# 1965 Calendar

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**FIRST TERM (June 21–July 30)**

- May 19–22 . . . . . . . . . . Early registration (for all persons on the island of Oahu)
- June 21, Monday . . . . . . . . . . Regular registration
- June 22, Tuesday . . . . . . . . . . Instruction begins
- June 25, Friday . . . . . . . . . . Last day of registration for credit
- June 28, Monday . . . . . . . . . . Last day for withdrawal from courses without “grade” penalty
- July 5, Monday . . . . . . . . . . Holiday (Monday after a holiday falling on Sunday)
- July 23, Friday . . . . . . . . . . Last day for withdrawal from courses
- July 30, Friday . . . . . . . . . . First term ends

**SECOND TERM (August 2–September 10)**

- August 2, Monday . . . . . . . . . . Regular registration
- August 3, Tuesday . . . . . . . . . . Instruction begins
- August 6, Friday . . . . . . . . . . Last day of registration for credit
- August 9, Monday . . . . . . . . . . Last day for withdrawal from courses without “grade” penalty
- September 3, Friday . . . . . . . . Last day for withdrawal from courses
- September 10, Friday . . . . . . . . . . Second term ends
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ADMINISTRATION AND FACULTY

Administration

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EDWARD T. WHITE, M. A., Director of Admissions and Records
KAORU NODA, Ph.D., Director of the Hilo Campus

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SCHUYLER D. HOSLETT, Ph.D., Dean of the College of Business Administration
HUBERT V. EVERLY, Ph.D., Dean of the College of Education
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VIRGINIA A. JONES, M.Ed., Dean of the College of Nursing
C. PEAIRS WILSON, Ph.D., Dean of the College of Tropical Agriculture

SUMMER SESSION

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SHIRO AMIOKA, Ph.D., Assistant Dean
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JEROME AIDLIN, B.F.A. (Cleveland Institute of Art), Instructor in Art

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12
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Visiting Summer Faculty

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MAMIE LOUISE ANDERZHION, M.S., Associate Professor of Geography, Indiana State College
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LAWRENCE M. BRAMMER, Ph.D., Professor of Education, University of Washington
CHARLES S. BRANT, Ph.D., Associate Professor of Anthropology, University of Alberta, Canada
ALLEN P. BRISTOW, M.S., Associate Professor of Police Science, California State College
GERALD W. BROWN, Ed.D., Associate Professor of Education, University of California
ARDATH W. BURKS, Ph.D., Professor of Political Science, The State University of Rutgers

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DONALD T. CAMPBELL, Ph.D., Professor of Psychology, Northwestern University

BRYAN H. FARRELL, Ph.D., Professor and Chairman, Department of Geography, University of Victoria, B.C.

CARMAN L. FINLEY, Ph.D., Director of Research and Associate Professor of Education, Sonoma County Schools

JOHN C. GOWAN, Ed.D., Professor of Education and Chairman, Guidance Area, San Fernando Valley State College

JAMES R. GRAY, M.A., Supervisor of Secondary Education, School of Education, University of California

ROGER C. GREER, Ph.D., Associate Professor and Librarian, Potsdam State College

JOHN HANESSIAN, JR., Ph.D., Associate Professor of International Law and Politics, University of Alabama

HOWARD P. HARRENSTIEN, Ph.D., Professor of Civil Engineering and Engineering Mechanics, University of Arizona

DONALD CLARK HODGES, Ph.D., Professor of Philosophy and Chairman, Department of Philosophy and Religion, Florida State University

F. LOUIS HOOVER, Ed.D., Professor of Art, Illinois State University

CHARLOTTE S. HUCK, Ph.D., Professor of Education, Ohio State University

BEATRICE J. HURLEY, M.A., Professor of Education, New York University

JOHN A. HUTCHISON, Ph.D., Professor of Religion, Claremont Graduate School

JOSEPH L. HYSONG, M.A., Instructor in Art, Monterey Peninsula College

B. LAMAR JOHNSON, Ph.D., Professor of Higher Education, University of California, Los Angeles

ANN M. KEPPEL, Ph.D., Associate Professor of Education, University of Vermont

GREGORY A. KIMBLE, Ph.D., Professor of Psychology, Duke University

HYMAN KUBLIN, Ph.D., Chief Executive Officer of Ph.D. Program in History, City University of New York

AUBREY C. LAND, Ph.D., Professor of History, University of Maryland

ABBA P. LERNER, Ph.D., Professor of Economics, Michigan State University

TELESFORO W. LUNA, JR., Ph.D., Associate Professor, Department of Geology and Geography, University of the Philippines

EDWARD C. MCDONAGH, Ph.D., Professor of Sociology, University of Southern California

WILLIAM N. MCPHEE, Ph.D., Professor of Sociology, University of Colorado

ZA-LEE MOH, Ph.D., Associate Professor of Civil Engineering, University of West Virginia

CARL A. MOORE, Ph.D., Professor, Petroleum and Geological Engineering, University of Oklahoma

WILLIAM E. NOLAND, Ph.D., Professor of Sociology, Purdue University

GENE DAVID PHILLIPS, Ed.D., Professor of Educational Foundations and Philosophy, Chairman of Department of Educational Foundations, Boston University
JOSEPHINE M. PHILLIPS, Ed.D., Research Assistant Professor of Mathematics, University of Illinois
BURWELL P. ROGERS, Ph.D., Professor of English, Bucknell University
ARNOLD M. ROSE, Ph.D., Professor of Sociology, University of Minnesota
MARCHALL D. SAHLINS, Ph.D., Professor of Anthropology, University of Michigan
MILTON SCHWEBEL, Ph.D., Professor of Education, New York University
JOHN CARVER SCOTT, JR., Ph.D., Professor of Sociology, The American University
DOROTHY M. SEIGLE, M.S., Curriculum Consultant to Special Education, Clark County Schools, Las Vegas, Nevada
ROBERT E. SHAFER, Ed.D., Associate Professor of English, Teachers College, Columbia University
RODMAN E. SNEAD, Ph.D., Assistant Professor of Geography, Clark University
BURTON STEIN, Ph.D., Associate Professor of History, University of Minnesota
ENRY STOOPS, Ed.D., Professor of Educational Administration, University of Southern California
ROBERT E. STREETER, Ph.D., Acting Dean and Professor of English, University of Chicago
ALICE H. STRANG, M.A., Professor, Education of the Deaf, University of Wisconsin
EVANGELINE M. SWEET, M.A., Teacher, Chappaqua, New York
JOHN E. TURNER, Ph.D., Professor of Political Science, University of Minnesota
HIROFUMI UZAWA, Ph.D., Professor of Economics, University of Chicago
ROBERT VAN NIEL, Ph.D., Associate Professor of History, Russell Sage College
IAN P. WATT, M.A., Professor of English, Stanford University
DONALD ARTHUR WEATHERLEY, Ph.D., Assistant Professor of Psychology, University of Colorado
GILBERT M. WILSON, Ed.D., Associate Professor of Education, Boston University
BEN JAMES WINER, Ph.D., Professor of Psychology, Purdue University
CHARLES GILBERT WRENN, Ph.D., Professor of Educational Psychology, Arizona State University
BEATRICE A. WRIGHT, Ph.D., Professor of Psychology, University of Kansas
MILTON YINGER, Ph.D., Professor of Sociology, Oberlin College
THE UNIVERSITY OF HAWAI'I

THE UNIVERSITY OF HAWAI'I 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 59 fields and the Ph.D. degree in some 19 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), Pi Gamma Mu (social sciences), Phi Delta Kappa (education), Sigma Pi Sigma (physics), Omicron Delta Kappa (scholarship and leadership in activities), Chi Epsilon (civil engineering), Delta Sigma Rho (forensics), Eta Kappa Nu (electrical engineering), and Phi Eta Sigma (freshman honorary fraternity).

THE SUMMER SESSION

ADMISSION. Persons wishing to take courses for credit must present satisfactory evidence of ability to do university work. Graduate and undergraduate students in attendance 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 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” (for “Listener”) on the student’s records.

VISITOR’S TICKETS. Since the summer session provides an opportunity to hear classroom lectures given by many distinguished professors in various fields, visitor’s 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 16, 634, 694, 815, 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 are limited to a maximum program of 6 credit hours in each six-week summer term. In exceptional cases, 7 credit hours may be carried if approved by the appropriate
college dean or, in the case of transient students (here for the summer only), by the Dean of Summer Session. Evening courses being taken concurrently in the College of General Studies are included in computation of total credits carried.

Graduate students may carry 7 credits during a six-week term. 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.

DEANS' OFFICES. The offices of the various University deans are located as follows:

- College of Arts and Sciences, Webster 201
- College of Business Administration, Hawaii 107
- College of Education, Wist 205
- College of Engineering, Keller 219-A
- College of General Studies, Hawaii 119
- College of Nursing, Webster 415-A
- College of Tropical Agriculture, Gilmore 101-A
- Graduate School, Spalding 358
- Library Activities, Sinclair Library 15
- Student Personnel, Bachman 214
- Summer Session, Crawford 208

REGISTRATION. Early Registration. Early registration for the first summer term will be open to students registered at the University of Hawaii during the current spring semester and other qualified applicants on Oahu from 8 a.m. to 4 p.m. on Wednesday through Friday, May 19–21, and from 8 a.m. to 12 noon on Saturday, May 22, 1965. Registration materials and instructions will be issued at the deans' offices.

Regular Registration. Registration for the first summer term will take place on Monday, June 21, 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 and instructions, according to the following time schedule (for last names):

- A through B—at or after 7:45 a.m.
- C through E—at or after 8:30 a.m.
- F through H—at or after 9:15 a.m.
- I through K—at or after 10:00 a.m.
- L through M—at or after 10:45 a.m.
- N through Q—at or after 11:30 a.m.
- R through S—at or after 12:45 p.m.
- T through V—at or after 1:30 p.m.
- W through Z—at or after 2:15 p.m.
Regular registration for the second summer term will take place on Monday, August 2, according to the same procedure as given above.

**Late Registration.** Late registration will be permitted during the first two days of instruction if approved by the appropriate dean and during the succeeding two days if approved by both the dean and the instructor concerned. Thereafter, students may not register for credit but may be admitted as auditors with the consent of the Dean of Summer Session.

**CHANGE OF REGISTRATION.** Students who registered during the early registration period may apply for a change of registration on Thursday, June 17, between 8 a.m. and 4 p.m. Other changes may be requested after instruction begins. Change of program forms may be obtained at the deans' offices.

**STUDENT NUMBERS.** The University uses Social Security numbers for student numbers. All students, therefore, must present Social Security cards at the time of their first registration at the University. Students who do not have Social Security numbers, those who have lost their Social Security cards, and those who have had name changes since getting Social Security cards should arrange with their local Social Security offices for assignment of numbers prior to registration. Students from foreign countries make application for Social Security numbers at the time of registration.

**ZIP CODES.** The University cooperates with the United States Post Office Department in recording zip codes for all registered students. Students should acquaint themselves with zip codes, both for their permanent and local addresses, so that the codes may be entered on their registration materials.

**TUITION AND FEES.** Subsequent to the publication of the Preliminary Announcement of the 1965 summer courses, a modification in the tuition and fee structure of the University of Hawaii has been under consideration. Subject to approval by the Board of Regents at their March meeting, the schedule of tuition and fees and refunds, applying to all students, whether resident or out-of-state, will be as indicated below.

Tuition will be $14.00 per credit hour, whether the course is audited or taken for credit. There will be no registration fee, and no laboratory or other course fees, except for Applied Music, Institutes and other special programs as noted in the catalogue. During the first six-week term, all students will be charged an Activity Fee of $2.00.

Fees must be paid in full at the time of submission of registration cards. A student's registration is not complete until all fees have been paid.

A late registration fee of $5.00 is charged beginning the day instruction starts, each summer term.
There is a charge of $2.00 for any change in program after the initial registration unless waived for good cause by the Dean of Summer Session. Library fines and fines for violating campus parking rules must be paid promptly. Students are expected to learn the parking and library rules. Parking stickers are sold at the business office in Bachman Hall.

REFUNDS. A student in good standing who withdraws from courses may obtain the following refunds, upon presenting his fee slip receipt:

$10.00 per credit, until 4 p.m. June 24 (first term); or until 4 p.m. August 5 (second term).

$5.00 per credit thereafter, until 4 p.m. June 29 (first term); or until 4 p.m. August 10 (second term).

There will be no refunds after June 29 for the first term and after August 10 for the second term.

There will be no refund of the $40.00 visitor's ticket, or of the student activity fee.

PERSONAL CHECKS. Traveler's checks, cashier's checks, and money orders are accepted. Personal checks will be accepted for payment of summer session 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 charge of $5.00 and a late registration fee of $5.00 if the check is not honored by the bank concerned.

GRADES AND EXAMINATIONS. Final examinations are given in all courses unless other methods of grading are authorized by the Dean of Summer Session. The final examination is given at the last scheduled meeting of the class. Unless satisfactory arrangements have been made with the instructor in advance, absence from the final examination will be counted as "0" (zero) in computing the grade for the course. Students must complete all 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 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
term a formal withdrawal is marked W on the student's record. There-
after, and prior to the last five days of instruction in the term, a formal
withdrawal is marked W if the student's work was of passing grade; other-
wise it is marked W-F. No withdrawals from courses are permitted dur-
ing 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. No scholarships are available during the summer ses-
sion, except for fellowships offered by the various summer institutes and
special programs.

LIBRARY PRIVILEGES. Students will be issued identification cards for
the use of library facilities and borrowing of library materials. On the
second day after registration students may obtain their identification cards
at Sinclair Library upon presentation of their registration receipt.

Summer Session Notes

1964 ENROLLMENT. The total enrollment in 1964 was 10,852. There
were 479 students from other countries and 2,285 students from the main-
land. Forty-eight mainland states and the District of Columbia were
represented, with the five largest groups coming from California (772),
Texas (151), Illinois (145), New York (112), and Washington (109).

COURSES ON ASIA AND THE PACIFIC. In addition to standard
courses comparable to those given at other American universities, there
are many distinctive offerings such as the following courses offered in 1965:

Anthropology: Oceania; Seminar in South Asia.
Art: Native Arts of the South Pacific.
Asian Studies: Summer Institute on Asian Studies; Teaching and Study-
ing about Asia; 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; Dances of Hawaii.

English: Literature of the Pacific; Oriental-Western Relations; Seminar—Classical Epics of West and India.

Geography: Asia; the Pacific; Hawaii; Southeast Asia.

History: Far East to the Mid-19th Century; Modern Far East; Japan to 1800; Japan 1800—present; Indonesia; South Asia, 1000—present; Hawaiian Islands; Seminar in Chinese Intellectual (early and modern); Seminar in Indian; Seminar in Southeast Asian; Seminar in Japanese Intellectual; Modern Southeast Asia.

Home Economics: Institute on Foods of the Pacific; Costumes of Asia.


Philosophy: Buddhist Philosophy; Chinese Philosophy.

Political Science: International Relations of the Far East; Politics and Diplomacy of Modern Japan.

Religion: Living Religions of Hawaii.

Sociology: Race and Culture Contacts in Hawaii; People and Institutions of Japan.

GRADUATE SCHOOL OF LIBRARY STUDIES. The program of the new Graduate School of Library Studies at the University of Hawaii will be initiated in the summer session of 1965. Students wishing to work for the Master of Library Studies degree should examine the catalogue of the Graduate School of Library Studies and to follow the admission procedure described therein.

For application forms write to: The Office of the Dean, Graduate School, University of Hawaii, Honolulu, Hawaii 96822. The applicant should complete the application forms and write to the college or colleges in which he has had his undergraduate and/or graduate work requesting that they send transcripts to: The Office of the Dean, Graduate School, University of Hawaii, Honolulu, Hawaii 96822. The application forms should be mailed to the same office. Two letters of reference must be submitted as part of the application for matriculation for the degree program. Application forms and the accompanying documents should be transmitted by the beginning of June for those who wish to enter this program during the summer session.

The Graduate Record Examination Aptitude Test may be required as a measure of ability to carry on work at the graduate level in some cases.

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
Fifth Summer Institute of American Studies will be held from June 21–July 30. Through another grant from the Coe Foundation, 20 fellowships carrying stipends of $350.00 each will be awarded to qualified applicants. Application blanks may be obtained by writing to the director of the Fifth Summer Institute of American Studies, Dr. James M. McCutcheon, Department of History, University of Hawaii, Honolulu, Hawaii 96822.

INSTITUTE ON ASIAN STUDIES. The Seventh Summer Institute on Asian Studies will be held from June 21–July 30, 1965. Dr. John A. White, Professor of History at the University of Hawaii, will be the director, and Dr. Hyman Kublin, Chief Executive Officer of the Ph.D. Program in History at the City University of New York, will be visiting associate director. The institute program is designed for teachers, public librarians, journalists, public servants, businessmen, and graduate students wishing a general introduction to the life and ways of Asia.

