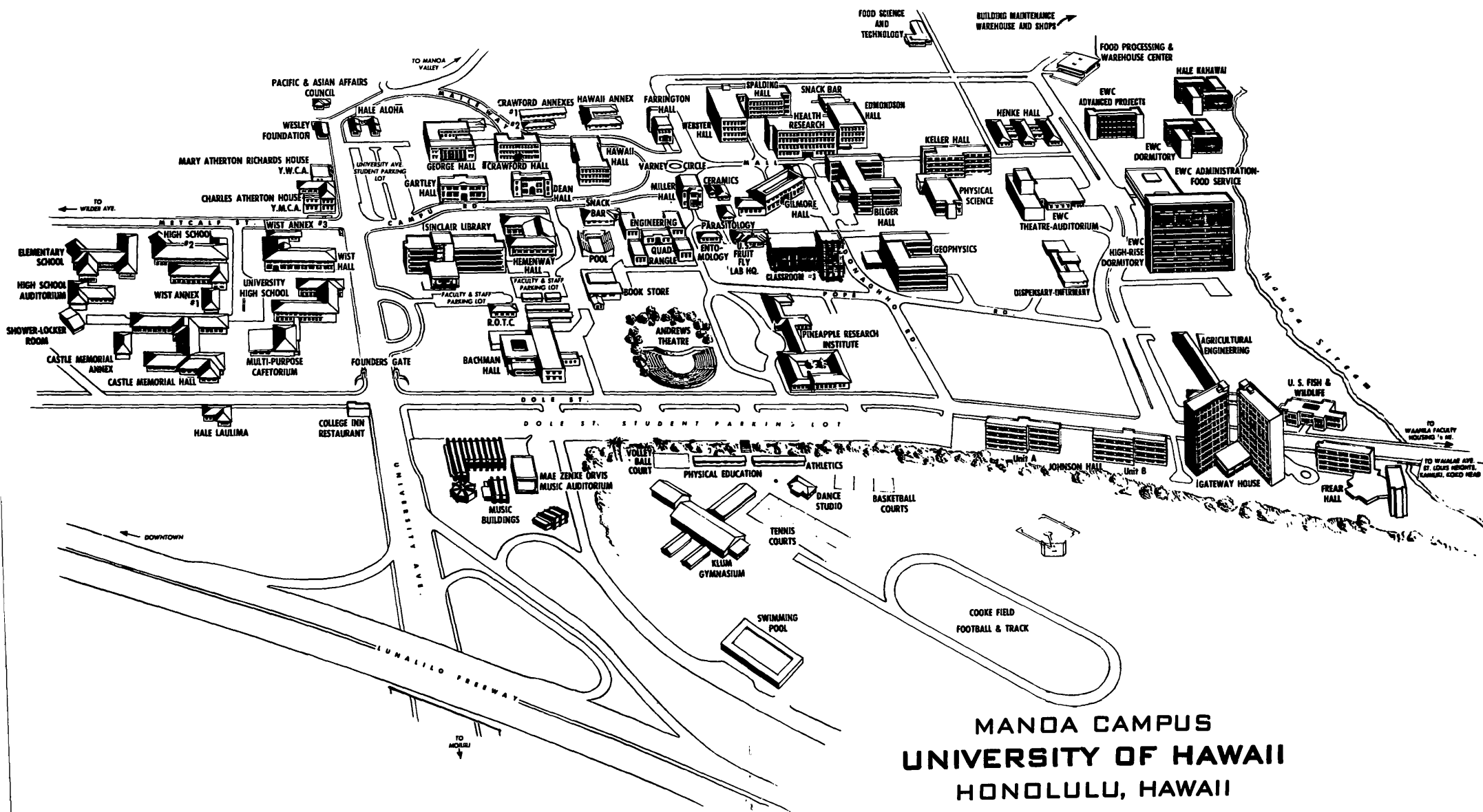
Principles of behavior which affect human relationships in the school, with emphasis upon application to actual situations.

**Daily 11:35–12:25**

## Demos

**Tests and inventories for measuring aptitudes, interests, and modes of behavior. Prerequisites: EP 309, 601.**

**Daily 7:45–8:35**



**EP S 614 EDUCATION OF RAPID LEARNERS (2)**

**Chang**

Analysis of special problems of rapid learners and development of techniques and programs for serving them.  
Daily 7:45-8:35

**EP S 629 EDUCATIONAL STATISTICS (3)**

**Fujita**

Statistical inference including the applications of parametric and non-parametric methods to educational problems. Prerequisite: descriptive statistics or EP 309.  
Daily 11:35-12:50

**EP S 634 TELEVISION IN EDUCATION (3)**

**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 9:10-10:00; lab hrs to be arranged

**EP S 672 ADVANCED EDUCATIONAL PSYCHOLOGY (3)**

**Fitzgerald**

(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(4) SEMINAR IN GUIDANCE: VOCATIONAL (2)**

**Collins**

Current issues and problems. Prerequisite: 8 credits in guidance courses.  
Daily 10:10-11:00

**EP S 702 GROUP GUIDANCE (2)**

**Leton**

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 704 SEMINAR IN AUDIO-VISUAL EDUCATION (3)**

**W. A. Wittich**

Review of general and current audio-visual research. Applications of same to problems in the improvement of instruction. Prerequisite: EP 514 or equivalent.  
Daily 8:45-10:00

**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 S 708 EDUCATIONAL RESEARCH METHODS (3)**

**Beyers, Husek**

(2 sections)

Research techniques and thesis development. Prerequisite: EP 309 and proficiency in statistics; consent of instructor.  
Daily 7:20- 8:35 (Husek)  
10:10-11:25 (Beyers)

**Elementary Education**

*See also Ed Ad S 679*

**EE S 222 PRINCIPLES OF ELEMENTARY EDUCATION (4)**

**Yang**

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. Prerequisite: Psych 250.  
Daily 10:10–11:50

**EE S 322 SOCIAL STUDIES, ELEMENTARY (2) Ezer**

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

Daily 7:45–8:35

**EE S 323 SCIENCE, ELEMENTARY (2) Tannenbaum**

Science education in the elementary school; developing concepts and understandings. Prerequisite: EE 220.

Daily 9:10–10:00

**EE S 324 MATHEMATICS, ELEMENTARY (3) Fitzsimmons**

Scope and organization of curriculum materials; mathematical content for use of newer approaches. Prerequisites: EE 220, Mathematics 111.

Daily 8:45–10:00

**EE S 325 TRENDS IN THE TEACHING OF ELEMENTARY MATHEMATICS (2) Capps**

Mathematical content necessary for effective use of newer approaches; nature of number systems; introduction to the theory of numbers; basic concepts of algebra, foundations of geometry. Prerequisite: EE 220. Open for credit to students who took elementary math methods prior to September 1962.

Daily 10:10–11:00

**EE S 326 CREATIVE ART, ELEMENTARY (2) McMahon**

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

Daily 10:10–12:25

**EE S 330 CREATIVE EXPRESSION IN ELEMENTARY EDUCATION (3) E. D. Hayes**

The development of communication skills through creative dramatics, rhythmic movement, and the related arts. Prerequisite: EE 220.

Daily 10:10–11:25

**EE S 620 TEACHING READING IN THE ELEMENTARY SCHOOL (2) Lowe, D. H. Russell**  
(3 sections)

The reading process; current research; critical examination of procedures and materials for teaching reading and for improving reading skills. Prerequisite: EE 320; teaching experience.

Daily 7:45– 8:35 (Russell)

9:10–10:00 (Lowe)

10:10–11:00 (Russell)

**EE S 623 THE ELEMENTARY SCIENCE CURRICULUM (2) Tannenbaum**

Application of recent developments in science, curriculum construction, and learning theory to the elementary school. Prerequisite: EE 323 and teaching experience.

Daily 11:35–12:25

**EE S 624 THE ELEMENTARY MATHEMATICS CURRICULUM (2) Capps**

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) Ezer**

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. Prerequisites: Art 103-104; EE 326. Lab fee \$7.50.  
Daily 7:20-9:35

**EE S 630 CURRICULUM DEVELOPMENT IN CREATIVE EXPRESSION (3)****E. D. Hayes**

Leadership training for teachers of creative dramatics, rhythmic movement, and the related arts. Prerequisites: EE 330, Drama 410, or consent of instructor.  
Daily 8:45-10:00

**EE S 667 CURRICULUM TRENDS IN EARLY CHILDHOOD EDUCATION (3)****Lowe**

Study of current issues and problems in kindergarten and early elementary education with emphasis on program planning for curriculum improvement. Prerequisites: EE 221, 224 or equivalent, and teaching experience.  
Daily 7:20-8:35

### **Health and Physical Education**

*An activities and/or locker fee of \$3.00 is assessed for all courses listed below. Medical clearance or a statement from the University Physician certifying participation in physical activities for all courses except S 124, S 521, and S 631.*

**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)****Bruhn, Vasconcellos**

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

(2 sections)

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. Open to men and women.