Each member of the institute must enroll in Asian Studies S 610 (3 credits) and S 611 (1 credit), and in Asian Studies S 612 (2 credits) or another course from a select list. Membership fee in the institute is $90.00, covering all charges for 6 credits, the activity fee, printed materials, Asian dinners, and other special programs.

The East-West Center is offering 102 scholarships which provide full membership in the institute and return economy air fare from Honolulu to the recipient's home area after satisfactory completion of the program of study. Candidates for the scholarships must have at least one year of experience in secondary schools as an administrator, social studies teacher, or curriculum coordinator, or as a school or public librarian. Availability and qualifications permitting, two scholarship grants will be awarded within each of the fifty states and the District of Columbia. Scholarship applications are due by April 1, 1965.

For application forms for institute membership and East-West Center scholarships, write to: Director, Summer Institute on Asian Studies, Office of the Dean of Summer Session, 2550 Campus Road, Room 208, University of Hawaii, Honolulu, Hawaii 96822.

INSTITUTE ON THE COMMUNITY COLLEGE. With the decision to develop community colleges in Hawaii comes the responsibility to provide interested persons the opportunity to explore the many facets of this type of institution. It is felt that the best way to provide such information at this time is through an institute directed by a recognized specialist in the field. This institute will be held from August 2–27, and the director will be Dr. B. Lamar Johnson, Professor of Higher Education, University of California, Los Angeles. Students enrolling will register for Education EA PS 750, Institute on the Community College, for which 4 credits may be earned. The enrollment will be limited to 30 students. The program will include a study of the history and role of the community college and the problems and issues confronting the two-year college. Oppor-
tunity will be given for exploration of special interests such as administration, curriculum, and student personnel practices. Inquiries should be addressed to Dr. John B. Crossley, College of Education, University of Hawaii, 1776 University Avenue, Honolulu, Hawaii 96822.

ENGLISH LANGUAGE INSTITUTE. Intensive training in English will be offered for foreign students who need to improve their proficiency in listening comprehension, speaking, reading speed, and academic writing. Classes are provided on several levels of English ability, from basic to advanced. Supplemental work in the ELI language laboratory is normally required. The courses will be of twelve weeks’ duration (June 21-September 10). Newly selected East-West Center grantees and other foreign students who need instruction in English are urged to attend the institute’s summer courses, preparatory to their fall enrollment in regular University of Hawaii classes. For details of the program, contact Dr. Richard C. Sittler, Director, English Language Institute, University of Hawaii, Honolulu, Hawaii 96822.

INSTITUTE ON FOODS OF THE PACIFIC. The Home Economics department offers a 3-credit course on the food habits, customs, and cookery of China, Japan, Korea, the Philippines, and Hawaii (see Home Economics S 210). Enrollment is limited to the number of people that can be accommodated in the preparation and serving of the various foods. There is a lab fee of $20.00.

INSTITUTE IN MATHEMATICS FOR TEACHERS, SUPERVISORS, AND ADMINISTRATORS OF K-6. To provide key elementary teachers, supervisors, and administrators with carefully planned mathematics courses and seminars designed to increase their individual appreciation and comprehension of mathematics, the Institute in Mathematics for Teachers, Supervisors, and Administrators of K-6 will be held from June 20 to July 31, under a grant from the National Science Foundation. The director of this institute will be Professor Albert M. Nagy, Department of Mathematics, University of Hawaii, Honolulu, Hawaii 96822.

INSTITUTE ON NUCLEAR DEFENSE DESIGN. This Summer Institute on Nuclear Defense Design (June 21–July 30, 1965) for architectural and engineering faculty is sponsored by The Department of Defense, Office of Civil Defense, The American Society for Engineering Education, and The Association of Collegiate Schools of Architecture. It will offer a comprehensive, graduate level program for architectural and engineering faculty members to prepare them to offer similar courses of instruction at their own institutions. The subjects will include the effects of nuclear weapons, nuclear physics, shielding calculation methodologies, interplay of significant shielding parameters, radiation shielding modifications, environmental factors in shelter design, dose and dose-rate calcula-
tions, theory of vibrations, blast resistant aspects, structural dynamics, limit design of structures, soil-structure interaction, general procedures in the planning and design of shelter and other related topics. Stipend and travel allowances will be granted to the participants. Applications should be submitted in duplicate to the Assistant Executive Secretary, American Society for Engineering Education, University of Illinois, 1201 West California, Urbana, Illinois 61801. The institute director is Dr. Mateo L. P. Go, Professor of Civil Engineering, University of Hawaii.

INSTITUTE ON POLYNESIAN MUSIC IN MUSIC EDUCATION. An Institute on Polynesian Music in Music Education will be conducted by the Music department from July 5-July 30. The institute will consist of the study and performance of the music and dances of Hawaii, New Zealand, Samoa, Tahiti, and Tonga, and the development of curriculum materials for teachers of Grades 1-6 (see Music S 455). The institute will be directed by Mrs. Dorothy K. Gillett, Department of Music, University of Hawaii, Honolulu, Hawaii 96822.

INSTITUTE IN SCIENCE AND MATHEMATICS IN AMERICAN SAMOA. The Third Summer Institute in Science and Mathematics for Elementary and Secondary Teachers in American Samoa and adjoining areas will be conducted at Pago Pago in Tutuila, American Samoa, from July 26-September 3, 1965, under a grant from the National Science Foundation. The director of this institute will be Dr. Harry Zeitlin, Department of Chemistry, University of Hawaii.

INSTITUTE 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 to improve their own subject matter competence, the Ninth Summer Institute in Science and Mathematics for Secondary School Teachers of Science and Mathematics will be held from June 21-July 30, 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.

SUMMER INSTITUTE IN SCIENCE AND MATHEMATICS FOR SECONDARY SCHOOL TEACHERS OF U.S. CHILDREN IN THE FAR EAST. The institute supported by the National Science Foundation, will be held from June 7-July 16, 1965, at Chofu, Japan. Director of the institute will be Dr. Michael M. Frodyma, Department of Chemistry, 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 departments of English and Secondary Education of the University of Hawaii will jointly offer an Institute for Secondary School Teachers of English from June 21–July 30. The program will include three advanced courses in Interpretation of Literature, Composition, and Language, each carrying 2 credits. There will also be a non-credit Colloquium for discussion of ways of applying materials discussed in the courses to the applicant's classroom teaching. 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, 1377 Donaghho Road, Honolulu, Hawaii 96822.

INSTITUTE FOR SECONDARY SCHOOL TEACHERS OF JAPANESE. The Summer Language Institute for Secondary School Teachers of Japanese will be held from June 28–August 14, under a National Defense Education Act grant. The institute is designed to improve the quality of Japanese language teaching by upgrading individual conversational proficiency in Japanese, introducing new methodology in language learning, presenting the most recent findings of research in the areas of linguistics, methodology, and language laboratory skills, and providing a background for understanding the culture of the people. The institute members will reside in dormitories of the East-West Center. Inquiries should be addressed to the director of the institute, Dr. John Young, Department of Asian and Pacific Languages, 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 and interpretative arts for students. There will be separate divisions for (1) teachers, from June 21–July 23, for which 4 credits may be earned; (2) students, from June 28–July 23, for which certain high school credits may be earned. Inquiries should be directed to Miss Paula Hayne, Department of Speech, University of Hawaii, Room 131, 2560 Campus Road, Honolulu, Hawaii 96822.

SPECIAL SUMMER PROGRAM IN OCEANOGRAPHY. The second annual summer program in Oceanography will be given, June 21–July 30, with a grant of five scholarships from the Link Foundation. The scholarships will be awarded to outstanding secondary school science teachers. The recipients will enroll in Oceanography S 201, Science of the Sea (3 credits) and a directed research course (2 credits) which will include work at the Sea Life Park Institute and the Hawaii Marine Laboratory. Inquiries should be addressed to Dr. Fred I. Kamemoto, Chairman of the Department of Zoology, University of Hawaii, Honolulu, Hawaii 96822.
SOUTH PACIFIC EDUCATIONAL CRUISES. Five courses will be offered aboard the Matson Lines luxury liners S.S. Monterey and S.S. Mariposa on 43-day cruises starting at San Francisco (or at Los Angeles a day later) and visiting Bora Bora (Society Islands), Papeete (Tahiti), Rarotonga (Cook Islands), Auckland (New Zealand), Sydney (Australia), Noumea (New Caledonia), Suva (Fiji), Niufo'ou (Tonga Islands), Pago Pago (Samoa), and Honolulu (Hawaii). The schedule of courses follows (see page 66 for course descriptions):


For particulars, write to the Dean of Summer Session, 2550 Campus Road, Room 208, University of Hawaii, Honolulu, Hawaii 96822; or to the N.E.A. Division of Educational Travel, 1201 16th St., N.W., Washington 6, D.C.; or to the Division of Educational Services, Matson Lines, 215 Market Street, San Francisco, California.

STUDY TOUR OF EUROPE (RETURNING VIA ASIA). June 28-August 25. A tour of Europe including the U.S.S.R. and returning around the world via Asia, will be led by Professor Richard S. Takasaki, Vice-President for Business Affairs, University of Hawaii (see European Studies S 620). After two weeks of campus lectures and programs, and other preparations, the study group will leave for Europe by jet airplane on July 11, via San Francisco and New York. The tour will include London, Oxford, Stratford-on-Avon, Paris, Versailles, Berlin, Nuremberg, Munich, Rothenburg, Carmisch-Partenkirchen, Innsbruck, Venice, Rome, Florence, Lugans, Lucerne, Zurich, Vienna, Moscow, Leningrad, New Delhi, Agra, Bangkok, Hong Kong, Tokyo, and Nikko. 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 Vice-President Richard S. Takasaki, 201 Bachman Hall, University of Hawaii, Honolulu, Hawaii 96822.

CREATIVE ACTIVITIES FOR CHILDREN STUDY TOUR OF EUROPE. June 21-August 18. Lectures and programs on campus, June 21-25. Flight to Europe via Los Angeles. Attendance at the Summer School for Foreigners, University of Oslo, Norway, July 5-9; the Drama Summer School at Keele University, Birmingham, July 26-August 1; and

STUDY TOUR OF THE ORIENT. July 1–August 12. A tour of the Far East and Southeast Asia will be led by Associate Professor Mitsuo Aoki (see Asian Studies S 620). After a week of lectures and programs on campus, the tour group will leave Honolulu on July 8. The itinerary will include Tokyo, Nikko, Kamakura, Hakone, Nagoya, Uji-yamada, Kashi­kojima, Toba, Kyoto, Nara, Osaka, Okinawa, Taipei, Hualien, Manila, Tagaytay, Pagsanjan, Singapore, Kuala Lumpur, Bangkok, Ayudha, Hong Kong, and Macao. Travel arrangements will be handled by Mrs. Ruth Rittmeister, manager of the International Travel Service, of Honolulu. Some undergraduates will be accepted, for undergraduate credit. Inquiries should be directed to Professor Mitsuo Aoki, 343 George Hall, University of Hawaii, Honolulu, Hawaii 96822.

Extracurricular Activities

UNIVERSITY PROGRAM. During the first six-week term, an extensive program of educational and recreational extracurricular events is sponsored by the summer session office. The program includes Tuesday evening lectures, the Summer Theatre, guided tours on and off campus, and various programs at Hemenway Hall, the student union building.

Details of the summer program for 1965 will be printed in Summer 1965, a special publication distributed at the beginning of the first summer term.

ACTIVITY CARDS. Students who have paid their fees are issued summer session activity cards. The activity card entitles the bearer to attend or participate in various extracurricular events sponsored by the summer session office during the first six-week term. For certain trips or activities an additional fee is charged to help defray the cost.

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 ($2.00) 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.
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.

SUMMER PLAYS. The University Summer Theatre will present a season of three modern American plays: Tennessee Williams' The Glass Menagerie (June 25, 26; July 1, 2), Thornton Wilder's The Matchmaker (July 9, 10; 16, 17), and William Saroyan's The Time of Your Life (July 23, 24; 30, 31). Performances will be in the John F. Kennedy Theatre and admission will be free to all holders of summer session activity cards. All students are eligible for both acting and backstage work and will have the opportunity of working with a small company of semi-professionals; those wishing to receive academic credit for such participation may register for Theatre Workshop (Drama S 250).

Tryouts to fill the sizable casts of The Matchmaker and The Time of Your Life will be held at the Kennedy Theatre the first and second days of summer session classes (Tuesday and Wednesday, June 22 and 23) from 1:30 to 3:30 p.m. Students interested in volunteer backstage work may also apply during these hours.

Reserved seat tickets for all performances will be available at the Kennedy Theatre Box Office Monday through Friday from 9:00 a.m. to 1:00 p.m. throughout summer session (telephone 918-746 or 918-747); reservations are held until 1:00 p.m. Thursdays for each week's performances. Ticket prices for those who do not hold activity cards will be: Adults $2.50, Students $1.25, Season Cards $6.00 (regular) and $5.00 (teachers).

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 non-resident campus. There will be residence hall accommodations for 684 students in the 1965 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 office of Student Housing. To be eligible for any University of Hawaii residence hall, a student must be registered for at least 3 hours of lecture courses for credit. Application-contracts must be accompanied by the deposit before consideration for space reservation can be made. The halls are operated on the American plan and the contract is for room and board. Meals include breakfast and lunch, Monday through Friday.

Six-Week Contract
Room . . . $125
Board . . . 60
$185

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.
Residence hall facilities are available only during the first six-week term.

OFF-CAMPUS HOUSING. The Student Housing office maintains an information file on rooming houses, rooms in private homes and occa-
sional 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 Student 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.

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 driver's parents may be submitted for consideration by the Honolulu Police Department in lieu of this form. A driver under 20 years of age is otherwise liable to arrest.

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

PART-TIME EMPLOYMENT OPPORTUNITIES. There are very few opportunities for part-time employment during the summer period. Students should, therefore, plan to meet 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. The University of Hawaii Hilo Campus is on the island of Hawaii some 200 miles southeast of Honolulu. It is situated a short distance from downtown Hilo and commands a view of Hilo Bay and of the volcanic mountains, Mauna Loa and Mauna Kea. During the academic year, it enrolls about 400 students. Its library contains approximately 27,000 volumes and is a Federal Depository for U.S. publications. A science laboratory building was completed in the fall of 1964, with facilities for the physical and natural sciences. The new campus dormitory can accommodate 24 men and 28 women students and has a lounge for study and social activities. Recreational and athletic facilities on campus, and a municipal golf course and a swimming pool are available to students.

The Hilo Campus offers a select list of summer courses, particularly in education and the liberal arts. There are special opportunities for work in Hawaiian anthropology, since the Hilo Campus staff is engaged in long-term research in cooperation with the Bishop Museum. Inquires should be addressed to: Director, University of Hawaii Hilo Campus, Hilo, 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.