Daily 9:10-10:00

10:35-11:25

**HPE S 124 DANCES OF HAWAII (1)**  
(14 sections)

**Beamer, Gay, Kaina, Sharpe**

This course is designed to acquaint the student with the background and fundamentals of the hula. Selected dances will be taught, with and without instruments. 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) | (8) 9:10-10:00 (Beamer)   |
| (2) 7:45- 8:35 (Gay)         | (9) 10:10-11:00 (Beamer)  |
| (3) 7:45- 8:35 (Sharpe)      | (10) 10:10-11:00 (Gay)    |
| (4) 7:45- 8:35 (Beamer)      | (11) 10:10-11:00 (Kaina)  |
| (5) 9:10-10:00 (Kaina)       | (12) 10:10-11:00 (Sharpe) |
| (6) 9:10-10:00 (Gay)         | (13) 11:35-12:25 (Kaina)  |
| (7) 9:10-10:00 (Sharpe)      | (14) 11:35-12:25 (Beamer) |

**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)**

**Curtis**

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 521 ADMINISTRATIVE PROBLEMS IN PHYSICAL EDUCATION (2)**

**Snyder**

Current problems and recent trends in the conducting of physical education programs in secondary schools. For teachers, graduate students, and seniors in the fields of physical education. Prerequisite: consent of instructor.

Daily 7:45-8:35

**HPE S 631 ORGANIZATION AND ADMINISTRATION OF THE SCHOOL  
HEALTH PROGRAM (2)**

**Snyder**

Underlying principles, organization for health including health services, healthful school living, health and safety instruction; interrelationships with community agencies. Prerequisites: HPE 230, 231, 235, 236, and 239.

Daily 10:10-11:00

## **History and Philosophy of Education**

**HP S 650 HISTORY OF EDUCATION (3)**  
(2 sections)

**Stueber**

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

Daily 7:20- 8:35  
10:10-11:25

**HP S 660 PHILOSOPHY OF EDUCATION (3)**  
(3 sections)

**Austin, Lewis**

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

Daily 7:20- 8:35 (Austin)  
8:45-10:00 (Lewis)  
10:10-11:25 (Austin)

**HP S 661 THE CHURCH AND THE SCHOOL (2)**

**Jackson**

Church, state, and school relationships in the U.S., Canada, Latin America, and Europe. Prerequisite: HP 660.

Daily 9:10-10:00

**HP S 663 SOCIAL FOUNDATIONS OF EDUCATION (3)****Lewis**

The impact on education of major social trends and forces operating in American society; social change and education. Prerequisite: consent of instructor.  
Daily 11:35-12:50

**HP S 664 INTERPERSONAL RELATIONSHIPS IN EDUCATION (3)**  
(2 sections)**Lampard**

Philosophical and psychological considerations in personal relationships in Family and School.  
Daily 8:45-10:00  
11:35-12:50

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

Study of the educational problems, practices, and institutions in the countries of Asia.  
Daily 10:10-11:25

**HP S 768 SEMINAR IN PROBLEMS OF EDUCATION (2)****Jackson**

Study and discussion of significant topics and problems. Required of Ed.M. candidates (Plan B) in their final semester or summer session.  
Daily 11:35-12:25

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

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 educational practices. 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 10-July 25.

## **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 10:10-11:00

**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 601 CONTEMPORARY TRENDS AND ISSUES IN INDUSTRIAL EDUCATION (2)****Poyzer**

Survey and investigation of contemporary trends and issues in industrial education and their impact on industrial arts, vocational education, and technical education. Philosophical, psychological, curricular, and methodological factors. Prerequisite: SE 346 or consent of instructor.  
Daily 7:45-8:35

## **Library Science**

**LS S 301 INTRODUCTION TO LIBRARIANSHIP (3)****Thomassen**

Development, function, and operation of libraries as social institutions; orientation to librarianship. Observation of various types of libraries.  
Daily 8:45-10:00

**LS S 310 THE LIBRARY IN TEACHING (2)****Thomassen**

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 430 BOOK SELECTION AND READING GUIDANCE (3)****Geiser**

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**

*See also Ed Ad S 679*

**SE S 230 SECONDARY EDUCATION (4)****Rice**

Basic course dealing with the major problems of secondary education. Prerequisite: Psych 250.  
Daily 10:10–11:50

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

Techniques and materials for teaching reading and improving skills in the intermediate and high school.  
Daily 10:10–11:00

**SE S 340 APPLIED METHODOLOGY IN FRENCH AND SPANISH (3)****Sister Jeanne Louise**

Help in using the audio-lingual approach: demonstration classes, elementary applied linguistics, supplementary material, realia. Prerequisite: SE 335 or consent of instructor.  
Daily 8:45–10:00

**SE S 634 EXTRAClass ACTIVITIES IN SECONDARY SCHOOLS (2)****Rice**

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

**SE S 635 INTERMEDIATE SCHOOL CURRICULUM (3)****Reid**

Programs for the intermediate school; relationship of teachers, administrators, and parents; curriculum problems; evaluation. Prerequisite: teaching experience.  
Daily 7:20–8:35

**SE S 636 SECONDARY SCHOOL CURRICULUM (3)****Reid**

Principles and techniques of curriculum improvement at the secondary school level. Prerequisite: teaching experience.  
Daily 10:10–11:25

**SE S 637 ART IN SECONDARY EDUCATION (3)****Pickens**

Principles of and problems in teaching art in secondary school; current approaches in teaching art. Prerequisite: SE 336 and consent of instructor. Lab fee \$7.50.  
Daily 10:10–12:25

**SE S 641 ENGLISH INSTITUTE: INTERPRETATION OF LITERATURE (2)****Martin**

(Identical with English S 626)

Practice in intensive analysis and interpretation of poems, plays, novels, and essays. To be taken concurrently with SE S 642, 643, 644.

Daily (1) 8:10– 9:00

(2) 11:10–12:00

**SE S 642 ENGLISH INSTITUTE: COMPOSITION (2)****Larson**

(Identical with English S 627)

Analysis of examples of important rhetorical forms and problems; practice in the use of rhetorical patterns and techniques; exercises in definition, explanation, generalization,

classification, argument, persuasion; the adaptation of style to subject and audience. To be taken concurrently with SE S 641, 643, 644.

Daily (1) 9:10-10:00

(2) 11:10-12:00

**SE S 643 ENGLISH INSTITUTE: LINGUISTICS (2)**

**Crymes**

(Identical with English S 628)

Introduction to the assumptions, principles, terminology, and procedures of modern linguistics, with special attention to the descriptions of English by the structural linguists and the transformationalists. To be taken concurrently with SE S 641, 642, 644.

Daily (1) 8:10- 9:00

(2) 9:10-10:00

**SE S 644 ENGLISH INSTITUTE: LABORATORY IN THE TEACHING OF ENGLISH  
IN SECONDARY SCHOOL (2)**

**Gustafson**

(Identical with English S 629)

Discussion of problems in teaching English in secondary school; development of new approaches and teaching materials; application in secondary school teaching of the material treated in SE S 641, 642, 643. To be taken concurrently with those courses.

TTh 1:10-2:00

**SE S 733 SEMINAR IN CURRICULUM, SECONDARY (3)**

**Meyer**

Advanced study in the development and improvement of the curriculum of the secondary schools. Prerequisite: SE 636; consent of instructor. May be repeated once for credit.

Daily 8:45-10:00

## **Engineering**

### **Civil**

**S 220 FLUID MECHANICS (3)**

Properties of fluids, fluid statics and kinematics, momentum and energy equations, real fluid effects. Prerequisite: CE 271 or Phys 310.

Daily 10:10-11:25

**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. Prerequisites: CE 170; Math 142.

Daily 8:45-10:00

**S 274 MECHANICS OF MATERIALS II (3)**

Inelastic behavior, unsymmetrical bending, curved beams, torsion, energy methods, buckling. Prerequisite: CE 273.

Daily 8:45-10:00

### **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

### **General**

**S 101 ENGINEERING GRAPHICS (2)**

**Landstreet**

Fundamentals of orthographic and pictorial drawing and sketching; basic principles of points, lines, and planes and their graphic application to engineering problems. Primarily for those students who are deficient in high school mechanical drawing.

Daily 9:30-12:00

**S 105 ENGINEERING GRAPHICS (3)****Landstreet**

Points, lines, planes, intersections, vectors, charts, graphs, graphic calculus, basic principles of nomography; and their graphic application to engineering problems. Prerequisite: Minimum one year high school mechanical drawing. Not open to students who have credit in both GE 101–102. GE 105 may be taken in place of GE 102 to satisfy the graphics requirement.

Daily 8:30–12:00

**Mechanical****S 231 THERMODYNAMICS (3)****Downs**

Basic laws. Work, heat, and the concept of entropy. Perfect gases, mixtures. Availability, irreversibility and efficiency. Prerequisite: Phys 172, Math 143.

Daily 11:35–12:50

**English****S 101 COMPOSITION (3)****Staff**

(12 sections)

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

Daily (1) 7:20– 8:35	(7) 8:45–10:00
(2) 7:20– 8:35	(8) 8:45–10:00
(3) 7:20– 8:35	(9) 10:10–11:25
(4) 7:20– 8:35	(10) 10:10–11:25
(5) 8:45–10:00	(11) 10:10–11:25
(6) 8:45–10:00	(12) 10:10–11:25

**S 102 COMPOSITION (3)****Staff**

(12 sections)

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

Daily (1) 7:20– 8:35	(7) 8:45–10:00
(2) 7:20– 8:35	(8) 8:45–10:00
(3) 7:20– 8:35	(9) 10:10–11:25
(4) 7:20– 8:35	(10) 10:10–11:25
(5) 8:45–10:00	(11) 10:10–11:25
(6) 8:45–10:00	(12) 10:10–11:25

**S 150 MAJOR WORKS OF BRITISH AND AMERICAN 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)****Felheim, Leib**

(2 sections)

From 1800 to the present; an introductory course for sophomores.