Most classes will be held according to the following schedule:

<table>
<thead>
<tr>
<th>50-MINUTE CLASSES</th>
<th>75-MINUTE CLASSES</th>
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<tr>
<td>7:45–8:35</td>
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FIRST TERM June 21—July 30

Anthropology

S 150 INTRODUCTION TO ANTHROPOLOGY (3) Sinha
Human evolution; prehistoric development of culture; recent and contemporary man, common features and principal variations in cultural behavior.
Daily 8:45–10:00

S 250 OCEANIA (3) Sahlin
An introduction to the native cultures of Polynesia, Micronesia, Melanesia, and Australia. Prerequisite: 150 or 200.
Daily 8:45–10:00

S 504 APPLIED ANTHROPOLOGY (2) Sinha
The relation of anthropology to community development and human resources conservation. Use of anthropology in prediction, planning, and control. Concepts and methods. Oriented to needs of administrators, educators, social workers, and other professionals who lack anthropological training. Prerequisite: 200 or equivalent.
Daily 11:35–12:25
FIRST TERM

S 510 COMPARATIVE MORALS AND VALUE SYSTEMS (2)  Bharati
The sociological functions of morality in simple societies.
Daily 10:10–11:00

S 531 CULTURAL ADAPTATION (2)  Sahlin
The evolutionary adaptation of cultures to the natural habitat and to intercultural
competition; origins of cultural diversity; cultural stagnation, decline and fall. Pre-
requisite: 150 or 200.
Daily 10:10–11:00

S 606 SEMINAR IN SOUTH ASIA (2)  Bharati
New theoretical perspectives emerging from or applied to South Asian research.
Prerequisite: Asian Studies 525–526, or consent of instructor.
Daily 11:35–12:25

Art

S 101 INTRODUCTION TO THE VISUAL ARTS (3)
Nature of visual art and its expression in various forms. Lectures, demonstrations,
museum visits.
Daily 8:45–10:00

S 103 ART FUNDAMENTALS (2)  Anderson
Background material and studio practice to stimulate understanding of the arts.
Lectures, museum visits, studio work.
Daily 8:10–10:00

S 104 ART FUNDAMENTALS (2)  Everson
Background material and studio practice to stimulate understanding of the arts.
Lectures, museum visits, studio work. Prerequisite: 103 or equivalent.
Daily 8:10–10:00

S 111 DRAWING (2)  Bushnell, Kimura
(2 sections)
Basic principles of drawing in a variety of media.
Daily 8:10–10:00 (Bushnell)
10:10–12:00 (Kimura)

S 112 DRAWING (2)
Basic principles of drawing in a variety of media. This course or its equivalent is
prerequisite to all advanced studio courses. Prerequisite: 111 or equivalent.
Daily 10:10–12:00

S 131 VISUAL DESIGN (2)  Robinson
Elements and principles of visual organization.
Daily 10:10–12:00

S 132 VISUAL DESIGN (2)  Kingrey
Elements and principles of visual organization. This course or its equivalent is pre-
requisite to all advanced studio courses. Prerequisite: 131 or equivalent.
Daily 8:10–10:00

S 136 WEAVING (2)  Robinson
Creative processes of weaving. Warping and threading of simple hand looms and
multiple harness looms.
Daily 8:10–10:00
S 141 CERAMICS (2) (3 sections) 
Horan
Methods and principles of creating pottery by hand. 
Daily 9:10-11:00 
11:10-1:00 
1:00-3:00 

S 142 CERAMICS (2) (2 sections) 
Horan
Introduction to wheel throwing and emphasis on the designing of utilitarian wares. 
Prerequisite: 141. 
Daily 8:10-10:00 
10:10-12:00 

S 151 SCULPTURE (2) 
Aidlin
Study of the qualities of form and structure in sculpture; methods of construction using a variety of materials and techniques. 
Daily 8:10-10:00 

S 152 SCULPTURE (2) 
Aidlin
Continuation of 151. Study of the qualities of form and structure in sculpture; methods of construction using a variety of materials and techniques. Prerequisite: 151. 
Daily 10:10-12:00 

S 215 INTRODUCTION TO PRINTMAKING (2) 
King
Introduction to studio practice in intaglio processes. Prerequisites: 112, 132. 
Daily 8:10-10:00 

S 221 PAINTING (2) 
Bushnell
Problems in the creation of visual forms. Prerequisites: 112, 132, or equivalent. 
Daily 10:10-12:00 

S 235 TEXTILE DESIGN (2) 
Everson
Execution of individual problems in design on fabrics, utilizing such media as the block print, stencil, silk screen. Prerequisite: 132. 
Daily 10:10-12:00 

S 263 LETTER FORMS (2) 
Kingrey
The letter as a visual element in design organization. Prerequisites: 112, 132 or equivalent. 
Daily 10:10-12:00 

S 311 FIGURE DRAWING (2) 
Kimura
Basic principles of drawing the human figure, including the study of anatomy and articulation. The figure as a foundation of knowledge and skill and for its imaginative use. Prerequisite: 112. 
Daily 8:10-10:00 

S 315 PRINTMAKING (2) 
King
Printmaking: relief, intaglio, and photo process. Prerequisites: 112, 132, 311 or equivalent. 
Daily 10:10-12:00 

S 363 ADVANCED VISUAL DESIGN (2) 
Anderson
Investigation into processes of visualization; its expression and control. Prerequisites: 112, 132. 
Daily 10:10-12:00
S 641 CERAMICS (2) Horan

Individual problems in advanced ceramics, using the potter's wheel and hand-building techniques. Prerequisite: consent of chairman and instructor.

Daily 8:10-10:00
10:10-12:00

Asian Studies

S 610 ASIA (3) White, 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 24.

Daily 8:45-10:00

S 611 ASIA (1) White, 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 24. Course fee $18.00.

S 612 TEACHING AND STUDYING ABOUT ASIA (2) Kublin

Designed primarily for secondary school teachers and college instructors. A seminar-type course devoted to analysis of teaching and study aids; development of bibliography; evaluation of key concepts based upon content; appraisal of stereotypes and cliches; and experimentation in usages of audio-visual materials. A background in Asian history and cultures is useful but not required.

Daily 10:00-11:00

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

Lectures and programs on campus, followed by tour of Tokyo, Nikko, Kamakura, Hakone, Nagoya, Uji-yamada, Kashikojima, Toba, Kyoto, Nara, Osaka, Okinawa, Taipei, Hualien, Manila, Tagaytay, Pagsanjan, Singapore, Kuala Lumpur, Bangkok, Ayudhya, Hong Kong, and Macao. Prerequisite: consent of instructor. Preregistration. July 1-August 12. For other details, see page 29.

Biochemistry

S 655 METABOLIC PATHWAYS (2)

The constitution and occurrence of the sugars and polysaccharides of plant, animal, and microbial origin; pathways of biosynthesis and catabolism; enzymological aspects; complex carbohydrates, including glycolipids and glycoproteins; comparative biochemistry; importance in medicine.

Daily 9:10-10:00

S 699 DIRECTED RESEARCH (Arr.)

Business Administration

Accounting

S 100 ELEMENTARY ACCOUNTING (3) Lee, E. Wong

(2 sections)

Theory and practice of income determination and asset valuation. Preparation and analysis of statements; uses for decision making. Prerequisite: sophomore standing.

(1) MWF 7:45-9:25 Laboratory TTh 7:45-9:45
(2) MWF 7:45-9:25 Laboratory TTh 7:45-9:45
FIRST TERM

S 101   ELEMENTARY ACCOUNTING (3)   Corbin
Theory and practice of income determination and asset valuation. Preparation and
analysis of statements; uses for decision making. Prerequisite: sophomore standing.
MWF 7:45-9:25   Laboratory TTh 7:45-9:45

S 200   INTERMEDIATE ACCOUNTING (3)   Lee
Critical examination of generally accepted accounting principles as applied to prep­
aration and use of financial statements. Prerequisite: Accounting 101.
Daily 10:10-11:25

S 320   MANAGEMENT ACCOUNTING (3)   Prescott
Use of accounting information for managerial decision making and profit planning.
Budget, cost and other financial analyses to control and measure efficiency of busi­
ness. For non-accounting majors only. Prerequisite: Accounting 101.
Daily 7:20-8:35

Business Analysis and Statistics

S 110   APPLIED MATHEMATICS (3)   Najita
Interest, annuities, progression, theory of set and functions, differential and integral
calculus, including partial differentiation, maxima and minima (including the
Lagrange multiplier method), probability.
Daily 8:45-10:00

S 300   BUSINESS STATISTICS (3)   Sasaki
Principles of statistical inference including frequency distribution, averages, varia­
tion, testing hypotheses, estimation of population mean, index numbers, time series,
correlation, probability, sampling, chi square and F distribution, analysis of variance.
Utilization of statistical data as an aid to managerial decisions.
Daily 8:45-10:00

S 315   ELECTRONIC DATA PROCESSING FOR BUSINESS (3)   Ferguson
Computers and their memories, inputs and outputs, punched card layouts, the possi­
bilities for calculation and decision, program coding, and report writing.
Daily 7:20-8:35

Business Economics

S 150   PRINCIPLES OF ECONOMICS (3)   Ige, Seo
(2 sections) (Same as Economics S 150)
Principles of production, income, prices, and distribution in the American economy.
Daily (1) 7:20-8:35 (Ige)
(2) 10:10-11:25 (Seo)

S 151   PRINCIPLES OF ECONOMICS (3)   Yeh
(Same as Economics S 151)
Principles of production, income, prices, and distribution in the American economy.
Daily 11:35-12:50

S 240   MONEY AND BANKING (3)   Seo
(Same as Economics S 240)
United States monetary system, principles of commercial and central banking; the
Federal Reserve, the Treasury, and credit control; monetary theory.
Daily 8:45-10:00

S 375   BUSINESS AND GOVERNMENT (3)   Kirkpatrick
(Same as Economics S 470)
Economic aspects and implications of public policy, taxation, and regulation of
business activity.
Daily 7:20-8:35
FIRST TERM

Finance

S 300 BUSINESS FINANCE (3) Corbin
A study of the forms and sources of financing business firms large and small, corporate and non-corporate. Emphasis is on financial planning and developing judgment in formulating decisions on financial problems. Financial policies are also considered in their social, legal, and economic effects. Prerequisite: Accounting 101, BEc 151.
Daily 11:35-12:50

Management

S 300 PRINCIPLES OF MANAGEMENT (3) Buchele
Basic management functions of planning, controlling, organizing, staffing, and directing; emphasis on human factors and quantitative analysis in developing a sound philosophy of management. Critical evaluation of current practices in business firms. Primarily text-lecture; a few case studies.
Daily 7:20-8:35

S 350 BUSINESS POLICY (3) Buchele
Case studies in assessing alternative risks in solving policy problems; an interdisciplinary approach applying and integrating many of the subjects in the College of Business Administration. Prerequisite: senior standing.
Daily 11:35-12:50

Marketing

S 300 PRINCIPLES OF MARKETING (3) Lembeck
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 315 MARKETING MANAGEMENT (3) Pratt
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 7:20-8:35

S 340 RETAIL MERCHANDISING (3) Pratt
Retailing history, store organization and management, sales promotion, customer's buying habits.
Daily 10:10-11:25

Personnel and Industrial Relations

S 300 LABOR PROBLEMS AND TRADE UNIONISM (3) Ferguson
Study of wages, hours, and other conditions of employment. Development, internal structure, and economic function of organized labor in the United States. Prerequisite: BEc 150-151 or consent of instructor.
Daily 10:10-11:25

S 350 PERSONNEL AND INDUSTRIAL RELATIONS—PRACTICES AND POLICIES (3) Bailey
Survey of the field of Personnel and Industrial Relations.
Daily 8:45-10:00
FIRST TERM

Chemistry

S 106 GENERAL CHEMISTRY—QUALITATIVE ANALYSIS (5)
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: 105 (or 103 with permission of department chairman).
Daily 8:30-10:00 Laboratory MTWTh 1:00-5:00

S 141 ELEMENTS OF ORGANIC CHEMISTRY (4)
Intensive course: Chemistry of carbon compounds. Prerequisite: 104 or 106.
Daily 8:30-10:00 Laboratory MW 1:00-5:00

S 331 ELEMENTARY QUANTITATIVE ANALYSIS (4)
Beginning gravimetric and volumetric analysis. Prerequisite: 106; Mathematics 103 or equivalent.
Daily 11:35-12:25 Laboratory Daily 1:30-5:00

S 699 DIRECTED RESEARCH (Arr.) Staff
Prerequisite: consent of department chairman.
Hrs. arr.

Chinese

S 101 ELEMENTARY MANDARIN—CONVERSATION (3)
An accelerated 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.
Daily 8:10-10:00 Laboratory, daily by arrangement

S 103 ELEMENTARY MANDARIN—READING (3)
An accelerated course equivalent to a full semester's reading course in the academic year. Training in Pai-hua reading.
Daily 10:10-12:00

S 111 INTENSIVE ELEMENTARY CHINESE (6)
An intensive course equivalent to the elementary Chinese in the academic year. The course would include all four skills: listening, speaking, reading, and writing. In addition to 25 hours of class work a week for 6 weeks, two periods of laboratory drill daily are required.
Daily 8:10-11:00, 1:10-3:00 Laboratory, daily by arrangement

S 151 INTERMEDIATE MANDARIN—CONVERSATION (3)
An accelerated course in more advanced conversation equivalent to a semester's work in the academic year. One period of laboratory drill is required.
Daily 11:10-1:00 Laboratory, daily by arrangement

S 153 INTERMEDIATE MANDARIN—READING (3)
Continuation of S 104. Selected reading of Pai-hua literature. Equivalent to the first semester's work in the academic year.
Daily 8:10-10:00

S 201 ADVANCED CHINESE—CONVERSATION (3)
Course conducted entirely in Chinese. Lectures, reports, discussions. Extensive use of taped samples of oral Chinese: news broadcasts, radio programs, lectures, unhearsed conversational situations. Prerequisite: 108, or 152, or equivalent. One period of laboratory drill daily is required.
Daily 8:10-10:00 Laboratory, daily by arrangement
FIRST TERM

S 211 THIRD-YEAR CHINESE—CLASSICAL (3)
An accelerated course equivalent to the first semester's work in the academic year. Introduction to classical and contemporary literary styles. Prerequisite: 154 or 110. Daily 9:10-11:00

S 417 FOURTH-YEAR CHINESE (3)
Readings in advanced classical texts; the equivalent of the first semester's work in the academic year. Prerequisite: 212 or equivalent. Daily 9:10-11:00

Drama and Theatre

S 140 INTRODUCTION TO DRAMA AND THEATRE (3) Langhans
Representative plays from Miller's Death of a Salesman to Aeschylus' Agamemnon, studied as illustrative of changing forms in the theatre and dramatic literature. Daily 10:10-11:25

S 250 THEATRE WORKSHOP (3) Langhans
Lectures and supervised work in theatrical production, coordinated with production of the University Summer Theatre. Scenery, lighting, costumes, properties, acting, and direction are covered. For the general student as well as drama majors and participants in the summer play. Hrs. arr.

S 410 CREATIVE DRAMATICS (2) Soller

S 420 ACTING (2) Soller
Individual exercises and group rehearsals. In addition to work in course, students must try out for productions and must play at least one role in public performance. May be repeated for credit. Daily 9:10-10:00

Economics

S 150 PRINCIPLES OF ECONOMICS (3) Ige, See
(2 sections) (Same as Business Econ S 150)
Principles of production, income, prices, and distribution in the American economy. Daily 7:20-8:35 (Ige)
10:10-11:25 (See)

S 151 PRINCIPLES OF ECONOMICS (3) Yeh
(Same as Business Econ S 151)
Analysis of how commodity and factor prices are determined. Discusses policies for efficient allocation of scarce resources. Required of all economics majors. Daily 11:35-12:50

S 240 MONEY AND BANKING (3) See
(Same as Business Econ S 240)
Study of relation of monetary system to price level, employment, and income. Considers the nature and function of money and banking, the role of money in international trade, monetary theories, inflation. Daily 8:45-10:00
FIRST TERM

S 302 INTERMEDIATE ECONOMIC THEORY: NATIONAL INCOME (3)  Sato
Concepts, determination of income, employment, price levels; effects of fiscal, monetary, other policies. Daily 8:45–10:00

S 410 ASIAN ECONOMIC DEVELOPMENT (3)  Lim
A general overview of change and growth in economics of major Asian nations. Population and national income growth; savings, investment and consumption patterns. Role of government and private enterprise. Prerequisite: 150. Daily 7:20–8:35

S 430 COMPARATIVE ECONOMIC SYSTEMS (3)  Lerner
Analysis of the structure, institutions, operation, performance and growth of private enterprise, socialist, communist and mixed economies, with emphasis on the U.S., U.S.S.R. and underdeveloped economies. Daily 8:45–10:00

S 450 PUBLIC FINANCE (3)  Hoffman
Considers governmental expenditures, revenues, and debt, both descriptively and theoretically. Fiscal policy is considered, as are budgeting and tax administration. Daily 10:10–11:25

S 460 INTERNATIONAL TRADE AND FINANCE (3)  Wise
Theoretical, institutional, and historical aspects of international economic relations are considered, including foreign exchange rates, balance of payments adjustment, tariffs, quotas, and trading blocs. Daily 11:35–12:50

S 470 GOVERNMENT AND BUSINESS (3)  Kirkpatrick
( Same as Business Econ S 375)
Consideration of economic aspects and consequences of regulation by government of business activity, with emphasis on regulatory boards. Economic analysis is related to policy issues. Daily 7:20–8:35

Education

Educational Administration

EA S 670 SUPERVISION OF INSTRUCTION (3)
Principles of supervision and development of supervisory programs. Prerequisite: EA 680; EE 622 or SE 636. Daily 7:20–8:35

EA S 671 SCHOOL PUBLICITY AND PUBLIC RELATIONS (3)
Application of principles, techniques, policies, organization of a school-community information program. Prerequisite: EA 680 or consent of instructor. Daily 10:10–11:25

EA S 672 PERSONNEL PRACTICES AND THE SCHOOL PRINCIPAL (2)  Stoops
Orientation to personnel practices; principles in personnel management; procedures in assignment, orientation; evaluation of staff. Daily 9:10–10:00

EA S 680 PUBLIC SCHOOL ORGANIZATION (2)  Crossley
(2 sections)
Function of the teacher in school administration; state and territorial organization of public education; Hawaii school law and state Department of Education regula-
FIRST TERM

Prerequisites: teaching experience (may include student teaching).

Daily 7:45–8:35
9:10–10:00

EA S 685 EDUCATIONAL ADMINISTRATION: THEORY AND PRINCIPLE (3)

Stoops

Theory and principles of administration and development of administrative problems. Prerequisite: EA 680, teaching experience, or consent of instructor.

Daily 11:35–12:50

EA S 770 SEMINAR IN SUPERVISION OF INSTRUCTION (3)

In, Porter

Application of methods and tools of supervision; faculty meetings; classroom observation; conferences; evaluation. Prerequisite: EA 682 or 683; consent of instructor. May be repeated. Limited to on- and off-campus staff for work with Ford Program students.

Daily 8:45–10:00 (Elementary) Porter
10:10–11:25 (Secondary) In

Educational Psychology

EP 309 and 372 or their equivalents are prerequisites for all graduate courses in Educational Psychology, except for EP 514, 634, 644, 705, 714.