Daily (1) 10:10–11:25 (Leib)  
(2) 8:45–10:00 (Felheim)

**S 152 WORLD LITERATURE: TO THE RENAISSANCE (3)****Simson, L. E. Winters**

(2 sections)

Major works of classical, Oriental, European and English literature.

Daily (1) 10:10–11:25 (Simson)  
(2) 8:45–10:00 (Winters)

**S 153 WORLD LITERATURE: 1600 TO THE PRESENT (3)****Fujimura, Teevan****(2 sections)**

Major works of classical, Oriental, European, American and English Literature.

Daily (1) 10:10-11:25 (Fujimura)

(2) 8:45-10:00 (Teevan)

**S 155 TYPES OF EUROPEAN AND AMERICAN LITERATURE (3)****Huntsberry**

Poetry, drama, essays, and prose fiction from the sixteenth century to the present. A required course for sophomores in Agriculture, Business Administration, Engineering, Pre Arch., Recreational Leadership and Medical Tech.

Daily 10:10-11:25

**S 210 REPORT WRITING (2)****Glick, Leib****(2 sections)**

Technical exposition: reports and other types of professional writing. Prerequisite: Junior and senior standing.

Daily (1) 9:10-10:00 (Leib)

(2) 10:10-11:00 (Glick)

**S 212 LITERARY WRITING (2)****Teevan**

Writing and criticism of formal and informal essays, various types of articles, reviews, reportage, etc., designed to develop effective expression in an individual and personal style, and to prepare for more advanced writing courses.

Daily 10:10-11:00

**S 213 NARRATIVE WRITING (2)****Huntsberry**

Analysis and writing of narrative, including the short story. Prerequisite: Consent of instructor.

Daily 10:10-11:00

**S 215 ADVANCED EXPOSITORY WRITING (2)****Frierson, Lowers, L. E. Winters****(3 sections)**

Writing of essays on subjects appropriate to the student's intellectual interest. This intensive course is designed for students who desire further training in clear and coherent expression, with emphasis on logical and rhetorical principles, especially modes of definition, assertion, and proof.

Daily (1) 7:45- 8:35 (Frierson)

(2) 10:10-11:00 (Winters)

(3) 10:10-11:00 (Lowers)

**S 231 INTRODUCTION TO POETRY (2)****Felheim**

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 9:10-10:00

**S 235 BACKGROUND OF ENGLISH LITERATURE (3)****Kirtley**

The most important sources of English literature themes and allusions, including the King James Bible and Western European myth and legend.

Daily 10:10-11:25

**S 444 MODERN DRAMATIC LITERATURE (2)****Maltby**

European and American, 1920 on, O'Casey to Miller.

Daily 11:35-12:25

**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 458 SHAKESPEARE (3)** **Whitlock**  
 Shakespeare's plays from *Hamlet* through the last play.  
 Daily 11:35–12:50
- S 480 THE ROMANTIC MOVEMENT IN ENGLAND (2)** **Stempel**  
 Poetry and prose from 1780 to 1832, exclusive of the novel.  
 Daily 9:10–10:00
- S 485 VICTORIAN LITERATURE (3)** **Frierson**  
 Poetry and prose from 1832 to 1900, exclusive of the novel.  
 Daily 10:10–11:25
- S 490 TWENTIETH CENTURY BRITISH NOVEL (3)** **M. C. Solomon**  
 Daily 7:20–8:35
- S 572 AMERICAN LITERATURE: CIVIL WAR TO THE PRESENT (3)** **J. E. Miller**  
 A survey of American Literature from the Civil War to the present.  
 Daily 8:45–10:00
- S 585 LITERATURE OF THE PACIFIC (3)** **Day**  
 The literature of the Pacific islands and Australasia: narratives of voyages and travels, translation of native folk literature, and short stories and novels by such writers as Melville, Stevenson, London, Becke, and Nordhoff and Hall.  
 Daily 8:45–10:00
- S 590 TWENTIETH CENTURY AMERICAN NOVEL (2)** **Stillians**  
 Daily 11:35–12:25
- S 626 ENGLISH INSTITUTE: INTERPRETATION OF LITERATURE (2)** **T. Martin**  
 (Identical with Education SE S 641)  
 Practice in intensive analysis and interpretation of poems, plays, novels, and essays. To be taken concurrently with S 627, S 628, S 629.  
 Daily (1) 8:10– 9:00  
 (2) 11:10–12:00
- S 627 ENGLISH INSTITUTE: COMPOSITION (2)** **Larson**  
 (Identical with Education SE S 642)  
 Analysis of examples of important rhetorical forms and problems; practice in the use of rhetorical patterns and techniques; exercises in definition, explanation, generalization, classification, argument, persuasion; the adaptation of style to subject and audience. To be taken concurrently with S 626, S 628, S 629.  
 Daily (1) 9:10–10:00  
 (2) 11:10–12:00
- S 628 ENGLISH INSTITUTE: LINGUISTIC (2)** **Crymes**  
 (Identical with Education SE S 643)  
 Introduction to the assumptions, principles, terminology, and procedures of modern linguistics, with special attention to the description of English by the structural linguists and the transformationalists. To be taken concurrently with S 626, S 627, S 629.  
 Daily (1) 8:10– 9:00  
 (2) 9:10–10:00
- S 629 ENGLISH INSTITUTE: LABORATORY IN THE TEACHING OF ENGLISH IN SECONDARY SCHOOL (2)** **Gustafson**  
 (Identical with Education SE S 644)  
 Discussion of problems in teaching English in secondary school; development of new approaches and teaching materials; application in secondary school teaching of the material treated in S 626, S 627, S 628. To be taken concurrently with those courses.  
 TTh 1:10–2:00

**S 685 SEMINAR IN ENGLISH LITERATURE: DONNE AND HIS CIRCLE (2)**

## Whitlock

A study of the poetry of John Donne and that of the circle of poets and wits of the Mermaid Tavern, including Ben Jonson, Henry Wotton, Inigo Jones, John Hoskyns, *et al.* A study of the influence of the "coterie" on late Elizabethan poets and of the relative judgment of creative genius arising from a comparison of 17th century critical opinions of these poets and our own.  
MWF 8:45-10:00

**MWF 8:45-10:00**

**S 780 SEMINAR IN AMERICAN LITERATURE: WHITMAN (2)**

**J. E. Miller**

Close reading of the deathbed edition of *Leaves of Grass*, with some attention to earlier editions, especially the 1st (1855) and the 3rd (1860), and with a look at Whitman's precursors and followers. Method: lecture, discussion, papers.

**MWF 10:10-11:25**

## Journalism

**S 239 MASS COMMUNICATIONS (2)**

### Gompertz

**History of popular literature; mass media in modern society; principles of mass communications.**

**Daily 11:35–12:25**

## European Studies

**S 620 STUDY TOUR (5)**

## Pendleton

Lectures on campus and other programs, followed by tour of Copenhagen, Helsinki, Leningrad, Moscow, Odessa, Kiev, Berlin, Frankfurt, Vienna, Venice, Florence, Rome, Pompeii, Lucerne, Interlaken, Paris, London, Stratford-on-Avon, Warwick and Oxford.  
Prerequisite: consent of instructor. Preregistration. June 29–August 12.

## French

**S 101 ELEMENTARY FRENCH (3)**

**Fochtman, Gray**

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

**First 5-week term: June 29–July 31.**

**Daily (1) 8:10-10:00** Laboratory, daily 7:10- 7:55, or 8:10- 8:55,  
(2) 9:10-11:00 or 9:10- 9:55, or 10:10-10:55,  
(3) 10:10-12:00 or 11:10-11:55, or 12:10-12:55

**S 102 ELEMENTARY FRENCH (3)**

**Fochtman, Gray**

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 French. One period of lab drill daily is required. Lab fee \$3.00.

**Second 5-week term: August 3–September 4.**

Daily (1) 8:10-10:00 Laboratory, daily 7:10- 7:55, or 9:10- 9:55,  
(2) 10:10-12:00 or 10:10-10:55, or 12:10-12:55,

**S 151 INTERMEDIATE FRENCH (3)**

## Chinol

Reading, conversation, dictation, grammar review with additional oral practice in the language 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 29–July 31.**

**Daily** (1) 8:10-10:00 Laboratory, daily 7:10- 7:55, or 8:10- 8:55,  
(2) 9:10-11:00 or 10:10-10:55, or 11:10-11:55

## Chinol

Second 5-week term: August 3–September 4.

Daily (1) 8:10-10:00 Laboratory, daily 7:10- 7:55, or 8:10- 8:55,  
(2) 9:10-11:00 or 10:10-10:55, or 11:10-11:55,

Historical and cultural view of French civilization seen through representative readings. French conversation and composition will be stressed. 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 29–July 31.

**Daily 11:10–1:00**      **Laboratory, daily 1:10–1:55**

Continuation of S 211; 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:** August 3–September 4.