EP S 309 TESTS AND MEASUREMENTS (3)

Adkins, Gowan, Ryans

(4 sections)

Theory and techniques of evaluation in education. Prerequisite: EE 221, S 222, or SE 230.

Daily 7:20–8:35 (Ryans)
8:45–10:00 (Adkins)
10:10–11:25 (Adkins)
11:35–12:50 (Gowan)

EP S 372 EDUCATIONAL PSYCHOLOGY (3)

Niyokawa

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

Daily 10:10–11:25

EP S 374 GENERAL EDUCATIONAL PSYCHOLOGY (5)

Niyokawa

Similar to EP 372 but with laboratory and observations. Not open to those who have had EP 372. Restricted to Ford Program students.

Daily 9:10–11:25

EP S 507 REMEDIAL READING (3)

Bond

(2 sections)

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

Daily 7:20–8:35
10:10–11:25

EP S 514 AUDIO-VISUAL MEDIA (3)

Sanderson, Wittich

(3 sections)

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

Daily 7:45–8:35; lab hrs. to be arranged (Sanderson)
9:10–10:00; lab hrs. to be arranged (Wittich)
10:10–11:00; lab hrs. to be arranged (Sanderson)

EP S 515(2) FIELD PROBLEMS IN TEACHING EXCEPTIONAL CHILDREN: TRAINABLE MENTALLY RETARDED (3)

Seigle

Field problems faced by teachers of exceptional children; analysis of recent research
findings in terms of their application to a specific area of exceptionality. Prerequisite: consent of instructor.
Daily 11:35-12:50

EP S 515(3) FIELD PROBLEMS IN TEACHING EXCEPTIONAL CHILDREN: HEARING IMPAIRED (3)
Field problems faced by teachers of exceptional children; analysis of recent research findings in terms of their application to a specific area of exceptionality. Prerequisite: consent of instructor.
Daily 7:20-8:35

EP S 516 SPEECH AND LANGUAGE DEVELOPMENT FOR DEAF CHILDREN (3)
Study of speech and language development in children with impaired hearing.
Daily 10:10-11:25

EP S 517 TRAINABLE MENTALLY RETARDED CHILDREN (3)
Study of psycho-social problems of trainable mentally retarded children.
Daily 8:45-10:00

EP S 601 GUIDANCE IN THE SCHOOL (3)
Basic principles of guidance; consideration of techniques, organization, materials, resources.
Daily 7:20-8:35

EP S 602 ELEMENTARY SCHOOL GUIDANCE (3)
Principles, techniques, and organization of guidance services in the elementary school.
Daily 11:35-12:50

EP S 604 OCCUPATIONAL INFORMATION IN GUIDANCE (3)
Occupational research and survey techniques; trends, sources of materials, use of occupational information in vocational guidance. Prerequisite: EP 601.
Daily 8:45-10:00

EP S 605 PROBLEMS OF SCHOOL ADJUSTMENT (3)
Principles of behavior which affect human relationships in the school, with emphasis upon application to actual situations.
Daily 10:10-11:25

EP S 609 TESTS AND INVENTORIES IN GUIDANCE (3)
Daily 11:35-12:50

EP S 614 EDUCATION OF GIFTED CHILDREN (3)
Daily 8:45-10:00

EP S 617 EDUCATION OF EMOTIONALLY HANDICAPPED CHILDREN (3)
Identification, management, and techniques for teaching emotionally handicapped children in the public school. Also an overview of the use of community resources in the team approach.
Daily 7:20-8:35

EP S 629 EDUCATIONAL STATISTICS (3)
Statistical inference including applications of parametric and non-parametric methods to educational problems. Prerequisite: descriptive statistics or EP 309.
Daily 11:35-12:50
FIRST TERM

EP S 634 TELEVISION IN EDUCATION (3)  
Research backgrounds, development, and utilization of television in education including fundamentals of production and teaching of television with emphasis on utilization of television in the school. Prerequisite: EP 514 or consent of instructor. Daily 9:10-10:00; lab hrs. to be arranged

EP S 644 EDUCATIONAL TELEVISION (3)  
Research and study of the psychological and educational development and utilization of instructional television with emphasis on ETV and the systems approach to multi-media instruction in specific learning situations. Prerequisite: EP 634. Daily 10:10-11:00; lab hrs. to be arranged

EP S 672 ADVANCED EDUCATIONAL PSYCHOLOGY (3)  
Application of experimental evidence in psychology to major educational problems; the bearing of recent psychological theories upon education. Daily 7:20-8:35

EP S 701(3) SEMINAR IN GUIDANCE: COUNSELING (3)  
Current issues and problems. Prerequisite: 8 credits in guidance courses. Daily 11:35-1:20

EP S 702 GROUP GUIDANCE (3)  
Principles, practices, materials, and techniques used in group guidance in schools. Prerequisite: EP 601. Daily 8:45-10:00

EP S 705 PRODUCTION OF AUDIO-VISUAL MATERIALS (3)  

EP S 708 EDUCATIONAL RESEARCH METHODS (3)  

EP S 714 ORGANIZATION OF NEW MEDIA PROGRAMS (3)  

Elementary Education

EE S 222 PRINCIPLES OF ELEMENTARY EDUCATION (4)  
A survey of the principles of elementary education for teachers with less than professional certification. Credit applies toward certificate but not toward B.Ed.; may not be taken for credit by persons who have credit in EE 220, 221. Prerequisite: Psychology 250. Daily 11:35-1:15

EE S 320 LANGUAGE ARTS, ELEMENTARY (3)  
Modern approach to the teaching of language arts—reading, oral, and written expression. Prerequisite: EE 220. Daily 8:45-10:00
FIRST TERM

EE S 323 SCIENCE, ELEMENTARY (2)  
Science education in the elementary school; developing concepts and understandings. Prerequisite: EE 220. 
Daily 9:10–10:00

EE S 324 MATHEMATICS, ELEMENTARY (3)  
Purposes, procedures, scope, and organization in developing underlying concepts of elementary mathematics; analysis of new elementary mathematics programs; techniques, relative merits, and roles of inductive and deductive approaches to new ideas. Prerequisite: EE 220, Mathematics 111. 
Daily 7:20–8:35

EE S 325 TRENDS IN THE TEACHING OF ELEMENTARY MATHEMATICS (2)  
Mathematical content necessary for effective use of newer approaches; nature of number systems; introduction to the theory of numbers; basic concepts of algebra; foundations in geometry. Prerequisite: EE 220. Open for credit to students who took elementary math methods prior to September 1962. 
Daily 9:10–10:00

EE S 326 CREATIVE ART, ELEMENTARY (2)  
Understanding the scope and importance of art in the elementary school curriculum, and the creative use of art media through laboratory experiences. Prerequisite: EE 220; Art 103. 
(2 sections) 
Daily 7:20–9:35 (Pickens)  
10:10–12:25 (Hoover)

EE S 620 TEACHING READING IN THE ELEMENTARY SCHOOL (2)  
Theory and practice in the teaching of reading from the initial readiness stage through the intermediate (upper elementary) grades. Current practices in methodology, organizational patterns and evaluation are examined critically. 
(3 sections) 
Daily 7:45–8:35 (Hurley)  
10:10–11:00 (Hurley)  
11:35–12:25 (Huck)

EE S 621 MODERN LANGUAGE ARTS PROGRAM, ELEMENTARY (2)  
Current research; critical examination of educational procedures in teaching the language arts. Prerequisite: basic course in teaching language arts; teaching experience. 
Daily 10:10–11:00

EE S 622 ELEMENTARY SCHOOL CURRICULUM (3)  
Theoretical foundations of curriculum development; curriculum research; critical examination of current practices in curriculum development for the elementary school. Prerequisite: EE 221, 224, or equivalent; teaching experience. 
Daily 8:45–10:00

EE S 623 ELEMENTARY SCIENCE CURRICULUM (3)  
Application of recent developments in science, curriculum construction, and learning theory to the elementary school. Science content as well as methodology will be stressed. Prerequisite: EE 323 and teaching experience. 
Daily 11:35–12:50

EE S 624 ELEMENTARY MATHEMATICS CURRICULUM (3)  
Analysis of research relating to teaching and learning arithmetic with attention given to the application of research findings to classroom procedures. Appraisal of recent curricular trends along with critical examination of the assumptions underlying the proposed change. Prerequisite: EE 324 and teaching experience. 
Daily 11:35–12:50

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FIRST TERM

EE S 625 ELEMENTARY SOCIAL STUDIES CURRICULUM (3)  Wilson
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 11:35-12:50

EE S 626 ART IN ELEMENTARY EDUCATION (3)  Hoover
Principles of and problems in teaching art in the elementary school; curriculum development and current approaches in art education; laboratory experiences in art media. Prerequisite: Art 103; EE 326. Daily 7:20-9:35 Additional hrs. arr.

EE S 631 STUDY TOUR, CREATIVE ACTIVITIES FOR CHILDREN (5)  Hayes
Lectures on campus and other programs, with special emphasis on creative dramatics and other creative activities for children, followed by study and touring in Paris, Geneva, Lucerne, Munich, Rothenburg, Heidelberg, Copenhagen, Stockholm, Oslo, Birmingham, Stratford, Salisbury, and London. Prerequisite: EE 220, 330 or consent of instructor. (June 21-August 18) For other details, see page 28. Daily 1:00-4:00 (June 21-25 on campus)

EE S 667 CURRICULUM TRENDS IN EARLY CHILDHOOD EDUCATION (3)  Bennett
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 8:45-10:00

EE S 679 SUPERVISION OF STUDENT TEACHING (2)  Fitzsimmons
Principles and methods; role of the supervisor; human relations in supervision of student teaching. Prerequisite: teaching experience; consent of instructor. Daily 11:35-12:25

EE S 722 SEMINAR IN ELEMENTARY CURRICULUM FOUNDATIONS (3)  Porter
Advanced study in development and improvement of the curriculum of elementary schools. Prerequisite: EE 622; consent of instructor. May be repeated once for credit. Enrollment limited to M.Ed. candidates. Daily 11:35-12:50

Health and Physical Education

Medical clearance or a statement from the student's physician certifying participation in physical activities for all courses except S 124, S 395, and S 396.

HPE S 101 AQUATIC ACTIVITIES (1)  Furukawa
(2 sections)
Skill, knowledge, attitudes, and appreciation. Daily 9:10-10:00 (Beginning Swimming)
10:35-11:25 (Beginning Swimming)

HPE S 102 INDIVIDUAL AND DUAL ACTIVITIES (1)  Chui, H. Vasconcellos
(6 sections)
Skill, knowledge, attitudes, and appreciation. Daily 9:10-10:00 (Beginning Golf) (Vasconcellos)
9:10-10:00 (Beginning Tennis) (Chui)
9:10-11:00 (Beginning Golf) (Vasconcellos)
10:10-11:00 (Beginning Tennis) (Chui)
11:35-12:25 (Beginning Golf) (Vasconcellos)
11:35-12:25 (Beginning Tennis) (Chui)

HPE S 111 INTERMEDIATE SWIMMING (1)  Furukawa
For students who have met 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.

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

For students who have met 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 coordination of parts into whole strokes for the purpose of developing ease, endurance, and versatility in the water. Prerequisite: consent of instructor.

Daily 12:00–12:50

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

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

Daily 12:00–12:50

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

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 7:45–8:35

Beamer, Kaina, Sharpe, M. Vasconcellos

Daily 9:10–10:00

10:35–11:25

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

This course is designed to acquaint the student with 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‘ilii).

Daily (1) 7:45–9:00

(2) 7:45–9:00

(3) 7:45–8:35

(4) 7:45–8:35

(5) 9:10–10:00

(6) 9:10–10:00

(7) 9:10–10:00

9:10–10:00

10:35–11:25

*Restricted to participants in Polynesian Music and Dance Institute, July 5-30.

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

For those with some experience. Improving basic skills.

Daily 7:45–8:35

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

For those with some experience. Introduction to strategy of course-play while improving basic skills.

MW 12:00–1:50 and F 12:00–12:50

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

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

Daily 11:30–1:00

**HPE S 395 EVALUATION AND MEASUREMENTS IN SCHOOL HEALTH AND PHYSICAL EDUCATION (2)**

A general lecture and laboratory course for all professional students (undergraduate level) with emphasis on principles, techniques, and instruments peculiar to the
FIRST TERM

fields of school health and physical education. Prerequisite: consent of instructor. Daily 7:45-8:35

HPE S 396 FUNDAMENTALS OF HUMAN MOVEMENT (2) Blesh
A general lecture and laboratory course for all professional students (undergraduate level) with emphasis on application of neuromuscular principles and laws of mechanics in analysis of human movement. Prerequisite: consent of instructor. Daily 10:10-11:00

History and Philosophy of Education

HP S 650 HISTORY OF EDUCATION (3) Keppel, Stueber
(2 sections)
History of Western educational thought and practice as a basis for the study of modern school problems. Daily 7:20-8:35 (Keppel) 10:10-11:25 (Stueber)

HP S 660 PHILOSOPHY OF EDUCATION (3) Phillips, Stueber
(3 sections)
Philosophy and science in education; social, psychological and ethical considerations essential to a philosophy of education. Prerequisite: student teaching. Daily 7:20-8:35 (Stueber) 8:45-10:00 (Phillips) 11:35-12:50 (Phillips)

HP S 671 COMPARATIVE EDUCATION: THE ORIENT (3) Anderson
Study of the educational problems, practices, and institutions in the countries of Asia. Daily 11:35-12:50

HP S 683 SOCIAL FOUNDATIONS OF EDUCATION (3) Keppel
The impact on education of major social trends and forces operating in American society; social change and education. Prerequisite: consent of instructor. Daily 10:10-11:25

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 9-July 20)

Secondary Education

SE S 230 SECONDARY EDUCATION (4) Martin
Basic course dealing with the major problems of secondary education. Prerequisite: Psychology 250. Daily 10:10-11:50

SE S 235 LITERATURE OF ADOLESCENTS (2) Shafer
Literature for secondary school level; helping students appreciate the significance and meaning of literature; materials suitable for varying levels of ability and interests. Daily 7:45-8:35
FIRST TERM

SE S 290 PARTICIPATION TEACHING (1) Davis, Moore, Nelson
(3 sections)
Classroom experiences and discussion and analysis of such experiences. Concurrent registration with major field methods course (SE S 330, 332, or 335). May be repeated once for credit.
Daily 9:10-10:00 (Nelson) (Social Studies)
10:10-11:00 (Davis) (Language Arts)
10:10-11:00 (Moore) (Foreign Languages)

SE S 330 LANGUAGE ARTS, SECONDARY (3) Davis
Teaching of speaking, reading, writing, and listening in the secondary school; literature, grammar, usage, spelling. Prerequisite: SE 230. Concurrent registration with SE S 290.
Daily 8:45-10:00

SE S 331 TEACHING OF READING IN INTERMEDIATE AND HIGH SCHOOL (2) Shafer
Techniques and materials for teaching reading and improving reading skills in the intermediate and high school.
Daily 10:10-11:00

SE S 332 SOCIAL STUDIES, SECONDARY (3) Nelson
Scope and organization of social studies in the secondary school; development of social knowledge and understanding. Prerequisite: SE 230. Concurrent registration with SE S 290.
Daily 10:10-11:25

SE S 335 FOREIGN LANGUAGES, SECONDARY (3) Moore
Techniques and materials; aims, motivation, tests; infusion of cultures; use of instructional aids. Prerequisite: SE 230. Concurrent registration with SE S 290.
Daily 8:45-10:00

SE S 426 ENGLISH INSTITUTE: INTERPRETATION OF LITERATURE (2) Watt
(Same as English S 426)
Practice in intensive analysis and interpretation of poems, plays, novels, and essays. To be taken concurrently with SE S 427 (English S 427), SE S 428 (English S 428).
Daily 10:30-11:20

SE S 427 ENGLISH INSTITUTE: COMPOSITION—EXPOSITORY WRITING (2) Larson, Streeter
(2 sections) (Same as English S 427)
Analysis of examples of important rhetorical forms and problems; practice in use of rhetorical patterns and techniques; exercises in definition, explanation, generalization, classification, argument, persuasion; adaptation of style to subject and audience. To be taken concurrently with SE S 426 (English S 426), SE S 428 (English S 428).
Daily 8:10-9:00 (Larson)
8:10-9:00 (Streeter)

SE S 428 ENGLISH INSTITUTE: LANGUAGE (2)
(Same as English S 428)
Introduction to the assumptions, principles, terminology, and procedures of modern linguistics, with special attention to descriptions of English by the structural linguists and the transformationalists. To be taken concurrently with SE S 426 (English S 426), SE S 427 (English S 427).
Daily 9:10-10:00

ENGLISH INSTITUTE COLLOQUIUM Gray
SE S 426 (English S 426), SE S 427 (English S 427), and SE S 428 (English S 428) are intended for members of the Institute for Secondary School Teachers of English. In addition to enrolling in the courses, members of the institute will participate in a colloquium, which will meet twice weekly: on Wednesdays 11:30-12:30 and at a second hour to be arranged.
FIRST TERM

SE S 465 ORGANIZATION AND ADMINISTRATION OF HIGH SCHOOL SPEECH PROGRAMS (4) Klopf, Hayne, Berquist
(Same as Speech S 465)
Study of the philosophy, organization, and administration of speech activities and festivals, including debate, discussion, extemporaneous speaking, and the interpretative arts. Practical training and 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. Daily hrs. arr.