**Daily 11:10-1:00**      **Laboratory, daily 1:10-1:55**

**Tuan**

**A survey of man's natural environment; climates, vegetation, soils, and land-forms. Course fee \$1.00.**

**Daily 10:10–11:25**

## Lewthwaite

**Physical character and human use of geographic regions. For prospective teachers. Course fee \$1.00.**

**Daily 11:35–12:50**

**Tuan**

Physical regions of Asia and their human occupancy. Geographic background of current Asian problems. Course fee \$1.00.

**Daily 7:45–8:35**

**Lewthwaite**

**Polynesia (except Hawaii), Micronesia, and Melanesia. Course fee \$1.00.**

**Daily 9:10-10:00**

## Piigangia

**Regional, physical, and cultural geography. Detailed study of the people and resources. Course fee \$1.00.**

Daily 7:45-8:35

**S 150 PHYSICAL GEOLOGY (3)**

Geologic work of oceans, glaciers, streams, wind; rocks and minerals; volcanoes, earthquakes, mountain building. Laboratory study of rocks, minerals, geologic, topographic maps and sections. Laboratory fee \$1.00.

**Daily 9:10–10:00** Laboratory, MW 1:10–4:00

## Chamberlain

**A survey of marine geologic processes and forms. Field work involving marine geologic equipment and techniques. Prerequisite: Consent of instructor.**

**MTThF 8:10-9:25**

**W 1:10–5:00** Field expeditions

## German

### **S 101 ELEMENTARY GERMAN (3)**

**Michalski, Moore**

An intensive course in reading, writing, conversation and grammar with additional oral practice in language 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 29–July 31.

Daily (1) 9:10–11:00      Laboratory, daily 8:10– 8:55, or 9:10– 9:55,  
(2) 10:10–12:00      or 11:10–11:55, or 12:10–12:55

### **S 102 ELEMENTARY GERMAN (3)**

**Moore**

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: August 3–September 4.

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

### **S 153 INTERMEDIATE: SCIENCE GERMAN (3)**

**Mueller**

Accurate reading over a wide range of subjects. Emphasis on sentence construction and vocabulary building. The equivalent of a full semester's work in the academic year.

First 5-week term: June 29–July 31.

Daily 11:10–1:00

### **S 154 INTERMEDIATE: SCIENCE GERMAN (3)**

**Mueller**

Continuation of S 153; equivalent of the second semester's work in the academic year. Students passing this course will have fulfilled the college language requirement.

Second 5-week term: August 3–September 4.

Daily 11:10–1:00

## 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 29–July 31.

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

### **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: August 3–September 4.

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

## Hindi

### **S 101 ELEMENTARY HINDI (3)**

**Baumer**

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 29–July 31.

Daily 10:10–12:00      Laboratory, daily 12:10–12:55

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

**Baumer**

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: August 3–September 4.

Daily 10:10–12:00      Laboratory, daily 12:10–12:55

**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 29–July 31.

Daily 11:10–1:00 Laboratory, daily 1:10–1:55

**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: August 3–September 4.

Daily 11:10–1:00 Laboratory, daily 1:10–1:55

## History

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

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 29–July 31.

Daily 8:30–10:00

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

Continuation of the history of world civilization from the seventeenth century to the present day.

Second 5-week term: August 3–September 4.

Daily 8:30–10:00

**S 171 INTRODUCTION TO AMERICAN HISTORY (3)****Hunter**

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

Daily 11:35–12:50

**S 399 DIRECTED READING (Ar.)****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.

**S 463 HISTORY OF THE UNITED STATES 1877 TO 1920 (2)****D. D. Johnson**

A detailed political, economic, and social survey of the history of the American people, 1877 to 1920.

Daily 7:45–8:35

**S 464 HISTORY OF THE UNITED STATES 1920 TO THE PRESENT (2)****D. D. Johnson**

A detailed political, economic, and social survey of the history of the American people, 1920 to the present.

Daily 10:10–11:00

**S 472 DIPLOMATIC HISTORY OF THE UNITED STATES (2)****Neumann**

History of American foreign policy, with emphasis upon recent developments.

Daily 9:10–10:00

**S 515 THE UNITED STATES AND HISPANIC AMERICA (2)****Neumann**

Development of political and economic problems and policies in inter-American relations.

Daily 11:35–12:25

**S 532 HISTORY OF CHINA SINCE 1800 (2)**

Response to Western culture; recent revolutionary changes.

Daily 10:10–11:00

**S 542 HISTORY OF JAPAN (2)****Sakai**

Historical survey of Japanese culture, government, economics, institution. From 1600 to the present.  
Daily 10:10-11:00

**S 561 HISTORY OF THE ARAB MIDDLE EAST (2)****Gallagher**

A survey beginning with Pre-Islamic Arabia and continuing with the rise of the Islam, the Arab conquest and expansion, and the Caliphate until 1258; the decline and the renaissance of the 19th century; the appearance of independent Arab states in the 20th century. Considerable attention will be given to problems of pan-Arab unity and conflicting localisms from the earliest times until today.  
Daily 9:10-10:00

**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 637 THE PROGRESSIVE PERIOD IN AMERICAN HISTORY (2)****Margulies**

Research in problems relating to the rise, character, and decline of the Progressive Movement, 1872 to 1924.  
Hrs. Arr.

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

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

**S 665 SEMINAR IN JAPANESE HISTORY (2)****Sakai**

Main fields of Japanese historical research; principal sources of bibliographical information; selected problems in modern Japanese history.  
Daily 7:45-8:35

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

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

**S 711 SEMINAR IN HISTORICAL METHOD (3)****McCutcheon**

Training in the evaluation of sources and the preparation of theses.  
Daily 11:35-12:50

## **Home Economics**

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

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-hr. lecture period and two 2½-hr. 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.  
Lecture: M 10:30-12:30    Laboratory (1) TTh 10:10-12:50  
(2) WF 10:10-12:50

**S 418 COSTUMES OF ASIA (3)****Umbel**

Historical development and characteristic features of traditional and folk costumes and fabrics of China, Japan, Korea, Philippines, India and Southeast Asia in relation to customs and culture. Impact of Western influence on contemporary costumes. Slides, pictures, costumes, guest lecturers and exhibits.  
Daily 10:10-11:25

## 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 29–July 31.

Daily 10:10–12:00    Laboratory, daily 12:10–12:55

### **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: August 3–September 4.

Daily 10:10–12:00    Laboratory, daily 12:10–12:55

### **S 151 INTERMEDIATE INDONESIAN (3)**

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 29–July 31.

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

### **S 152 INTERMEDIATE INDONESIAN (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: August 3–September 4.

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

## Institute of American Studies

The following courses are open only to students accepted for enrollment in the institute. For information on the institute, see page 18.

### **History S 699 DIRECTED RESEARCH (1)**

Individual research in American history.

### **History S 731 ADVANCED PROBLEMS AND READING IN AMERICAN HISTORY (3)**

Interpretations and literature of important problems of American history.

## Institute on Asian Studies

For the basic courses to be taken by all enrollees in this institute, see S 610 and S 611 under Asian Studies. For a list of 2-credit courses from which an additional course is to be selected, consult the Institute Director. See page 19.

## English Language Institute

Four levels of intensive courses in English for foreign students who wish to improve their English proficiency. The institute offers training in listening, speaking, reading, and writing. Additional language laboratory work is required. For information write to Professor Donald I. Dickinson, Director, English Language Institute, East-West Center, University of Hawaii, Honolulu, Hawaii 96822.

## **Institute in Radiation Biology for College Teachers**

For information on the institute, see page 19.

### **Zoology S 622 USE OF ISOTOPE TRACERS IN BIOLOGY (3)**

A survey of the physical basis of radiation, the isotopes, the application of radioisotopes to the study of biological problems.

### **Zoology S 624 ECOLOGICAL MARINE BIOLOGY (3)**

A general course in marine biology emphasizing the ecological aspects of the local marine environment and the application of radiation biology to marine science.

## **Institute for High School Teachers of Science and Mathematics**

For information on the institute, see page 19.

### **Biology**

#### **Botany S 154 GENERAL GENETICS (3)**

Scientific basis of inheritance from viruses and man, including recent developments in the understanding of gene action and the nature of genes. Applications of genetics to improvement of plants and animals, and brief reference to genetics and human welfare. For high school teachers of biology.

#### **Zoology S 431 BIOSTATISTICS (3)**

Elementary statistical methods; confidence interval, chi-square,  $t$  test, normal distribution, regression, correlation. For high school teachers of biology. Prerequisite: college algebra.

### **Geophysical Sciences**

#### **Physics S 110 ASTRONOMY (3)**

Introduction to the nature of the astronomical universe; relationship of the earth and its neighbors to the universe of stars and galaxies. For teachers of general science. Occasional use of the Planetarium and Observatory.

#### **Earth Sciences S 100 EARTH SCIENCES (3)**

A survey of the physical state of the earth with emphasis on local manifestations of phenomena in the fields of geology, hydrology, oceanography, and meteorology. For teachers of general science.

## **Institute in Science for Elementary Supervisors and Teachers**

For information on the institute, see page 20.

### **Science S 130 MODERN SCIENCE (3)**

Broad background course. Materials taken from all areas of science with particular attention to content appropriate for elementary school personnel.