SE S 500 FIRST LEVEL SUMMER INSTITUTE IN JAPANESE (6)
(Same as Japanese S 500)
Upgrading individual conversational proficiency in the Japanese language, introducing new methodology in language learning which will give better insight to the students as teachers of Japanese, presenting the most recent findings of research in the areas of linguistics, teaching methodology, language laboratory skills, and providing a sound background in understanding the culture of the people. (June 28-August 14) Consent of the chairman of the department of Asian and Pacific Languages.

SE S 634 EXTRACLASS ACTIVITIES IN SECONDARY SCHOOLS (2) Meyer
Planning and supervising student government, dramatics, athletics, school journalism, and other activities. Daily 7:45-8:35

SE S 635 JUNIOR HIGH SCHOOL CURRICULUM (3) In
Programs for the intermediate school; relationships of teachers, administrators, and parents; curriculum problems; evaluation. Prerequisite: teaching experience. Daily 7:20-8:35

SE S 636 SECONDARY SCHOOL CURRICULUM (3) Nelson
Principles and techniques of curriculum improvement at the secondary school level. Prerequisite: teaching experience. Daily 11:35-12:50

SE S 637 ART IN SECONDARY EDUCATION (3) Pickens
Principles of and problems in teaching art in secondary school; current approaches in teaching art. Prerequisites: SE 336 and consent of instructor. Daily 10:10-12:25

SE S 640(3) SEMINAR IN SPECIAL METHODS: FOREIGN LANGUAGE EDUCATION (3)
(2 sections) Sister Jeanne Louise
A study of trends, research data, problems of implementation in special methods of teaching in secondary school field of study. Prerequisite: undergraduate special methods course; teaching experience. Daily 7:20-8:35 (French)
10:10-11:25 (Spanish)

SE S 640(4) SEMINAR IN SPECIAL METHODS: HEALTH AND PHYSICAL EDUCATION (3) Tominaga
A study of trends, research data, problems of implementation in special methods of teaching in secondary school field of study. Prerequisites: undergraduate special methods course; teaching experience. Daily 8:45-10:00

SE S 679 SUPERVISION OF STUDENT TEACHING (2) Davis
Principles and methods; role of the supervisor; human relations in supervision of student teaching. Prerequisites: teaching experience; consent of instructor. Daily 11:35-12:50
SE S 733 SEMINAR IN CURRICULUM, SECONDARY (3)  Meyer
Advanced study in the development and improvement of the curriculum of secondary schools. Required of M.Ed. candidates (Plan B) in their final semester or summer session. Prerequisite: SE 636; consent of instructor. May be repeated once for credit. Daily 10:10–11:25

Industrial Education

IE S 300 INDUSTRIAL CRAFTS—JEWELRY AND LAPIRARY PROCESSES (2)  VandeBerg
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 402 IMPROVEMENT OF INSTRUCTION, INDUSTRIAL EDUCATION (Var.)  VandeBerg
Consideration of problems in teaching industrial education. May be repeated for total of five credits. Daily hrs. arr.

IE S 764 SEMINAR IN INDUSTRIAL EDUCATION (2)  VandeBerg
Individual study of special problems. Daily 7:45–8:35

Engineering

Civil

CE S 170 APPLIED MECHANICS I (3)
Equilibrium of particles, rigid bodies, frames and machines; vectors, centroids, friction, and moments of inertia. Prerequisite: Mathematics 141; Physics 170. Daily 10:10–11:25

CE S 271 APPLIED MECHANICS II (3)  Staff
Dynamics of particles and rigid bodies, impulse-momentum, work-energy. Prerequisite: CE 170, Mathematics 142. Daily 8:45–10:00

Electrical

EE 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

GE S 101 ENGINEERING GRAPHICS (2)
Applied geometry, orthographic and pictorial instrument drawing and sketching, dimensioning, auxiliary and section views. Fundamentals in analysis and solution of spatial problems pertaining to points, lines, and planes. Primarily for those students who are deficient in high school mechanical drawing. Daily 9:30–12:00

GE S 105 ENGINEERING GRAPHICS (3)
Analysis and solution of spatial problems pertaining to points, lines, and planes, and their application to engineering. Surface intersections, vector geometry, and graphical calculus. Prerequisite: 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 CE 102 to satisfy the graphics requirement. Daily 8:30–12:00
FIRST TERM

**Mechanical**

**ME S 231 THERMODYNAMICS (3) Chou**
Daily 10:10-11:25

**ME S 243 MECHANICS OF SOLIDS (3) Downs**
Analysis of deformable bodies. Stresses, strains, and criteria for yielding and fracture. Torsion, bending, and buckling. Prerequisite: CE 170, Mathematics 143.
Daily 8:45-10:00

**English**

**S 101 EXPOSITORY WRITING (FIRST SEMESTER) (3) Staff**
(16 sections)
Training in analysis of expository essays; introduction and practice of principal expository procedures, including assertion, exemplification, definition, classification. For all students qualifying in University entrance examinations. (English 101 in the summer session is not recommended for students who have taken English 101 previously and received a grade of F.)
Daily (1) 7:20-8:35 (9) 8:45-10:00
(2) 7:20-8:35 (10) 8:45-10:00
(3) 7:20-8:35 (11) 10:10-11:25
(4) 7:20-8:35 (12) 10:10-11:25
(5) 7:20-8:35 (13) 10:10-11:25
(6) 8:45-10:00 (14) 10:10-11:25
(7) 8:45-10:00 (15) 11:35-12:50
(8) 8:45-10:00 (16) 11:35-12:50

**S 102 EXPOSITORY WRITING (SECOND SEMESTER) (3) Staff**
(10 sections)
Study and practice of argument and persuasion; assembling and organizing research materials; analysis and evaluation of one or two works of imaginative literature; introduction to study of prose style. Prerequisite: English 101. (English 102 in the summer session is not recommended for students who passed English 101 with a grade of D, or who have taken English 102 previously and received a grade of F.)
Daily (1) 7:20-8:35 (6) 8:45-10:00
(2) 7:20-8:35 (7) 8:45-10:00
(3) 7:20-8:35 (8) 10:10-11:25
(4) 7:20-8:35 (9) 10:10-11:25
(5) 7:20-8:35 (10) 11:35-12:50

**S 150 MAJOR WORKS OF BRITISH AND AMERICAN LITERATURE (3) Heiser, Rogers**
(2 sections)
From the Middle Ages to 1800; an introductory course for sophomores.
Daily (1) 8:45-10:00 (Heiser)
(2) 10:10-11:25 (Rogers)

**S 151 MAJOR WORKS OF BRITISH AND AMERICAN LITERATURE (3) Lowers, Winters**
(2 sections)
From 1800 to the present; an introductory course for sophomores.
Daily (1) 8:45-10:00 (Winters)
(2) 10:10-11:25 (Lowers)

**S 152 WORLD LITERATURE: TO THE RENAISSANCE (3) Stempel, Sutliff**
(2 sections)
Major works of classical, Oriental, European, and English literature.
Daily (1) 8:45-10:00 (Stempel)
(2) 10:10-11:25 (Sutliff)
S 153 WORLD LITERATURE: 1600 TO THE PRESENT (3) Lemmon, Wellein
(2 sections)
Major works of classical, Oriental, European, American, and English literature.
Daily (1) 8:45-10:00 (Lemmon)
(2) 10:10-11:25 (Wellein)

S 154 TYPES OF LITERATURE (3) Maltby, Wellein
(2 sections)
Practical criticism in the major genres of European and American literature. Short story, novel, literary essay, introduction to poetry (narrative).
Daily (1) 7:20-8:35 (Maltby)
(2) 11:35-12:50 (Wellein)

S 210 TECHNICAL EXPOSITION (3) Hollingshead, Maxwell
(2 sections)
Analysis of selected scientific prose; principles and practice of presenting technical information. Open to juniors and seniors in scientific fields.
Daily (1) 8:45-10:00 (Hollingshead)
(2) 11:35-12:50 (Maxwell)

S 220 STRUCTURE OF AMERICAN ENGLISH (3) Brown
Introduction to the phonology, morphology, and syntax of present-day American English.
Daily 11:35-12:50

S 231 INTRODUCTION TO POETRY (3) Sinclair, Thompson
(2 sections)
Written and oral analysis of the imagery, sound, language, and form, and structure of poems, leading to increased awareness of the nature of poetry.
Daily (1) 8:45-10:00 (Sinclair)
(2) 10:10-11:25 (Thompson)

S 235 BACKGROUNDS OF WORLD 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 336 INTRODUCTION TO LITERARY PROBLEMS (3) Winters
Critical evaluation of genres of literature, of various modes of analysis, and of problems involved in literary perception.
Daily 11:35-12:50

S 425 MODERN ENGLISH GRAMMAR (3)
Survey of pre-structural, structural, and generative-transformational descriptions of modern English.
Daily 10:10-11:25

S 426 ENGLISH INSTITUTE: INTERPRETATION OF LITERATURE (2) Watt
(Identical with Education SE S 426)
Practice in close analysis and interpretation of poetry, fiction, and drama. To be taken concurrently with S 427, S 428.
Daily 10:30-11:20

S 427 ENGLISH INSTITUTE: COMPOSITION (EXPOSITORY WRITING) (2) Larson, Streeter
(2 sections) (Identical with Education SE S 427)
Rhettorical procedures, techniques of reasoning, methods of organizing essays, and ways of achieving effective prose style, studied through the writing of frequent papers and the analysis of selected essays. To be taken concurrently with S 426, S 428.
Daily (1) 8:10-9:00 (Larson)
(2) 8:10-9:00 (Streeter)
**FIRST TERM**

**S 428 ENGLISH INSTITUTE: LANGUAGE (2)**  
(Identical with Education SE S 428)  
Introduction to the assumptions, principles, terminology, and procedures used in modern studies of language, with special attention to descriptions of English by the structural linguists and the transformationalists. To be taken concurrently with S 426, S 427.  
Daily 9:10-10:00

**ENGLISH INSTITUTE COLLOQUIUM**  
Gray  
English S 426, S 427, and S 428 are intended for members of the Institute for Secondary School Teachers of English. In addition to enrolling in the courses, members of the institute will participate in a colloquium, which will meet twice weekly: on Wednesdays 11:30-12:30 and at a second hour to be arranged.

**S 443 MODERN DRAMATIC LITERATURE (3)**  
Allen  
European, Ibsen and Chekhov to Shaw, 1880-1920.  
Daily 11:35-12:50

**S 445 SHORT STORY (2)**  
Hollingshead  
A reading survey covering the development of the short story in English from Poe to the present.  
Daily 11:35-12:25

**S 447 THE ENGLISH NOVEL TO 1832 (3)**  
Watt  
Principal English novels and novelists from the beginnings to 1832.  
Daily 8:45-10:00

**S 458 SHAKESPEARE (3)**  
Lowers  
Shakespeare's plays from *Hamlet* through the last play.  
Daily 8:45-10:00

**S 470 EARLY EIGHTEENTH-CENTURY ENGLISH LITERATURE (3)**  
Maltby  
Poetry, prose (exclusive of the novel), and drama from 1700 to 1740, with emphasis on the works of Pope and Swift.  
Daily 10:10-11:25

**S 485 VICTORIAN LITERATURE (3)**  
Stempel  
Poetry and prose from 1832 to 1900, exclusive of the novel.  
Daily 11:35-12:50

**S 490 TWENTIETH-CENTURY BRITISH NOVEL (3)**  
Hollander  
Daily 7:20-8:35

**S 572 AMERICAN LITERATURE: CIVIL WAR TO THE PRESENT (3)**  
Streeter  
A survey of American literature from the Civil War to the present.  
Daily 10:10-11:25

**S 585 LITERATURE OF THE PACIFIC (3)**  
Kirtley  
The literature of the Pacific islands and Australasia: narratives of voyages and travels, translations of native folk literature, and short stories and novels by such writers as Melville, Stevenson, London, Becke, and Nordhoff and Hall.  
Daily 8:45-10:00

**S 590 TWENTIETH-CENTURY AMERICAN NOVEL (3)**  
Levy  
Daily 11:35-12:50

**S 592 TWENTIETH-CENTURY BRITISH AND AMERICAN POETRY (2)**  
Rogers  
Daily 9:10-10:00
S 630 SEMINAR IN RESEARCH METHODS (2)  
Kinds of research problems of bibliography; fundamentals of thesis writing.  
MWF 10:10-11:25  

S 635 COMPARATIVE LITERATURE: ORIENTAL-WESTERN RELATIONS (3)  
Oriental-Western literary relations; a study of Oriental influence on Western literature, from the Middle Ages to today. Method: lecture, discussion.  
Daily 11:35-12:50  

S 675 SEMINAR: CLASSICAL EPICS OF WEST AND INDIA (2)  
Daily 9:10-10:00  

European Studies  

S 620 STUDY TOUR (5)  

French  

S 101 ELEMENTARY FRENCH (3)  
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.  
Daily (1) 8:10-10:00 Laboratory, daily 7:10- 7:55, or 8:10- 8:55,  
(2) 8:10-10:00 (Munchmeyer) or 9:10- 9:55, or 10:10-10:55,  
(3) 9:10-11:00 (Fochtman) or 11:10-11:55, or 12:10-12:55  
(4) 10:10-12:00 (Yamasaki)  

S 151 INTERMEDIATE FRENCH (3)  
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 is required.  
Daily (1) 8:10-10:00 (Douyere) Laboratory, daily 7:10- 7:55, or 8:10- 8:55,  
(2) 9:10-11:00 (Chirol) or 10:10-10:55, or 11:10-11:55  

S 211 CONVERSATION AND COMPOSITION (3)  
Reading and discussions to develop insight into French literature and culture with major emphasis on strengthening facility with the language. The equivalent of a full semester’s work in the academic year. One period of lab drill daily is required.  
Daily 10:10-12:00 Laboratory, daily by arrangement  

Geography  

S 101 ELEMENTS OF PHYSICAL GEOGRAPHY (3)  
A survey of man’s natural environment; climates, vegetation, soils, and landforms.  
Daily 10:10-11:00 Laboratory 1-MW 1:10-4:00  
2-TTh 1:10-4:00  
3-TTh 1:10-4:00
FIRST TERM

S 151 ECONOMIC GEOGRAPHY (3) Farrell
Man’s use of the earth. World patterns of physical resources, population, economic activity and development.
Daily 7:20-8:35

S 401 GEOGRAPHIC PATTERNS (4) Andrzhon
Analysis and description of physical and cultural areal patterns and their inter­
relationships. Special emphasis is given to local examples. Labs will include field
studies in Honolulu and rural Oahu. The course is specifically designed to con­
tribute to basic geographical education of teachers and prospective teachers. Prereq­
quisite: Ed 221 or equivalent.
Daily 8:45-10:00 Laboratory 1—MW 1:10-4:00
2—MW 1:10-4:00
3—TTh 1:10-4:00

S 541 GEOGRAPHY OF ASIA (2) Snead
An analysis of the physical and cultural patterns of Asia on a regional basis. Emphasis
on the geographic background of current Asian problems.
Daily 7:45-8:35

S 571 GEOGRAPHY OF THE PACIFIC ISLANDS (2) Farrell
Polynesia (except Hawaii), Micronesia, and Melanesia. Emphasis is given to the
examples provided within the area of contemporary social, political, and economic
problems.
Daily 9:10-10:00

S 578 GEOGRAPHY OF HAWAII (3) Piianaia
Regional, physical, and cultural geography. Detailed study of people and resources.
Daily 10:10-11:25

Geology

S 101 INTRODUCTION TO GEOLOGY AND GEOPHYSICS (4) Moore
Principles of geology, geophysics, geochemistry, and paleontology; origin and evolu­
tion of the earth, its materials and life. Field trips required. (Prerequisite to all
other courses in geology except 200.)
Daily 8:45-10:00 Laboratory, TTh 1:00-4:00

German

S 101 ELEMENTARY GERMAN (3) Engelen, Kotte-Rackley, Michalski
(3 sections)
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.
Daily (1) 8:10-10:00 (Kotte-Rackley) Laboratory, daily 7:10– 7:55, or 8:10– 8:55,
(2) 9:10–11:00 (Engelen) or 9:10– 9:55, or 10:10–10:55,
(3) 10:10–12:00 (Michalski) or 11:10–11:55, or 12:10–12:55

S 151 INTERMEDIATE GERMAN (3) K. Brown
Reading, conversation, composition, 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.
Daily 10:10-12:00 Laboratory, daily 9:10–9:55 or 12:10–12:55

S 153 INTERMEDIATE: SCIENCE GERMAN (3) R. Boel
Accurate reading over a wide range of subjects. Emphasis on sentence construction

60
and vocabulary building. The equivalent of a full semester's work in the academic year.

**Hawaiian**

**S 101 ELEMENTARY HAWAIIAN (3)**
An accelerated 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.

Daily 9:10-11:00 Laboratory, daily by arrangement

**Hindi**

**S 101 ELEMENTARY HINDI (3)**
Conversation with laboratory drill; the equivalent of the first semester's work in the academic year. One period of laboratory drill daily is required.

Daily 10:10-12:00 Laboratory, daily by arrangement

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

Daily 11:10-1:00 Laboratory, daily by arrangement

**History**

**S 151 WORLD CIVILIZATION (3)**
Daws
A survey of the more significant political, social, economic, and intellectual factors in the development of 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.

Daily 8:45-10:00

**S 171 INTRODUCTION TO AMERICAN HISTORY (3)**
Hunter
A general survey of the evolution of America from Columbus' voyages to the present, emphasizing 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 341 HISTORY OF THE FAR EAST TO THE MID-19TH CENTURY (2)**
Mammittsch
Survey of political, social, and economic history of the Far East as a unit to the mid-19th century.

Daily 7:45-8:35

**S 342 MODERN HISTORY OF THE FAR EAST (2)**
Kublin
A study of the history of China, Japan, and Korea from the mid-nineteenth century to the present. Emphasis upon the breakdown of the traditional states and societies and the struggles to create modern nations. A background in Far Eastern history is useful but not required.

Daily 11:35-12:25

**S 399 DIRECTED READING (Arr.)**
Staff
Individual reading projects in various fields. Limited to senior majors with 2.7 grade-point ratio, or 3.0 grade-point ratio in history.

Hrs. arr.

**S 410 EARLY MODERN EUROPE, 1600–1800 (2)**
Ernest
Thought and culture of Europe in the age of expansion.

Daily 9:10-10:00
FIRST TERM

S 461 HISTORY OF THE UNITED STATES TO 1789 (2) Land
Expansion of Europe into the Western Hemisphere; establishment of American independence and the constitution.
Daily 9:10-10:00

S 462 HISTORY OF THE UNITED STATES, 1789-1877 (2) Cowing
The Federal Union to the close of the Reconstruction Period.
Daily 10:10-11:00

S 541 HISTORY OF JAPAN TO 1800 (2) Varley
Historical survey of Japanese culture, government, economics, institutions to 1800.
Daily 7:45-8:35

S 542 HISTORY OF JAPAN, 1800—PRESENT (2) Varley
Historical survey of Japanese culture, government, economics, institutions, from 1800 to the present.
Daily 11:35-12:25

S 548 HISTORY OF INDONESIA (2) Veil
A survey of the Hinduist kingdoms, the Islamic states, the Dutch colony, and the current republic in the Indonesian archipelago.
Daily 7:45-8:35

S 552 HISTORY OF SOUTH ASIA, 1000 A.D.—PRESENT (2) Stein
General historical survey of India, Pakistan, Ceylon, from 1000 A.D. to the present.
Daily 10:10-11:00

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 659 SEMINAR IN CHINESE INTELLECTUAL HISTORY (to c. 1600) (2) Kwok
Intensive study in selected phases of the history of Chinese thought and institutions. Prerequisites: 531-532 or equivalent with consent of instructor. A knowledge of Chinese is preferred but not required.
Daily 10:10-11:00

S 660 SEMINAR IN CHINESE INTELLECTUAL HISTORY (from c. 1600) (2) Kwok
Intensive study in selected phases of the history of Chinese thought and institutions. Prerequisites: 531-532 or equivalent with consent of instructor. A knowledge of Chinese is preferred but not required.
Daily 11:35-12:25

S 663 SEMINAR IN INDIAN HISTORY (3) Stein
Selected problems and reading in history of India, and the influence of Indian culture in southern Asia. Individual reports.
Daily 11:35-12:50

S 664 SEMINAR IN SOUTHEAST ASIAN HISTORY (2) Veil
Studies in the histories of the peoples and states of Southeast Asia. Selected topics and research papers.
Daily 11:35-12:25

S 667 SEMINAR IN JAPANESE INTELLECTUAL HISTORY (2) Shinoda
Intensive study in selected phases of the history of Japanese thought and institutions. Prerequisite: 541-542 or consent of the instructor. Knowledge of Japanese preferred.
Daily 11:35-12:25

S 699 DIRECTED RESEARCH (Arr.) Staff
Individual research in various fields. Hrs. arr.
**S 712 SEMINAR IN HISTORIOGRAPHY (2)**  
The history of history and historians.  
Daily 11:35–12:25

**Home Economics**

**S 210 INSTITUTE ON FOODS OF THE PACIFIC (3)**  
Bartow, Ching  
Designed to acquaint the student with 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. Laboratory 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. Daily 7:20–8:35

**Indonesian**

**S 101 ELEMENTARY INDONESIAN (3)**  
Conversation with laboratory drill; the equivalent of the first semester’s work in the academic year. One period of laboratory drill daily is required.  
Daily 10:10–12:00  
Laboratory, daily by arrangement

**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.  
Daily 8:10–10:00  
Laboratory, daily by arrangement

**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 23.

**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 24.

**English Language Institute**

Intensive courses in English for foreign students who need to improve their English proficiency. This institute offers training in basic, intermediate, and advanced listening comprehension, speaking, reading, and writing. Additional language laboratory work is required. For further information, write to Dr. Richard C. Sittler, Director, English Language Institute, University of Hawaii, Honolulu, Hawaii 96822.
FIRST TERM

Institute on Foods of the Pacific
For information on the workshop, see page 25.

Institute in Mathematics for Teachers, Supervisors, and Administrators of K–6
For information on the institute, see page 25.

Mathematics S 111 INTRODUCTION TO MATHEMATICS (3)
To acquaint the non-specialist with the position of mathematics in modern culture.
Daily 7:25-8:40

Mathematics S 202 SURVEY OF GEOMETRY AND MATHEMATICAL PHILOSOPHY (3)
The nature of mathematical truth as illustrated by a comparative study of types of geometries. Prerequisite: Math 201.
Daily 10:10-11:25

Institute on Nuclear Defense Design
For information on the institute, see page 25.

Institute on Polynesian Music in Music Education
For information on the institute, see page 26.

Institute in Science and Mathematics in American Samoa
For information on the institute, see page 26.

Institute for High School Teachers of Science and Mathematics
For information on the institute, see page 26.

Biology

Biology S 401 BIOLOGY FOR SECONDARY TEACHERS (6)
The new approach to high school biology developed by Biological Sciences Curriculum Study (Yellow Version) with stress on laboratory work and major emphasis on the cellular level of biology. For high school teachers of biology.

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.

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.

Mathematics

Mathematics S 111 INTRODUCTION TO MATHEMATICS (3)
Analysis of properties of the numbers of arithmetic, rational and irrational numbers.
FIRST TERM

A discussion of inequalities, elementary set theory, numeration systems, and elementary number theory. For junior high school teachers of mathematics.

Mathematics S 202 SURVEY OF GEOMETRY AND MATHEMATICAL PHILOSOPHY (3)
The nature of mathematical truth as illustrated by a comparative study of types of geometries. A consideration of Euclidean, non-Euclidean, and finite geometries, and the axiomatic method. For junior high school teachers of mathematics.

Mathematics S 351 EUCLIDEAN GEOMETRY (3)
Elementary geometry from an advanced standpoint. A consideration of incidence, betweenness, separation in planes and space, geometric inequalities, absolute geometry, and the parallel postulate. For senior high school teachers of mathematics.

Philosophy

Philosophy 230 LOGIC (3)
Mathematical analysis of deductive arguments from a set theory approach. Emphasis on the schematization of inference which is useful in the understanding of the nature of mathematical proofs. For senior high school teachers of mathematics.

Institute in Science and Mathematics for Secondary School Teachers of U.S. Children in the Far East

For information on the institute, see page 26.

Institute for Secondary School Teachers of English

For information on the institute, see page 26. For description of courses, see page 57.

English S 426 ENGLISH INSTITUTE: INTERPRETATION OF LITERATURE (2)
(Identical with Education SE S 426)

English S 427 ENGLISH INSTITUTE: COMPOSITION (EXPOSITORY WRITING) (2)
(Identical with Education SE S 427)

English S 428 ENGLISH INSTITUTE: LANGUAGE (2)
(Identical with Education SE S 428)

ENGLISH INSTITUTE COLLOQUIUM

Institute for Secondary School Teachers of Japanese

For information on the institute, see page 27.

Japanese S 500 FIRST LEVEL SUMMER INSTITUTE IN JAPANESE (6)
(Identical with Education SE S 500)
Upgrading individual conversational proficiency in the Japanese language, introducing new methodology in language learning which will give better insight to the students as teachers of Japanese, presenting the most recent findings of research in the areas of linguistics, teaching methodology, language laboratory skills, and providing a sound background in understanding the culture of the people. (June 28–August 14) Consent of the Chairman.

Institute in Speech for High School Students and Teachers

For information on the institute, see page 27.
FIRST TERM

Speech S 465 ORGANIZATION AND ADMINISTRATION OF HIGH SCHOOL SPEECH PROGRAMS (4) Klopf, Hayne, Berquist

(Identical with Education SE S 465)

Study of the philosophy, organization, and administration of speech activities and festivals, including debate, discussion, extemporaneous speaking, and the interpretative arts. Practical training and 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.

Daily Hrs. arr.

South Pacific Educational Cruises

For information on the cruises, see page 28.

General Science S 420 MAJOR DEVELOPMENTS IN SCIENCE AND THEIR IMPACT ON SOCIETY (3) Bernatowicz

Some triumphs in physical and biological science presented in historical and philosophical perspective to illuminate the growth of science and how it influenced our society; Newton’s mechanics, atoms, evolution, genes. No college mathematics required. (Leaving San Francisco June 24, 1965)

Art 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 of functional and ceremonial objects; form relationships and cross-cultural meanings in the arts; arts in paleolithic and neolithic cultures. (Leaving San Francisco July 15, 1965)

Geography S 560 GEOGRAPHY OF THE PACIFIC OCEAN AREA (3) Piianaia

This course treats the Pacific Ocean Area as a major geographic region of the world. The physical aspects of the area, including the more current oceanographic findings, are covered thoroughly. The focus, however, is on the effect of the physical environment on the human, cultural and political geography of the Pacific World. The migrations and settlement patterns of the pre-European peoples, the era of geographic exploration, the effect of the trader, planter, and missionary, the island areas controlled by various world powers, the current milieu in the Pacific—all of these, and more, make up and give vibrant life to this course. (Leaving San Francisco August 8, 1965)

Philosophy S 465 PHILOSOPHY, EAST AND WEST (3) Moore

An introductory description and comparison of the major attitudes, methods, and system of philosophy in Asia and in the West, with a view to developing greater mutual understanding between East and West, as well as indicating the need for serious consideration of ideas and ideals of both East and West. The four major philosophical traditions to be given special consideration are India, China, Japan, and the West. An attempt will be made to determine the basic concept and attitudes, the fundamental ideas and ideals, of each of these major philosophical traditions for descriptive and comparative purposes. (Leaving San Francisco September 2, 1965)

English S 585 LITERATURE OF THE PACIFIC (3) Stroven

Readings and discussions of the literature from and about islands and bordering countries of the Pacific, with attention to the nature of “Pre-Literature” of the Polynesian and Maori and the development of the legend of the South Seas. Included are the works of authors Melville, Stevenson, Maugham, London, Nordoff-Hall and contemporary writers of Hawaii. (Leaving San Francisco September 23, 1965)
Japanese

S 101 ELEMENTARY JAPANESE—CONVERSATION (3)
(2 sections)
An accelerated course equivalent to the first semester’s conversation course in the academic year. One period of laboratory drill daily is required.
Daily (1) 9:10-11:00 Laboratory, daily 8:10-8:55, or 9:10-9:55, or 11:10-11:55, or 12:10-12:55

S 103 ELEMENTARY JAPANESE—READING (3)
An accelerated course equivalent to a full semester’s reading course in the academic year. Training in reading; katakana, hiragana, kanji.
Daily 10:10-12:00

S 111 INTENSIVE ELEMENTARY JAPANESE (6)
An intensive course equivalent to the elementary Japanese in the academic year. The course would include all four skills: listening, speaking, reading, and writing. In addition to 25 hours of class work a week for 6 weeks, two periods of laboratory drill daily are required.
Daily 8:10-11:00, 1:10-3:00 Laboratory, daily by arrangement.

S 151 INTERMEDIATE JAPANESE—CONVERSATION (3)
An accelerated course in more advanced conversation equivalent to a semester’s work in the academic year. One period of laboratory drill daily is required.
Daily 8:10-10:00 Laboratory, daily 7:10-7:55, or 10:10-10:55

S 153 INTERMEDIATE JAPANESE—READING (3)
An accelerated course equivalent to a semester’s work in the academic year. More kanji.
Daily 10:10-12:00

S 201 ADVANCED JAPANESE—CONVERSATION (3)
Course conducted entirely in Japanese. Lectures, reports, discussions. Extensive use of taped samples of oral Japanese: news broadcasts, radio programs, lectures, unrehearsed conversational situations. Prerequisite: 108, or 152, or equivalent. One period of laboratory drill daily is required.
Daily 9:10-11:00 Laboratory, daily by arrangement

S 211 THIRD-YEAR JAPANESE (3)
An accelerated course equivalent to the first semester’s course in the academic year. More kanji necessary for the reading of newspapers, magazines, and contemporary fiction. Prerequisite: 154 or equivalent.
Daily 11:10-1:00

S 415 JAPANESE GRAMMAR—COLLOQUIAL (3) Fujioka
Detailed analysis of the modern colloquial Japanese. Prerequisite: 154, 158 or equivalent.
Daily 1:10-2:30

S 417 FOURTH-YEAR JAPANESE (3)
An accelerated course equivalent to the first semester’s work in the academic year. Selected readings in the modern literary, classical, and kambun styles. Prerequisite: 212 or equivalent.
Daily 9:10-11:00

Korean

S 101 ELEMENTARY KOREAN (3)
An accelerated course equivalent to the first semester’s work in the academic year. Emphasis on conversation. One period of laboratory drill daily is required.
Daily 11:10-1:00 Laboratory, daily by arrangement
FIRST TERM

S 151 INTERMEDIATE KOREAN (3)
An accelerated 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.
Daily 10:10-12:00 Laboratory, daily by arrangement

Latin

S 101 ELEMENTARY LATIN (3) Haas
Vocabulary and grammar, with reading of simple Latin. The equivalent of a full semester's work in the academic year.
Daily 8:10-10:00

Library Studies

S 601 BIBLIOGRAPHY AND REFERENCE SOURCES (3) Greer
An analysis of the means by which availability and content of graphic materials are recorded; the characteristics and problems of national and subject bibliography; and the function of the librarian as bibliographer. Introduction to materials and methods for locating information in general reference sets, specific fact sources, periodical indexes, abstract series; analytical and searching procedures for simple inquiries. June 21-July 10.
Daily Hrs. arr.

S 647 MANAGEMENT OF LIBRARY OPERATIONS (3) Simon
Study of philosophies and techniques of scientific management and their application to library operations such as circulation, acquisition, and cataloging routines. Provides a foundation in the principal routines in libraries of all types and in theory and practice of scientific management which will enable students to analyze routines and, where necessary, to design improved methods for performance of library operations. June 21-July 10.
Daily Hrs. arr.

S 681 READING MATERIALS FOR CHILDREN (3) Stevens
Historical background of children's literature; tools for book selection in this field. Evaluation of contemporary children's books and recordings on basis of development needs of children through the sixth grade and criteria for various types. Opportunity to develop skills in storytelling through critique by visiting specialist. June 21-July 10.
Daily Hrs. arr.

S 602 ADVANCED REFERENCE SOURCES (3) Bonn
Continued discussion of the various types of general reference tools. Introduction to the subject approach in reference work through the three major areas: sciences, social sciences, and humanities. Each area is analyzed in terms both of the characteristics of the literature and of the typical problems and methods of reference work; major works in each area are studied as examples. Prerequisite: 601. July 12-July 30.
Daily Hrs. arr.

S 610 SOCIAL FUNCTIONS OF LIBRARIES (3) Greer
An introduction to librarianship. The four aspects of the course include: librarianship as a profession, history of books and libraries, a survey of current programs and trends in American libraries, and international aspects of librarianship. July 12-July 30.
Daily Hrs. arr.