### **Education EE S 523 PROBLEMS IN ELEMENTARY SCIENCE TEACHING (2)**

Ways in which the curriculum of the elementary school can utilize and incorporate recent scientific developments; examination of existing and preparation of new curricular materials; evaluation of newer teaching techniques; discussion of trends in science education; analysis of essential equipment and supplies for science classrooms.



## **Institute for Secondary School Publications Advisers**

For information on the institute, see page 20.

### **Education SE S 630 SECONDARY SCHOOL PUBLICATIONS (4)**

Principles and practices of planning and publishing secondary school newspapers, year-books, literature magazines, and other publications. Special attention to the problems and responsibilities of publication advisers in secondary schools. Prerequisite: consent of instructor, SE 330 or equivalent methods course.

Additional two credits to be chosen from courses in either English or Journalism.

## **Institute for Secondary School Teachers of English**

For information on the Institute, see page 20. For description of courses, see pp. 45 to 46; and p. 49.

### **English S 626 ENGLISH INSTITUTE: INTERPRETATION OF LITERATURE (2)** (Identical with Education SE S 641)

### **English S 627 ENGLISH INSTITUTE: COMPOSITION (2)** (Identical with Education SE S 642)

### **English 628 ENGLISH INSTITUTE: LINGUISTICS (2)** (Identical with Education SE S 643)

### **English S 629 ENGLISH INSTITUTE: LABORATORY IN THE TEACHING OF ENGLISH IN SECONDARY SCHOOL (2)** (Identical with Education SE S 644)

## **Institute in Speech for High School Students and Teachers**

For information on the institute, see page 20.

### **Speech S 465 ORGANIZATION AND ADMINISTRATION OF HIGH SCHOOL SPEECH PROGRAMS (4)** (Identical with Education SE S 465)

A study of the philosophy, organization, and administration of speech activities and festivals, including debate, discussion, extemporaneous speaking, and the interpretative arts. Practical training in coaching, judging, and administering speech programs. Recommended for high school speech and English teachers and for juniors and seniors who wish to teach speech at the secondary level.

## **Nursing Workshop: Newer Dimensions of Patient Care**

For information on the workshop, see page 21.

## **Japanese**

### **S 101 ELEMENTARY JAPANESE—CONVERSATION (3)**

Fujioka, Mirikitani, Hirai

An intensive course equivalent to the first semester's conversation course in the academic



**S 211 THIRD YEAR JAPANESE (3)**

**Uyehara**

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. Pre-requisite: Japanese 154 or equivalent.

First 5-week term: June 29–July 31.

Daily 11:10–1:00

**S 212 THIRD YEAR JAPANESE (3)**

**Uyehara**

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

Second 5-week term: August 3–September 4.

Daily 11:10–1:00

**S 417 FOURTH YEAR JAPANESE (3)**

**Yasuda**

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.

First 5-week term: June 29–July 31.

Daily 9:10–11:00

**S 418 FOURTH YEAR JAPANESE (3)**

**Yasuda**

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

Second 5-week term: August 3–September 4.

Daily 9:10–11:00

## **Korean**

**S 101 ELEMENTARY KOREAN (3)**

**Henthorn**

An intensive course equivalent to the first semester's work in the academic year. Emphasis on conversation. One period of laboratory drill daily is required. Lab fee \$3.00.

First 5-week term: June 29–July 31.

Daily 11:10–1:00      Laboratory, daily 1:10–1:55

**S 102 ELEMENTARY KOREAN (3)**

**Henthorn**

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: August 3–September 4.

Daily 11:10–1:00      Laboratory, daily 1:10–1:55

**S 151 INTERMEDIATE KOREAN (3)**

An intensive course equivalent to the first semester's work in the academic year. Conversation, reading, writing. Some Chinese characters. One period of laboratory drill daily is required. Lab fee \$3.00.

First 5-week term: June 29–July 31.

Daily 10:10–12:00      Laboratory, daily 12:10–1:00

**S 152 INTERMEDIATE KOREAN (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: August 3–September 4.

Daily 10:10–12:00      Laboratory, daily 12:10–1:00

## **Linguistics**

**S 620 INTRODUCTION TO LINGUISTIC ANALYSIS (3)**

**Tsuzaki**

An intensive introduction to modern techniques of linguistic analysis.

Daily 10:10–11:25

# Mathematics

- S 101 INTERMEDIATE ALGEBRA (3)** **Brixey**  
 (2 sections)  
 Daily 7:20– 8:35  
 8:45–10:00
- S 102 PLANE TRIGONOMETRY (3)** **Spiller, Staff**  
 (3 sections)  
 Prerequisite: two years of high school algebra or Math 101; one year of plane geometry.  
 Daily 7:20– 8:35 (Spiller)  
 8:45–10:00 (Spiller)  
 8:45–10:00 (Staff)
- S 103 COLLEGE ALGEBRA (3)** **Bennet, Staff**  
 (4 sections)  
 Prerequisite: facility in trigonometry or concurrent registration in Math 102.  
 Daily 7:20– 8:35 (Bennet)  
 7:20– 8:35 (Staff)  
 10:10–11:25 (Bennet)  
 10:10–11:25 (Staff)
- S 111 INTRODUCTION TO MATHEMATICS (3)** **Miura, Garcia, Staff**  
 (3 sections)  
 To acquaint the nonspecialist with the position of mathematics in modern culture.  
 Daily 10:10–11:25 (Miura)  
 11:35–12:50 (Garcia)  
 11:35–12:50 (Staff)
- S 112 ALGEBRA (3)** **Staff**  
 A deductive treatment of elementary and intermediate algebra, emphasizing the concepts of function, identity, and equation. Prerequisite: Math 111 or equivalent.  
 Daily 8:45–10:00
- S 113 TRIGONOMETRY AND ANALYTIC GEOMETRY (3)** **Staff**  
 Periodicity, trigonometric functions, elementary identities; analytic geometry of the line, circle, and parabola. Prerequisite: Math 112 or equivalent.  
 Daily 11:35–12:50
- S 114 CALCULUS (3)** **Staff**  
 An intuitive introduction to the derivative, the definite integral, and their applications. Prerequisite: Math 113 or equivalent.  
 Daily 10:10–11:25
- S 140 ANALYTIC GEOMETRY AND CALCULUS (3)** **Iha, Miura**  
 (2 sections)  
 Topics of analytic geometry and calculus which supplement each other. Prerequisite: Math 103 or 2 years of high school algebra and trigonometry.  
 Daily 8:45–10:00 (Iha)  
 11:35–12:50 (Miura)
- S 141 ANALYTIC GEOMETRY AND CALCULUS (3)** **Siu**  
 (2 sections)  
 Continuation of Math 140 with emphasis on the integral calculus. Prerequisite: Math 140.  
 Daily 7:20– 8:35  
 8:45–10:00

**S 142 CALCULUS (3)**

**Mookini**

Techniques of integration with applications. Prerequisite: Math 141.  
Daily 8:45–10:00

**S 143 CALCULUS (3)**

**Mookini**

Partial differentiation, multiple integration and elementary differential equations. Prerequisite: Math 142.  
Daily 10:10–11:35

**S 421 INTRODUCTION TO MODERN ALGEBRA (3)**

**Townes**

Matrices, determinants, groups, properties of number systems, and the theory of fields. Prerequisite: Math 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

**S 471 PROBABILITY (3)**

**Walsh**

Probability laws, discrete and continuous probability distributions, expectations, moments, cumulants, generating functions. Prerequisite: Math 143.  
Daily 8:45–10:00

**S 472 STATISTICAL INFERENCE (3)**

**Walsh**

Sampling and parameter estimation, tests of hypotheses, correlation, regression, analysis of variance, sequential analysis, rank order statistics. Prerequisite: Math 471.  
Daily 10:10–11:25

## **Medical Technology**

**S 266 MEDICAL TECHNOLOGY (2)**

**Wulff**

Student technician training in a cooperating laboratory under the supervision of a qualified director.  
Hrs. arr.

## **Mental Health**

**S 200 MENTAL HEALTH AND MENTAL RETARDATION WORK-STUDY PROGRAM (5)** **Schnack**

Study, observation, and supervised field experience of the emotionally and socially mal-adjusted, the mentally ill, and the mentally retarded in community and institutional settings. June 29–August 28.

## **Microbiology**

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

**Benedict**

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

**S 140 MICROBIOLOGY LABORATORY (2)****Chu**

Emphasis on organisms and technical aspects of medical importance. For students in nursing and dental hygiene. Prerequisite: credit or registration in Microbiology 130. Lab fee \$6.00.  
MWF 1:10-4:00

**S 640 BACTERIAL GENETICS (4)****Gots**

Principles with emphasis on molecular genetics in terms of genetic coding, replication and transcription of nucleic acids, and translation into protein structure; bacterial mutations and action of mutagenic agents; and mechanisms of genetic transfer and exchange. Lab fee \$10. Lecture: MTThF 9:10-10:00 Laboratory TTh 10:10-12:00 and additional hrs. arr.