S 682 READING MATERIALS FOR YOUTH (3) Stevens
Evaluation of books and magazines for young people of junior and senior high school age; book selection tools and criteria for judging. Developmental needs of

**Linguistics**

**S 620** *INTRODUCTION TO LINGUISTIC ANALYSIS* (3)
An intensive introduction to modern techniques of linguistic analysis. Daily 8:45–10:00

**Mathematics**

**S 102** *PLANE TRIGONOMETRY* (3)
(2 sections)
Prerequisite: two years of high school algebra; one year of plane geometry. Daily 7:20–8:35
10:10–11:25

**S 103** *COLLEGE ALGEBRA* (3)
(6 sections)
Prerequisite: facility in trigonometry or concurrent registration in 102. Daily 8:45–10:00
8:45–10:00
10:10–11:25
11:35–12:50

**S 111** *INTRODUCTION TO MATHEMATICS* (3)
(3 sections)
To acquaint the nonspecialist with the position of mathematics in modern culture. Daily 7:20–8:35
8:45–10:00
8:45–10:00

**S 113** *TRIGONOMETRY AND ANALYTIC GEOMETRY* (3)
(2 sections)
Periodicity, trigonometric functions, elementary identities; analytic geometry of the line, circle, and parabola. Prerequisite: 112 or equivalent. Daily 10:10–11:25
10:10–11:25

**S 135** *CALCULUS I* (4)
(3 sections)
Basic concepts and techniques, derivatives, conics, and integrals. Prerequisite: 103 or two years of high school algebra and trigonometry. Daily 7:00–8:35
7:00–8:35
11:35–1:10

**S 141** *ANALYTIC GEOMETRY AND CALCULUS II* (3)
(2 sections)
Continuation of Math 140 with emphasis on the integral calculus. Prerequisite: 140. Daily 8:45–10:00
10:10–11:25

**S 142** *CALCULUS III* (3)
Techniques of integration with applications. Prerequisite: 141. Daily 8:45–10:00
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
<th>Credits</th>
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<tr>
<td>S 143</td>
<td>CALCULUS IV (3)</td>
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<td>3</td>
<td>Partial differentiation, multiple integration, and elementary differential equations. Prerequisite: 142.</td>
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<td>Daily 10:10-11:25</td>
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<tr>
<td>S 351</td>
<td>FOUNDATIONS OF EUCLIDEAN GEOMETRY (3)</td>
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<td>3</td>
<td>Development of axiomatic Euclidean geometry including solid geometry. Prerequisite: 143 or consent of department.</td>
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<td>Daily 7:20-8:35</td>
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<tr>
<td>S 401</td>
<td>DIFFERENTIAL EQUATIONS I (3)</td>
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<td>3</td>
<td>Theory and application of ordinary differential equations. Laplace transforms. Prerequisite: 143.</td>
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<td>Daily 8:45-10:00</td>
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<tr>
<td>S 421</td>
<td>INTRODUCTION TO MODERN ALGEBRA (3)</td>
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<td>3</td>
<td>Matrices, determinants, groups, properties of number systems, and the theory of fields. Prerequisite: 143.</td>
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<td>Daily 10:10-11:25</td>
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<td></td>
<td><strong>Medical Technology</strong></td>
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<tr>
<td>S 266</td>
<td>MEDICAL TECHNOLOGY (4)</td>
<td>Wulff</td>
<td>4</td>
<td>Student technician training in a cooperating laboratory under the supervision of a qualified director.</td>
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<td></td>
<td><strong>Mental Health</strong></td>
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<td>S 200</td>
<td>MENTAL HEALTH AND MENTAL RETARDATION WORK-STUDY PROGRAM (5)</td>
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<td>5</td>
<td>Study, observation, and supervised field experience of the emotionally and socially maladjusted, the mentally ill, and the mentally retarded in community and institutional settings.</td>
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<td><strong>Microbiology</strong></td>
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<td>S 130</td>
<td>MICROBES AND MAN (2)</td>
<td>Chu</td>
<td>2</td>
<td>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 functions of germs in health and in disease, and the roles 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.</td>
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<td>Daily 10:10-11:00</td>
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<td>S 699</td>
<td>DIRECTED RESEARCH (Arr.)</td>
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<td><strong>Music</strong></td>
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<td>S 140</td>
<td>RECREATIONAL MUSIC (2)</td>
<td>Uchima</td>
<td>2</td>
<td>Elementary music skills including instruction on the ukulele. For recreation majors but open to others. Not open to those who have had 150.</td>
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<td>Daily 9:10-10:00</td>
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FIRST TERM

S 150 ELEMENTARY MUSICIANSHP (3) Lum
Terminology, notation, sight singing, rhythmic and melodic dictation, and ukulele instruction. For prospective teachers. Not open to those who have had 140.
Daily 10:10-11:25

S 154 BRASS METHODS (2) Lum
Basic skills and teaching methods for brass instruments. For students preparing to teach instrumental music.
Daily 9:10-10:00

S 160 INTRODUCTION TO MUSIC LITERATURE (3) Heran
Orchestral literature from the classical through the modern period. From the listener's point of view.
Daily 9:10-10:25

S 200 UNIVERSITY CHORUS (1) Rian
Daily 11:35-12:25

S 253 MUSIC, ELEMENTARY CURRICULUM (3) Paul
Organization and direction of music in childhood experience. Materials and procedures. Prerequisite: 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: 150 or equivalent. Not open to music majors.
Daily 9:10-10:00

S 455 INSTITUTE ON POLYNESIAN MUSIC IN MUSIC EDUCATION (4) Gillett, Staff
Study and performance of the music and dances of Hawaii, New Zealand, Samoa, Tahiti, Tonga. Development of curriculum materials for teachers of grades 1-6. HPE S 124, 1 credit, section 1 or 2 required in addition. Prerequisite: 252 or 253 or teaching experience. July 5-30.
HPE S 124: Daily 7:45-9:00
Daily 9:00-1:00

S 651 SEMINAR: FOUNDATIONS IN MUSIC EDUCATION (2) Rian
Discovery and organization of broad problems in music education. Relating basic concepts of music in elementary and secondary schools to the total curriculum. Prerequisite: teaching experience.
Daily 10:10-11:00

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)
Class instruction in strings. 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

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FIRST TERM

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 non-music majors, or music majors who intend it as a secondary medium of performance. May be repeated. Course fee $55.00.
Hrs. arr.

S 131(12) INDIVIDUAL INSTRUCTION (1) Wong
Hawaiian chant. For non-music 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 non-music 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)
Organ. For non-music 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 non-music majors, or music majors who intend it as a secondary medium of performance. May be repeated. Course fee $55.00.
Hrs. arr.

S 131(24) INDIVIDUAL INSTRUCTION (1)
Harpischord. For non-music 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)
Violin. For non-music majors, or music majors who intend it as a secondary medium of performance. May be repeated. Course fee $55.00.
Hrs. arr.

S 131(33) INDIVIDUAL INSTRUCTION (1)
Cello. For non-music 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 non-music 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)
Brass. For non-music 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 non-music majors, or majors who intend it as a secondary
FmST

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medium of performance. May be repeated. Course fee $55.00.
Hrs. arr.

S 131(73) INDIVIDUAL INSTRUCTION (1) Valentin
Filipino dance. For non-music 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 (33) cello
(12) Hawaiian chant (41) woodwind
(21) piano (51) brass
(22) organ (71) Japanese dance
(23) koto (72) Korean dance
(31) violin (73) Filipino dance

Course number assigned after auditions with music department staff members. Course fee $55.00.
Hrs. arr.

Nursing (Technical)

S 112 NURSING (PSYCHIATRIC) (3)
Principles of nursing care for the prevention and treatment of mental illness. Includes guided clinical experience. Prerequisite: 109 or equivalent.
Lecture: TF 10:10-12:00 Laboratory: MWTh 11:00-4:00

Oceanography

S 201 SCIENCE OF THE SEA (3) Chamberlain
An introduction to the biologic, geologic, chemical, and physical aspects of oceanography. Course is based on classroom lectures and use of oceanographic equipment and techniques at sea aboard ship and in the near-shore zone.
MTThF 8:45-10:00; Sat. 8:00-5:00 Field expeditions

Philosophy

S 100 INTRODUCTION TO PHILOSOPHY (3) McCarthy
Problems, methods, and fields of philosophy.
Daily 7:20-8:35

S 150 HISTORY OF PHILOSOPHY (3) Haynes
Western philosophy from the era of great Greek thinkers to the Renaissance. Prerequisite: sophomore standing.
Daily 8:45-10:00

S 440 POLITICAL PHILOSOPHY (3) Hodges
A combined systematic and historical approach to the major problems of Western political philosophy. Special attention will be given to European political theory.
Daily 8:45-10:00

S 460 BUDDHIST PHILOSOPHY (3) Inada
Survey of the basic schools and tenets of Buddhist philosophy.
Daily 8:45-10:00
FIRST TERM

S 470 CHINESE PHILOSOPHY (3) Cheng
Historical survey of the important philosophical schools and tendencies in China, ancient and modern.
Daily 10:10-11:25

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

Photography

S 100 PRINCIPLES OF PHOTOGRAPHY (2) Haar
A course designed primarily for those with very little photography experience. 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.
MWF 1:00-2:15

S 200 EXPERIMENTAL PHOTOGRAPHY (2) Haar
Photography for advanced students. The camera as a tool of expression, photo-aesthetics, 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.
TTh 1:00-3:00

Political Science

S 110 INTRODUCTION TO POLITICAL SCIENCE (3) Kariel
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 384 THE LEGISLATIVE PROCESS (3) Schmidt
The lawmaking process in the United States. Role of the representative assemblies, the executive branch, interest groups, and the public.
Daily 8:45-10:00

S 404 MODERN POLITICAL IDEOLOGIES (3) Kariel
Survey of political ideologies such as communism, fascism, socialism.
Daily 10:10-11:25

S 445 COMPARATIVE GOVERNMENT AND POLITICS IN THE MIDDLE EAST (2) Hanossian
An examination of the constitutional structure of governmental machinery of Turkey, Iran, Israel, and the Arab states. An investigation of the diverse political ideologies now active in the Middle East. Special emphasis on those forces acting on the actual operation of government.
Daily 7:45-8:35

S 446 GOVERNMENT AND POLITICS OF THE USSR (3) Turner
Historical, social, political, and ideological factors in the development of political institutions in the Soviet Union.
Daily 8:45-10:00
FIRST TERM

S 462 INTERNATIONAL RELATIONS OF THE FAR EAST (3) Levi
Rise and fall of eastern Asia and the re-emergence of this area as a pivotal factor in world politics.
Daily 10:10–11:25

S 463 INTERNATIONAL RELATIONS OF SOUTH AND SOUTHEAST ASIA (3) Levi
Emergence from colonialism of these new states. “Neutralism”; intra-regional struggles; cooperation; Afro-Asian bloc; United Nations activities.
Daily 7:20–8:35

S 465 INTERNATIONAL RELATIONS OF THE MIDDLE EAST (2) Hanessian
Decline of British and French influence; growth of United States and Soviet influences; rise of Arab nationalism and its international repercussions; the Palestine problem; development problems; economic, social, political. Although primary coverage would be of events since World War II, important historical elements will also be included.
Daily 10:10–11:00

S 481 AMERICAN POLITICAL PARTIES (3) Tuttle
Organization, methods, and functions of political parties, with special attention to the electoral and organizational aspects of party behavior.
Daily 10:10–11:25

S 500 PUBLIC ADMINISTRATION (3) Schmidt
Relationship of administration to policy-forming agencies and to the courts; structure of administration; devices for integration; related materials.
Daily 11:35–12:50

S 640 POLITICS OF NATIONAL DEVELOPMENT (3) Turner
Processes in building new and larger forms of political association in “old” and “newly emergent” nations; techniques; role of political values.
Daily 11:35–12:50

S 681 PUBLIC POLICY DEVELOPMENT (2) Tuttle
Comprehensive review and analysis of the process whereby public policies are formulated.
Daily 9:10–10:00

Psychology

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

S 102 GENERAL PSYCHOLOGY (4)
Principles of human behavior. Individual differences, personality, motivation, emotion, sensing, perceiving, learning, and thinking. Not open to those who have had 104.
Daily 8:45–10:00 Laboratory MW 10:10–12:00, or 1:30–3:20 TTh 10:10–12:00

S 104 INTRODUCTION TO PSYCHOLOGY (3) Blanchard
Similar to 102 but without laboratory. Not open to those who have had 102, or to Arts and Sciences students.
Daily 7:20–8:35

S 220 STATISTICAL TECHNIQUES (2) Insko
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
FIRST TERM

S 250  DEVELOPMENTAL PSYCHOLOGY (3)  Weatherley
   Physical, emotional, intellectual, and social development from infancy through adulthood.
   Daily 7:20-8:35

S 280  PSYCHOLOGY OF ADJUSTMENT (3)  Arkoff
   Understanding improving personal adjustment. Adjustment in family, school, vocation, sex, marriage, and later maturity. Not open to psychology majors.
   Daily 10:10-11:25

S 306  PSYCHOLOGY OF LEARNING (3)  Kimble
   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)  Insko
   Psychology of human relations; psychological factors that determine the behavior of an individual in his social relationships.
   Daily 8:45-10:00

S 460  PSYCHOLOGY OF PERSONALITY (2)  Weatherley
   Theory and methods in study of behavioral organization and continuity; case study.
   Daily 9:10-10:00

S 480  ABNORMAL PSYCHOLOGY (2)  Blanchard
   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(3)  SEMINAR: STATISTICS AND MEASUREMENTS (2)  Winer
   Multivariate analysis.
   Daily 12:00-12:50

S 600(4)  SEMINAR: EXPERIMENTAL (2)
   Problems in experimental psychology.
   Daily 10:35-11:25

S 600(7)  SEMINAR: SOCIAL PSYCHOLOGY (2)  Campbell
   Research methods in social psychology.
   Daily 7:45-8:35

S 600(8)  SEMINAR: DEVELOPMENTAL (2)  Brackbill
   Problems in developmental psychology.
   Daily 7:45-8:35

S 600(11)  SEMINAR: COUNSELING (2)  Wright
   Self-concept and the perception of interpersonal relations.
   Daily 9:10-10:00

S 600(12)  SEMINAR: LEARNING (2)  Kimble
   Classical conditioning in relation to problems of awareness and volition.
   Daily 12:00-12:50

S 621  QUANTITATIVE METHODS II (3)  Winer
   Advanced statistical techniques, including analysis of variance. Prerequisite: 620.
   Daily 8:45-10:00

S 650  DEVELOPMENTAL PSYCHOLOGY I (3)  Brackbill
   Theoretical movements and research in child and adolescent psychology.
   Daily 11:35-12:50
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<tr>
<td>S 662</td>
<td>Social Psychology (3)</td>
<td>Campbell</td>
<td>Traditional problems of social psychology interpreted in terms of perception and learning theories. Daily 10:10-11:25</td>
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**Public Health**

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<tr>
<td>S 699</td>
<td>Directed Research (Var.)</td>
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<tr>
<td>S 710</td>
<td>Advanced Public Health Practice (3)</td>
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<td>Directed field studies and observation in the different health specialties. Prerequisite: consent of instructor. Hrs. arr.</td>
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**Religion**

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<tr>
<td>S 151</td>
<td>Religion and the Meaning of Existence (3)</td>
<td>Hutchison</td>
<td>An introduction to the basic ideas and issues of contemporary religious thought as they are related to the question, “What is the meaning of existence?” Among the issues to be discussed are the meaning of man’s search for himself; the nature of man; the content of such basic concepts as God, faith, estrangement, and reconciliation. Daily 10:10-11:25</td>
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<tr>
<td>S 201</td>
<td>Understanding the New Testament (2)</td>
<td>Hutchison</td>
<td>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</td>
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<td>S 250</td>
<td>The Living Religions of Hawaii (2)</td>
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<td>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</td>
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**Russian**

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<tr>
<td>S 101</td>
<td>Elementary Russian (3)</td>
<td>Holden</td>
<td>An intensive course in conversation, reading, writing, and grammar 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. Daily 9:10-11:00 Laboratory, daily by arrangement</td>
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**Social Work**

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<tr>
<td>S 661</td>
<td>Supervised Field Work (3)</td>
<td>University units in public and private agencies. Concurrent with a method course (casework, group work, or community organization). Limited to full-time students. Hrs. arr.</td>
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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)  Krauss, Yinger
(2 sections)
Basic social relationship, norms, social structures, processes affecting social change. Not open to juniors or seniors.
Daily (1) 7:20- 8:35 (Krauss)
(2) 10:10-11:25 (Yinger)

S 155  THE SOCIOLOGY OF SOCIAL PROBLEMS (2)  McDonagh
Nature of social problems, their relations to basic technological, institutional, and value structures.
Daily 7:45-8:35

S 201  PRINCIPLES OF SOCIOLOGY (3)  Noland
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 8:45-10:00

S 446  PEOPLE AND INSTITUTIONS OF JAPAN (2)  Yamamoto
Social structure and social change in contemporary Japan. Special attention to the family, stratification, and mobility.
Daily 10:10-11:00

S 450  RACE AND CULTURE CONTACTS IN HAWAII (3)  Yamamoto
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 458  RACE RELATIONS (2)  Rose
Race relations in world perspective; typical situations; conflict and accommodation; caste; race prejudice, miscegenation; effects upon personality.
Daily 10:10-11:00

S 462  THE AMERICAN SOCIETY (3)  McDonagh
Technology, normative structure, value system, stratification, and major institutions. Their interaction and change.
Daily 8:45-10:00