## **Music**

**S 111 GROUP VOICE INSTRUCTION (1)****Vine**

Basic principles of voice production and elementary music skills in classes of twenty.  
Daily 7:45-8:35

**S 140 RECREATIONAL MUSIC (2)**  
(2 sections)**Mundy**

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 (Mundy)

**S 150 ELEMENTARY MUSICIANSHIP (3)****Uchima**

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 151 STRING METHODS (2)****Landsman**

Basic skills and teaching methods for stringed instruments. For students preparing to teach instrumental music.  
Daily 9:10-10:00

**S 152 STRING METHODS (2)****Landsman**

Basic skills and teaching methods for stringed instruments. For students preparing to teach instrumental music.  
Daily 9:10-10:00

**S 153 WOODWIND METHODS (2)****Uchima**

Basic skills and teaching methods for woodwind instruments. For students preparing to teach instrumental music.  
Daily 7:45-8:35

**S 155 PERCUSSION METHODS (2)****A. K. Russell**

Basic skills and teaching methods for percussion instruments. For students preparing to teach instrumental music.  
Daily 11:35-12:25

**S 160 INTRODUCTION TO MUSIC LITERATURE (3)****Vaught**

Orchestral literature from the classical through the modern period. From the listener's point of view. Course fee \$2.00.  
Daily 10:10-11:25

- S 200 UNIVERSITY CHORUS (1)** **Vine**  
Daily 11:35–12:35
- S 253 MUSIC, ELEMENTARY CURRICULUM (3)** **Paul**  
Organization and direction of music in childhood experience. Materials and procedures. Prerequisite: Music 150 or equivalent and consent of instructor. Limited enrollment. Daily 7:20–8:35
- S 450 MUSIC FOR ELEMENTARY TEACHERS (2)** **Paul**  
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 11:35–12:25
- S 451 ADVANCED STRING METHODS (2)** **Landsman**  
Advanced playing, teaching technique, and materials of string instruments. Prerequisite: Music 152. Daily 9:10–10:00
- S 452 ADVANCED WOODWIND METHODS (2)** **Uchima**  
Advanced playing, teaching technique, and materials of woodwind instruments. Prerequisite: Music 153. Daily 7:45–8:35
- S 473 POLYNESIAN MUSIC (2)** **Vaught**  
An historical survey of the indigenous music of the Polynesian islands, especially New Zealand, Samoa, Tahiti, the Cooks, the Marquesas, the Tuamotus and Hawaii. Recordings, slides, lectures and museum trips. Daily 9:10–10:00
- S 650 PROBLEMS IN MUSIC EDUCATION (2)** **Tipton**  
Study of choral instrumental and general music at elementary and secondary school levels. Research, reports, and conferences. Prerequisite: teaching experience. Daily 11:35–12:25
- S 653 FOUNDATIONS AND PROCEDURES FOR MUSIC IN ELEMENTARY SCHOOL (3)** **Tipton**  
Procedures, materials, concepts and issues in elementary school music. Prerequisite: Graduate standing, teaching experience, or consent of instructor. Daily 8:45–10:00
- S 654 PACIFIC AND ASIAN MUSIC IN EDUCATION (3)** **Smith**  
Songs, dances, musical instruments of Hawaii and Asia for grades 4, 5, 6. Prerequisite: Teaching experience, or consent of instructor. Rehearsal hours arranged. Daily 10:10–11:25

### Applied Music

- S 121(11) CLASS VOICE INSTRUCTION (1)**  
Class instruction in voice. Practice facilities in Music Building. Course fee \$20.00. Hrs. arr.
- S 121(23) CLASS KOTO INSTRUCTION (1)**  
Class instruction in koto. Practice facilities in Music Building. Course fee \$20.00. Hrs. arr.
- S 121(31) CLASS STRING INSTRUCTION (1)** **Landsman**  
Class instruction in strings. Practice facilities in Music Building. Course fee \$20.00. Hrs. arr.

- S 121(71) CLASS JAPANESE DANCE INSTRUCTION (1)** **Arai**  
 Class instruction in Japanese dance. Daily. 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 7:45-8:35
- S 123 INTERMEDIATE CLASS PIANO (1)** **Saclausa**  
 (2 sections)  
 Class instruction at the intermediate level in piano. Continuation of 122. Course fee \$20.00.  
 Daily 9:10-10:00  
 10:10-11:00
- 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(21) INDIVIDUAL INSTRUCTION (1)**  
 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)** **Herand**  
 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)**  
 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)**  
 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 131(71) INDIVIDUAL INSTRUCTION (1)**

**Arai**

Japanese dance. 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(73) INDIVIDUAL INSTRUCTION (1)**

**Valentin**

Filipino dance. 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**

Advanced individual instruction in

- |                     |                     |
|---------------------|---------------------|
| (11) voice          | (41) woodwind       |
| (12) Hawaiian chant | (51) brass          |
| (21) piano          | (61) percussion     |
| (22) organ          | (71) Japanese dance |
| (23) koto           | (72) Korean dance   |
| (31) string         | (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 8:45–10:00

**S 150 HISTORY OF PHILOSOPHY (3)**

**Haynes**

Western philosophy from the era of great Greek thinkers to the Renaissance. Prerequisite: sophomore standing.  
Daily 7:20–8:35

**S 430 LOGIC (3)**

**Resnik**

Principles of deductive and inductive logic, traditional and modern.  
Daily 8:45–10:00

**S 450 INTRODUCTION TO INDIAN PHILOSOPHY (3)**

**Saksena**

Philosophical systems and movements: the Vedas, Upanishads, Six systems of Hinduism, Charvaka, Jainism, Buddhism.  
Daily 10:10–11:25

**S 460 INTRODUCTION TO BUDDHIST PHILOSOPHY (3)**

**Inada**

Survey of the basic schools and tenets of Buddhist philosophy.  
Daily 7:20–8:35

**S 470 INTRODUCTION TO CHINESE PHILOSOPHY (3)**

**C. Y. Cheng**

Historical survey of the important philosophical schools and tendencies in China, ancient and modern.  
Daily 7:20–8:35

**S 475 PROBLEMS IN INDIAN PHILOSOPHY (2)**

**Raju**

An advanced course examining some of the basic metaphysical, methodological and ethical problems encountered in the study of Indian philosophy. Prerequisite: A basic elementary knowledge of the field.  
Daily 7:45–8:35

**S 476 PROBLEMS IN CHINESE PHILOSOPHY (2)****Chen**

An advanced course examining some of the basic metaphysical, methodological and ethical problems encountered in the study of Chinese philosophy. Prerequisite: A basic elementary knowledge of the field.

Daily 7:45-8:35

**S 477 PROBLEMS IN BUDDHIST PHILOSOPHY (2)****Nakamura**

An advanced course examining some of the basic metaphysical, methodological and ethical problems encountered in the study of Buddhist philosophy. Prerequisite: A basic elementary knowledge of the field.

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 680 SEMINAR IN COMPARATIVE EAST-WEST METAPHYSICS (2)****Bhattacharyya, Ueda, Werkmeister**

A consideration of basic principles of the metaphysics of India, China, Buddhism, and the West in comparative perspective. Methods of treatment will vary according to the preference of the instructors in each case. Restricted to members of Fourth East-West Philosophers' Conference.

Daily 11:35-12:25

**S 681 SEMINAR IN COMPARATIVE EAST-WEST ETHICS (2)****Kruse, Hsieh, Dasgupta**

A consideration of basic principles of the ethics of India, China, Buddhism, and the West in comparative perspective. Methods of treatment will vary according to the preference of the instructors in each case. Restricted to members of Fourth East-West Philosophers' Conference.

Daily 11:35-12:25

## 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, photogram, specializations; photo-journalism; illustration; advertising, industrial, scientific, touristic photography; portraiture. Darkroom laboratory. Course fee \$1.00.

TTh 1:00-3:00

## Physics

**S 160 COLLEGE PHYSICS (4)****Eliason**

Fundamental principles, theories, experimental methods. Prerequisite: Math 102 and credit or registration in Mathematics 103. Course fee \$6.00.

Daily 8:30-10:00 Laboratory, MW 1:00-5:00

## Political Science

### **S 110 INTRODUCTION TO GOVERNMENT (3)**

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 360 INTRODUCTION TO INTERNATIONAL RELATIONS (3)**

Levi

A survey of the major historical, political, and social forces which influence the relations among nations.  
Daily 10:10-11:25

### **S 382 CAMPAIGNS AND ELECTIONS (2)**

Fenton

Management and conduct of elections, with attention to techniques employed by candidates for public office. Field investigations.  
Daily 11:35-12:25

### **S 443 GOVERNMENT AND POLITICS OF CHINA AND JAPAN (3)**

O. M. Lee

Changing patterns of government; emphasis on problems faced and the institutional, ideological, and political answers created through time.  
Daily 11:35-12:50

### **S 449 GOVERNMENT AND POLITICS OF ARAB AFRICA (2)**

Gallagher

Political development and change in Egypt beginning from the Napoleonic invasions; the rise of Egyptian and Arab nationalism. The aims of nationalist movements in the North African Arab states and the structures of the independent governments established there. Present-day relations between Arab Africa and Black Africa, Europe, and the Afro-Asian bloc will be treated.  
Daily 11:35-12:25

### **S 450 GOVERNMENT AND POLITICS OF POLYNESIA (3)**

Meller

Introduction to Polynesian culture and native government, covering indigenous political structure and the introduction of Western political forms; American, English, and French colonial policy in the Polynesian Triangle; modern government and politics in the American (Hawaii, American Samoa), English (New Zealand, Fiji, Ellice Is., Cook Is., Tonga, Western Samoa), and French (Marquesas, Society Is.) spheres; consideration of the future of Polynesia as viewed from the international scene. (South Pacific Educational Cruise, August 6-September 11). See p. 21.

### **S 463 INTERNATIONAL RELATIONS OF SOUTH AND SOUTHEAST ASIA (2)**

Levi

Emergence from colonialism of these new states. "Neutralism"; intra-regional struggles; cooperation; Afro-Asian block; United Nations' activities.  
Daily 7:45-8:35

### **S 500 PUBLIC ADMINISTRATION (3)**

Fenton

Relationship of administration to policy-forming agencies and to the courts; structure of administration; devices for integration; related materials.  
Daily 8:45-10:00

### **S 602 ASIAN POLITICAL THOUGHT (3)**

Gadbois

A study of the major political and intellectual thought patterns as they reflect and influence governments in Asia.  
Daily 7:20-8:35

### **S 603 FOREIGN POLICY OF MAINLAND CHINA (2)**

O. M. Lee

The basic goals of Mainland China's foreign policy, the interrelationship among them, and the resultant strategies and tactics.  
Daily 10:10-11:00

**S 684 POLITICS AND ADMINISTRATION OF EDUCATIONAL POLICY (3)****Cahill**

(Identical with Education Ad S 684)

Political conditions under which educational administration takes place and their effects upon educational organization and policy.

Daily 10:10–11:25

## **Psychology**

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

**S 102 GENERAL PSYCHOLOGY (4)****R. C. Johnson**

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; TTh 10:10–12:00

**S 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 8:45–10:00

**S 220 STATISTICAL TECHNIQUES (2)****Weaver**

Types of data; graphic methods; central tendency; variability; correlations, reliability; tests of significance. Prerequisite: two years of high school algebra or Math 101.

Daily 7:45–8:35

**S 250 DEVELOPMENTAL PSYCHOLOGY (3)****Staff**

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 304 PSYCHOLOGY OF MOTIVATION (2)****Beecroft**

Instinct, drive, motives, emotion, attitudes; their biological bases, modification, organization.

Daily 9:10–10:00

**S 306 PSYCHOLOGY OF LEARNING (3)****Staff**

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 362 SOCIAL PSYCHOLOGY (3)****Kelley**

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

Daily 8:45–10:00

**S 440 PHYSIOLOGICAL PSYCHOLOGY (3)****Beecroft**

Physiological explanation of behavior in terms of sense organs, the nervous system, muscles, and glands.

Daily 11:35–12:50

**S 480 ABNORMAL PSYCHOLOGY (2)****R. C. Johnson**

Nature and causes of psychoneuroses and psychoses; abnormalities of intelligence; incipient abnormal traits manifested in everyday life; psychotherapy.

Daily 10:35–11:25

- S 600(1) SEMINAR: GENERAL (2)** **Staff**  
 Methods and problems in the psychology of learning.  
 Daily 7:45–8:35
- S 600(6) SEMINAR: PERSONALITY (2)** **Edwards**  
 Methods and problems of research in personality development and organization.  
 Daily 9:10–10:00
- S 600(7) SEMINAR: SOCIAL PSYCHOLOGY (2)** **Kelley**  
 Methods and problems of research in social psychology.  
 Daily 10:35–11:25
- S 600(8) SEMINAR: DEVELOPMENTAL (2)** **Staff**  
 Problems in developmental psychology.  
 Daily 12:00–12:50
- S 600(11) SEMINAR: COUNSELING (2)** **Staff**  
 New developments in rehabilitation counseling.  
 Daily 7:45–8:35
- S 614 THEORY (3)** **Royce**  
 Examination of current theoretical systems. Special attention to meaning and uses of theory, theory construction and basic concepts.  
 Daily 11:35–12:50
- S 620 QUANTITATIVE METHODS I (3)** **Edwards**  
 Basic concepts and techniques in psychological statistics and research design.  
 Daily 11:35–12:50
- S 626 QUANTITATIVE METHODS III (2)** **Royce**  
 Scaling theory, test theory, factor analysis. Prerequisites: 220, 226 or consent of instructor.  
 Daily 9:10–10:00
- S 779 PSYCHOLOGY OF REHABILITATION (3)** **Staff**  
 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)** **Aoki**  
 An introduction to the basic ideas and issues of contemporary religious thought as they are related to the question, "What is the meaning of existence?" Among the issues to be discussed are the meaning of man's search for himself; the nature of man; the content of such basic concepts of 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 EXISTENTIAL INTERPRETATION OF BIBLICAL FAITH (2)**

**Seifert**

An interpretation of biblical faith on the basis of critical theological thought and existential analysis with reference to the visual arts and literature.  
Daily 11:35–12:25

## **Russian**

**S 101 ELEMENTARY RUSSIAN (3)**

**Keller**

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 29–July 31.

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

**S 102 ELEMENTARY RUSSIAN (3)**

**Keller**

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: August 3–September 4.

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

## **Science**

**S 202 ELEMENTARY ASTRONOMY (4)**

**J. A. Russell**

Descriptive survey of the explorable universe. The earth as an astronomical body, time, calendar, seasons, moon, eclipses, other planets and their satellites, comets, meteors, meteorites, sun, other stars, nebulae, our galaxy, other galaxies. Current cosmological theories. Instruments of the astronomer. For non-science majors.

Daily 8:30–10:00

## **Social Work**

**S 300 THE FIELD OF SOCIAL WORK (3)**

**Merritt**

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

Daily 8:45–11:15    June 29–July 15

## **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)**

**Mack**

Basic social relationships, norms, social structures, processes affecting social change. Not open to juniors or seniors.

Daily 10:10–11:25

**S 201 PRINCIPLES OF SOCIOLOGY (3)**

**Ikeda**

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 10:10–11:25

- S 232 COMMUNITY FORCES IN HAWAII (3)** **Hormann**  
 Basic factors and forces in contemporary society as exemplified in Hawaii. Course fee \$2.00.  
 Daily 11:35-12:50
- S 444 PEOPLE AND INSTITUTIONS OF CHINA (2)** **C. K. Cheng**  
 Analysis of social philosophies and their influence on basic institutions and traits of the people. Impacts of Western culture and Communism. Social change under the People's Democratic Dictatorship.  
 Daily 10:10-11:00
- S 450 RACE AND CULTURE CONTACTS IN HAWAII (3)** **Lind**  
 Dominant conceptions of race and race relations; analysis of factors affecting them. Problems in a commercial and plantation frontier.  
 Daily 11:35-12:50
- S 452 RACE RELATIONS IN THE PACIFIC (2)** **Lind**  
 Survey of typical situations of race and culture contacts in the Pacific area.  
 Daily 9:10-10:00
- S 464 SOCIAL INSTITUTIONS (2)** **Wittermans**  
 Culture as a conceptual tool. Origin, structure, function, and growth of institutions. Interrelation and integration.  
 Daily 7:45-8:35
- S 472 THE FAMILY (3)** **C. K. Cheng**  
 Culturally distinctive family types as background for analysis and interpretation of the American family.  
 Daily 8:45-10:00
- S 480 SOCIOLOGY OF RELIGION (2)** **Hormann**  
 Structure, function, and dynamics of religion in various types of society.  
 Daily 9:10-10:00
- S 486 INDUSTRIAL SOCIOLOGY (2)** **Mack**  
 Status system in industry. Problems of group adjustment. Factors affecting industrial morale. Sociology of industrial conflict.  
 Daily 9:10-10:00
- S 500 SOCIAL DISORGANIZATION (2)** **Barker**  
 Factors in community, institution, and group disorganization; behavioral deviancy and social pathology. An integrated approach to social problems.  
 Daily 10:10-11:00
- S 506 CRIMINOLOGY (3)** **Barker**  
 Nature, causes, and treatment of crime. Apprehension, probation, prosecution, prison administration, parole. Correction and rehabilitation.  
 Daily 7:20-8:35
- S 520 SOCIAL CONTROL (3)** **Wittermans**  
 Analysis of the processes by which individuals become amenable to social and mass definitions of conduct and behavior.  
 Daily 10:10-11:25
- S 544 SOCIAL CHANGE (2)** **Ikeda**  
 Structural-functional organization. Impact of technology on institutions, value orientation, power structures, system of role and stratification.  
 Daily 7:45-8:35

## Spanish

### S 101 ELEMENTARY SPANISH (3)

An intensive course in reading, writing, conversation and grammar with additional oral drill in language 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 29–July 31.

Daily (1) 8:10–10:00      Laboratory, daily 7:10– 7:55, or 8:10– 8:55,  
(2) 9:10–11:00                      or 10:10–10:55, or 11:10–11:55

### 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: August 3–September 4.

Daily (1) 8:10–10:00      Laboratory, daily 7:10– 7:55, or 8:10– 8:55,  
(2) 9:10–11:00                      or 10:10–10:55, or 11:10–11:55

### S 151 INTERMEDIATE SPANISH (3)

Knowlton

Reading, conversation, some grammar and composition with additional oral drill in language 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 29–July 31.

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

### S 152 INTERMEDIATE SPANISH (3)

Knowlton

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: August 3–September 4.

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

### S 258 ADVANCED CONVERSATION AND COMPOSITION (3)

Holton

Designed to develop skill in oral expression and composition. 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 29–July 31.

Daily 11:10–1:00      Laboratory, daily 1:10–1:55

### S 259 ADVANCED CONVERSATION AND COMPOSITION (3)

Holton

Continuation of S 258; 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: August 3–September 4.

Daily 11:10–1:00      Laboratory, daily 1:10–1:55

## Speech

### S 110 SOUNDS OF ENGLISH FOR PROSPECTIVE TEACHERS (1)

Gordon, Hervey

(2 sections)

Sounds and rhythms of General American speech. Techniques for correction of faulty pronunciation and improvement of rhythm. Course fee \$1.00.

Daily 10:10–11:00 (Hervey)  
11:35–12:25 (Gordon)

### S 130 READING ALOUD (3)

Linn

Study of the relationships between silent and oral reading with intensive practice in getting and giving the meaning from the printed page.

Daily 11:35–12:50



**S 140 FUNDAMENTALS OF ORAL COMMUNICATION (2)** L. E. Watson, Linn, Pic'l, Rives, Sloan  
(6 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 (Rives)  
9:10-10:00 (Watson)  
10:10-11:00 (Sloan)  
10:10-11:00 (Pic'l)  
11:35-12:25 (Linn)  
11:35-12:25

**S 150 PUBLIC SPEAKING (3)** Pic'l, Rives, Sloan  
(3 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 (Sloan)  
10:10-11:25 (Rives)  
11:35-12:50 (Pic'l)

**S 210 PHONETICS (3)** E. Carr

The phonology of American English; standards of pronunciation; dialects; teaching problems posed by Hawaii's particular linguistic background.

Daily 10:10-11:25

**S 270 INTRODUCTION TO BROADCASTING (2)**

Analysis and survey of radio and television as communications media and as industries.

Daily 11:35-12:25

**S 271 RADIO PRODUCTION\* (3)** Highlander

Programs and analysis of techniques. Announcing and use of equipment; basic control; performance. Prerequisite: Speech 270 or consent of instructor.

Daily 10:10-11:25

**S 365 SPEECH FOR THE CLASSROOM TEACHER (3)** Breneman, Gordon, Hervey, Ritter, Watson  
(6 sections)

Pedagogy for the classroom teacher. Integration of speech improvement in the curriculum; speech problems of Hawaii.

Daily 7:20- 8:35 (Watson)	Elementary
8:45-10:00 (Breneman)	Secondary
8:45-10:00 (Hervey)	Elementary
10:10-11:25 (Gordon)	Secondary
10:10-11:25 (Ritter)	Elementary
11:35-12:50 (Breneman)	Secondary

**S 421 ORGANIC DISORDERS OF SPEECH (3)** Ritter

Study of disorders resulting from organic anomalies; cleft palate, cerebral palsy, laryngectomy, and brain injury. Prerequisites: 220, 221.

Daily 11:35-12:50

**S 480 GROUP LEADERSHIP AND DISCUSSION (3)**

Principles and techniques of effective group leadership and human relations; semantic and psychological barriers to communication. Analysis and discussion of social problems.

Daily 10:10-11:25

**S 598 SPECIAL PROBLEMS (1-3)**

(1) General speech education; (2) speech correction; (3) phonetics; (4) interpretation; (5) forensics, public address; (6) radio; (7) pedagogy; (8) audiology; (9) voice science. Prerequisite: consent of instructor or recommendation of department chairman.

Hrs. arr.

- S 615 PHONETICS AND PHONEMICS OF AMERICAN ENGLISH (3)** **E. Carr**  
Theory and practice in formation of segmental and suprasegmental phonemes of American English. (for MATESL, TIP, and KEIO students)
- S 622 ADVANCED AUDIOLOGY (3)** **Ansberry**  
Instrumentation; selection of hearing aids; special tests of hearing; functional versus organic hearing loss; vocational problems of impaired hearing.  
Daily 8:45-10:00
- S 623 ADVANCED PRACTICUM IN SPEECH PATHOLOGY (1-2)** **Ritter**  
Clinical practice in diagnostic and therapeutic procedures; emphasis placed upon complex problems such as delayed speech, language problems, aphasia, and stuttering.  
Hrs. arr.
- S 624 ADVANCED PRACTICUM IN AUDIOLOGY (1-2)** **Ansberry**  
Clinical practice in administering special tests; interpretation of audiograms; counseling of individuals with impaired hearing; use of varied rehabilitation techniques.  
Hrs. arr.
- S 699 RESEARCH (1-3)**  
The same fields as in Speech S 598. Prerequisite: undergraduate major in speech; consent of adviser or recommendation of department.  
Hrs. arr.

## Thai

- S 151 INTERMEDIATE THAI (3)** **Thawisombeon**  
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 29-July 31.  
Daily 10:10-12:00 Laboratory, daily 12:10-12:55
- S 152 INTERMEDIATE THAI (3)** **Thawisombeon**  
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: August 3-September 4.  
Daily 10:10-12:00 Laboratory, daily 12:10-12:55

## Zoology

- S 201 SCIENCE OF THE SEA (3)** **Eldredge, E. Ryan**  
Origin, water movements, productivity, and life in 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 425 MICROTECHNIQUE (3)** **Mathews**  
Fixing, staining, mounting of tissues, entire animals and organs. Prerequisite: course in introductory zoology. Lab fee \$15.00.  
Lectures daily 8:45-10:00 Laboratory MWF 10:10-12:00

# Postsession

**August 7--28**

**Ed AD PS 770 SEMINAR IN SUPERVISION OF INSTRUCTION (2)**

**Reid**

Methods and tools of supervision; faculty meetings; classroom observation; conferences; evaluation. Prerequisite: Ad 670 or 679. May be repeated. Limited to on-and-off-campus staff for work with Ford students.  
Daily 8:30-10:30

**Ed EE PS 325 TRENDS IN THE TEACHING OF ELEMENTARY MATHEMATICS (2)**

**Capps**

Mathematical content necessary for effective use of newer approaches; nature of number systems; introduction to the theory of numbers; basic concepts of algebra, foundations of geometry. Prerequisite: EE 220. Open for credit to students who took elementary math methods prior to September 1962.  
Daily 8:30-10:30

**Ed EE PS 326 CREATIVE ART, ELEMENTARY (2)**

Understanding the creative use of art materials, tools, ideas, and their sources. Prerequisite: EE 220; Art 103. Lab fee \$7.50.  
Daily 8:10-12:25

**HPE PS 221 PHYSICAL EDUCATION, ELEMENTARY (2)**

**Curtis**

(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)**

**I. 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)  
10:30-12:20 (Secondary)

# Hilo Campus

- Accounting HS 435 GOVERNMENTAL ACCOUNTING (3)** Shirley  
Account classification, budgetary procedure, fund accounting, revenues, operating costs.  
Prerequisite: Acc 101.
- Art HS 131 VISUAL DESIGN (2)** H. M. Droste  
Elements and principles of visual organization. This course or its equivalent is prerequisite to all advanced studio courses. Course fee \$1.00 each semester.
- Chemistry HS 141 ELEMENTS OF ORGANIC CHEMISTRY (4)** Dority  
Intensive course. Chemistry of carbon compounds. Prerequisite: 104 or 106. Course fee \$12.00.
- English HS 101 COMPOSITION (3)** Y. Droste  
Principles and practice of composition—expository forms. First semester. For all students qualifying in university entrance examinations.
- English HS 231 INTRODUCTION TO POETRY (3)** E. G. Hayes  
Analysis of selected English and American poems, emphasizing problems of communication and appreciation.
- History HS 171 INTRODUCTION TO AMERICAN HISTORY (3)** Warsh  
Religious, cultural, and social backgrounds of the American people. Prerequisite for advanced courses in American history.
- History HS 492 THE SOUTH IN AMERICAN HISTORY (3)** Beechert  
Southern economic, social, intellectual, and political development, with special attention to race relations.
- Japanese HS 151 INTERMEDIATE JAPANESE—CONVERSATION (3)** Saigo  
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.  
June 29–July 31.
- Mathematics HS 101 INTERMEDIATE ALGEBRA (3)** Seod  
Sood
- Political Science HS 110 INTRODUCTION TO GOVERNMENT (3)** Shirley  
Role of government in modern society. Types and practices of government; processes of political change; citizen participation. Not open to juniors or seniors.
- Psychology HS 250 DEVELOPMENTAL PSYCHOLOGY (3)** Ushijima  
Emotional, mental, physical, social development from infancy to adulthood; interests and abilities at different age levels.
- Science HS 120 INTRODUCTION TO SCIENCE (4)** G. W. Read  
Nature of science as a discipline; understanding of nature; relationships of science and society. Course fee \$1.50.
- Sociology HS 151 INTRODUCTION TO THE STUDY OF SOCIETY (3)** Markey  
Basic social relationships, norms, social structures, processes affecting social change. Not open to juniors or seniors.
- Speech HS 150 PUBLIC SPEAKING (3)** Yonan  
Basic principles of speech composition and delivery; preparation and delivery of speeches with attention to principles studied; special attention to individual problems.
- Zoology HS 201 SCIENCE OF THE SEA (3)** Little  
Origin, history, water movements, chemical composition, sediments, plant and animal life, productivity and resources. Interdepartmental offering.