S 486  INDUSTRIAL SOCIOLOGY (2)  Noland
Daily 10:10-11:00

S 490  SOCIAL STRATIFICATION (2)  Krauss
Analysis of social class; local and national stratification patterns; social mobility in industrial and non-industrial societies.
Daily 9:10-10:00

S 524  PERSONALITY AND CULTURE (3)  Rose
Origin and development of personality as the subjective aspect of culture; function of communication; human nature and the mores; personal life organization.
Daily 8:45-10:00
S 540 COLLECTIVE BEHAVIOR (2) Yinger
Elementary forms of collective behavior; social unrest; crowd, public mass behavior; operation of publics in democratic societies.
Daily 9:10–10:00

S 546 PUBLIC OPINION AND THE COMMUNITY (3) McPhee
Nature and functions of public opinion in the contemporary world. Formation and polling. Problems of interviewing and sampling.
Daily 10:10–11:25

S 580 SOCIOLOGICAL THEORY (2) McPhee
History of sociology as reflected in writings ranging from early Greek thought to modern authors such as Durkheim, Pareto, Simmel, Parsons, Merton.
Daily 11:35–12:25

Spanish

S 101 ELEMENTARY SPANISH (3) Knowlton, Varela-Ibarra
(3 sections)
An intensive beginning course primarily emphasizing oral practice 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.
Daily (1) 8:10–10:00 Laboratory, daily 7:10–7:55, or 8:10–8:55,
(2) 9:10–11:00 (Varela-Ibarra) or 9:10–9:55, or 10:10–10:55,
(3) 10:10–12:00 (Knowlton) or 11:10–11:55, or 12:10–12:55

S 151 INTERMEDIATE SPANISH (3) Holton, Montes
(2 sections)
Continuation of oral practice with increasing emphasis on reading and written 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.
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 260 SPANISH AND SPANISH-AMERICAN CIVILIZATION (3) Baciu
A survey of the culture and institutions of modern Spain and Spanish America, with some attention to their historical backgrounds. The equivalent of a full semester's work in the academic year.
Daily 11:10–1:00

Speech

S 110 SOUNDS OF ENGLISH FOR PROSPECTIVE TEACHERS (1) Larson, Watson
(2 sections)
Sounds and rhythms of general American speech. Techniques for correction of faulty pronunciation and improvement of rhythm.
Daily (1) 10:10–11:00 (Watson)
(2) 11:35–12:25 (Larson)

S 130 READING ALOUD (3) Linn
(2 sections)
Study of the relationships between silent and oral reading with intensive practice in getting and giving the meaning from the printed page.
Daily (1) 8:45–10:00
(2) 11:35–12:50

S 140 FUNDAMENTALS OF ORAL COMMUNICATION (2) Bushman, Chess, Krause, Oxford, Yuhas
(5 sections)
Communication for social interaction. Speech production; organization of ideas;
training for mastery of speech standards. Conferences required.
Daily (1) 9:10-10:00 (Chess)
(2) 10:10-11:00 (Krause)
(3) 10:10-11:00 (Oxford (For Keio program only)
(4) 11:35-12:25 (Yuhas)
(5) 11:35-12:25 (Bushman)

5 150 PUBLIC SPEAKING (3) Burgess, Oxford
(2 sections)
Basic principles of speech composition and delivery; preparation and delivery of speeches with attention to principles studied; special attention to individual problems.
Daily (1) 8:45-10:00 (Oxford)
(2) 10:10-11:25 (Burgess)

5 210 PHONETICS (2) (For Keio program only) Phelps
(2 sections)
The phonology of American English; standards of pronunciation; dialects.
Daily (1) 7:45- 8:35
(2) 9:10-10:00

5 220 INTRODUCTION TO SPEECH CORRECTION (3) Bowler
Survey of the field of speech correction; study of defective articulation, delayed speech, voice problems, cleft palate, cerebral palsy, stuttering, and language disorders.
Daily 11:35-12:50

5 222 INTRODUCTION TO AUDIOLOGY (3) Ansborry
Basic principles of hearing rehabilitation; hearing problems and their treatment.
Daily 8:45-10:00

5 270 INTRODUCTION TO BROADCASTING (3) Chess
Analysis and survey of radio and television as communications media and as industries.
Daily 11:35-12:50

5 335 STORYTELLING (2) Breneman
The oral story as a device for entertainment, for teaching, for occupational therapy, and for library programs.
Daily 9:10-10:00

5 365 SPEECH FOR THE CLASSROOM TEACHER (3) Breneman, Krause, Larson, Watson, Yuhas
Pedagogy for the classroom teacher. Integration of speech improvement in the curriculum; speech problems of Hawaii.
Daily (1) 7:20- 8:35 (Watson) (Elementary)
(2) 8:45-10:00 (Krause) (Secondary)
(3) 8:45-10:00 (Larson) (Elementary)
(4) 10:10-11:25 (Yuhas) (Secondary)
(5) 11:35-12:50 (Breneman) (Elementary)

5 465 ORGANIZATION AND ADMINISTRATION OF HIGH SCHOOL SPEECH PROGRAMS (4) (Speech Institute) Klopf, Hayne, Borquist
(same as Educ SE S 465)
Study of the philosophy, organization, and administration of speech activities and festivals, including debate, discussion, extemporaneous speaking, and the interpretative arts. Practical training and 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.
Daily Hrs. arr.
SECOND TERM

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 Hrs. arr.

S 598 SPECIAL PROBLEMS (1–2)
(1) General speech education; (2) speech correction; (3) phonetics; (4) interpretation; (5) forensics, public address; (6) radio; (7) pedagogy; (8) audiology; (9) speech and hearing science. Prerequisite: permission of chairman and of instructor.

S 623 ADVANCED PRACTICUM IN SPEECH PATHOLOGY (3) Bowler
Clinical practice in diagnostic and therapeutic procedures; emphasis placed upon complex problems such as delayed speech, language problems, aphasia, and stuttering.
Hrs. arr.

S 626 SEMINAR IN AUDIOLOGY (3) Ansberry
Review of research and literature in the field of hearing. May be repeated.
Hrs. arr.

S 653 CLASSICAL RHETORICAL THEORY (3) Berquist
Significant movements in the development of rhetorical theory and criticism.
Hrs. arr.

S 699 RESEARCH (Arr.)
(See sections under Speech 598.)
Prerequisite: undergraduate major in speech; consent of adviser or recommendation of department.
Hrs. arr.

Thai

S 101 ELEMENTARY THAI (3)
Conversation with laboratory drill. Equivalent to the first semester's work in the academic year. One period of laboratory drill daily is required.
Daily 10:10–12:00 Laboratory, daily by arrangement

S 151 INTERMEDIATE THAI (3)
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.
Daily 8:10–10:00 Laboratory, daily by arrangement

SECOND TERM August 2—September 10

Anthropology

S 150 INTRODUCTION TO ANTHROPOLOGY (3) Brant
Human evolution; prehistoric development of culture; recent and contemporary man; common features and principal variations in cultural behavior.
Daily 8:45–10:00
SECOND TERM

S 200 CULTURAL ANTHROPOLOGY (2)  
Brant
The nature of culture; basic concepts for analyzing cultural behavior, patterning, integration, and dynamics of culture; culture and the individual.  
Daily 11:35-12:25

Business Administration

Accounting

S 101 ELEMENTARY ACCOUNTING (3)  
S. Lee
Theory and practice of income determination and asset valuation. Preparation and analysis of statements; uses for decision making. Prerequisite: sophomore standing.  
MWF 7:45-9:25  
Laboratory TTh 7:45-9:45

S 201 INTERMEDIATE ACCOUNTING (3)  
S. Lee
Critical examination of generally accepted accounting principles as applied to preparation and use of financial statements. Prerequisite: 101.  
Daily 10:10-11:25

Business Analysis and Statistics

S 301 BUSINESS STATISTICS (3)  
Sasaki
Principles of statistical inference including frequency distribution, averages, variation, testing hypotheses, estimation of population mean, index numbers, time series, correlation, probability, sampling, chi square and F distribution, analysis of variance. Utilization of statistical data as an aid to managerial decisions.  
Daily 8:45-10:00

Business Economics

S 150 PRINCIPLES OF ECONOMICS (3)  
Kamins, Kirkpatrick
(2 sections) (same as Economics S 150)
Principles of production, income, prices, and distribution in the American economy.  
Daily 8:45-10:00 (Kamins)  
10:10-11:25 (Kirkpatrick)

Chinese

S 102 ELEMENTARY MANDARIN—CONVERSATION (3)  
Continuation of S 101; the equivalent of the second semester's work in the academic year. Students completing this course may take Intermediate Chinese. One period of laboratory drill daily is required.  
Daily 8:10-10:00  
Laboratory, daily by arrangement

S 104 ELEMENTARY MANDARIN—READING (3)  
Continuation of S 103; the equivalent of the second semester's work in the academic year.  
Daily 10:10-12:00

S 112 INTENSIVE INTERMEDIATE CHINESE (6)  
An intensive course equivalent to the intermediate Chinese in the academic year. Includes all four skills: listening, speaking, reading, and writing. In addition to 25 hours of class work a week for 6 weeks, two periods of laboratory drill daily are required.  
Daily 8:10-11:00, 1:10-3:00  
Laboratory, daily by arrangement

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.  
Daily 11:10-1:00  
Laboratory, daily by arrangement
S 154 INTERMEDIATE MANDARIN—READING (3)
Continuation of S 153; the equivalent of the second semester’s work in the academic year.
Daily 8:10-10:00

S 202 ADVANCED CHINESE—CONVERSATION (3)
Continuation of S 201. One period of laboratory drill daily is required.
Daily 8:10-10:00
Laboratory, daily by arrangement

S 212 THIRD-YEAR CHINESE—CLASSICAL (3)
Continuation of S 211; the equivalent of the second semester’s work in the academic year.
Daily 9:10-11:00

S 418 FOURTH-YEAR CHINESE (3)
Continuation of S 417; the equivalent of the second semester’s work in the academic year.
Daily 9:10-11:00

Criminology

S 405 POLICE SUPERVISION AND ADMINISTRATION (5) Bristow
Designed to present the techniques of leadership for officers in line supervisory positions, stressing human relations aspects, and presenting a variety of special administrative topics in which new techniques have been developed. Included are disaster supervision, patrol distribution, press relations, field supervision, performance rating, civil liability, and methods of supplementing manpower.
Daily 9:10-11:25

Economics

S 150 PRINCIPLES OF ECONOMICS (3) Kamins, Kirkpatrick
(2 sections) (same as Business Economics S 150)
Principles of production, income, prices, and distribution in the American economy.
Daily 8:45-10:00 (Kamins)
10:10-11:25 (Kirkpatrick)

S 300 INTERMEDIATE ECONOMIC THEORY: PRICE THEORY (3) Uzawa
Price determination and resource allocation under competition, monopoly, oligopoly, monopolistic competition. Theories of demand, cost, partial, general equilibrium.
Daily 10:10-11:25

S 420 QUANTITATIVE METHODS IN ECONOMIC ANALYSIS (3) Uzawa
Designed to give students working knowledge of elements of algebra and calculus, and to apply such mathematics to solution of economic problems. Includes matrix algebra, elements of differential and integral calculus, differential equations and economic model building. Prerequisite: 150–151.
Daily 8:45-10:00

Education

Educational Administration

EA S 501 ELEMENTARY SCHOOL PRINCIPALS WORKSHOP: ADMINISTRATIVE LEADERSHIP FOR THE CHANGING SCHOOL PROGRAM (3) Eaves
The workshop program will stress leadership skills on the part of the elementary school principal in working with the administrative staff, teachers, children, and the community. Some time will be devoted to evaluating innovations in education and skills involved in bringing about change in the school program. The Whitman
SECOND TERM

*Simulated Materials* will be used. August 2-20.
Daily 9:00-12:00

**EA S 750 INSTITUTE ON THE COMMUNITY COLLEGE (4)** Johnson
The Community College: Study of selected junior college problems and developments: administration, student personnel services, curriculum. August 2-27.
Daily 9:00-12:00

**Educational Psychology**

**EP S 309 TESTS AND MEASUREMENTS (3)** Finloy
Theory and techniques of evaluation in education. Prerequisite: EE 221, S 222, or SE 230.
Daily 8:45-10:00

**EP S 372 EDUCATIONAL PSYCHOLOGY (3)** Finloy
Major factors of learning and mental health as they apply to the educative process. Prerequisite: Psychology 250.
Daily 10:10-11:25

**EP S 510 EDUCATION OF EXCEPTIONAL CHILDREN (3)** Hahn
A basic survey course covering recognized types of exceptionality. August 2-27.
Daily 8:00-9:55

**EP S 515(1) FIELD PROBLEMS IN TEACHING EXCEPTIONAL CHILDREN: EDUCABLE MENTALLY RETARDED (3)** Hahn
Field problems faced by teachers of exceptional children; analysis of recent research findings in terms of their application to a specific area of exceptionality. August 2-27.
Daily 10:15-12:10

**Elementary Education**

**EE S 225 CHILDREN’S LITERATURE (2)** Huck
Acquaintance with a wide range of children’s books; criteria for judging literature on the basis of needs and interests. Prerequisite: EE 220. August 2-20.
Daily 8:20-10:00

**EE S 325 TRENDS IN THE TEACHING OF ELEMENTARY MATHEMATICS (2)** Brown
Mathematical content necessary for effective use of newer approaches; nature of number systems; introduction to the theory of numbers; basic concepts of algebra; foundations in geometry. Prerequisite: EE 220. Open for credit to students who took elementary math methods prior to September 1962. August 2-20.
Daily 10:10-11:50

**Health and Physical Education**

**HPE S 130 PERSONAL HYGIENE (1)** Chui
(3 sections)
Daily 9:10-10:00
10:10-11:00
11:10-12:00

**HPE S 211 METHODS AND MATERIALS OF AQUATICS AND LIFE SAVING (2)** Saake
A review of methods for teaching aquatic sports and a review of the skills of (A.R.C.) life saving. Considerable practical work in individual swimming and life saving techniques. Red Cross certificate may be earned. Prerequisite: ability to swim 100 yards or consent of instructor. August 16-September 3.
Daily 10:30-12:20

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SECOND TERM

HPE S 221 PHYSICAL EDUCATION, ELEMENTARY (2)  
(2 sections)  
Content and method for programs on the elementary school level. Adaptations to meet situations with like groups outside school. August 2–27.  
Daily 8:00–9:45  
10:10–11:55

HPE S 230 SCHOOL HEALTH PROBLEMS (2)  
(2 sections)  
Health needs of the school child and principles, methods, and materials applicable to the school health program. August 2–20.  
Daily 8:10–10:00 (Elementary)  
10:10–12:00 (Secondary)

HPE S 234 SAFETY PROCEDURES AND FIRST AID (2)  
Prevention and emergency treatment of injuries, emphasis upon school, playground, and athletic situations. Practical work in first aid. Red Cross certificate may be earned. August 16–September 3.  
Daily 8:00–9:50

English

S 101 EXPOSITORY WRITING (FIRST SEMESTER) (3)  
(Staff)  
Training in analysis of expository essays; introduction and practice of principal expository procedures, including assertion, exemplification, definition, classification. For all students qualifying in university entrance examinations. (English 101 in the summer session is not recommended for students who have taken English 101 previously and received a grade of F.)  
Daily 10:10–11:25

S 150 MAJOR WORKS OF BRITISH AND AMERICAN LITERATURE (3)  
(Staff)  
From the Middle Ages to 1800; an introductory course for sophomores.  
Daily 8:45–10:00

French

S 102 ELEMENTARY FRENCH (3)  
(2 sections)  
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.  
Daily (1) 8:10–10:00  
Laboratory, daily 7:10–7:55, or 8:10–8:55, or 10:10–10:55, or 11:10–11:55
(2) 9:10–11:00

S 152 INTERMEDIATE FRENCH (3)  
(Douyere)  
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.  
Daily 8:10–10:00  
Laboratory, daily 7:10–7:55, or 10:10–10:55

S 212 CONVERSATION AND COMPOSITION (3)  
(Gray)  
Continuation of S 211; the equivalent of the second semester’s work in the academic year. One period of lab drill daily is required.  
Daily 10:10–12:00  
Laboratory, daily by arrangement

Geography

S 102 WORLD REGIONAL GEOGRAPHY (3)  
(Pirie)  
The geography of the world’s major cultural regions with emphasis on contemporary economic, social, and political conditions.  
Daily 8:45–10:00
S 556 GEOGRAPHY OF SOUTHEAST ASIA (3)  
Luna
Daily 10:10-11:25

German

S 102 ELEMENTARY GERMAN (3)  
Engelen, Kotte-Rackley
(2 sections)
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 151 or 153, or both. One period of lab drill daily is required.
Daily (1) 8:10-10:00 (Kotte-Rackley)  
Laboratory, daily 7:10-7:55, or 8:10-8:55,
(2) 9:10-11:00 (Engelen)  
or 10:10-10:55, or 11:10-11:55

S 152 INTERMEDIATE GERMAN (3)  
Brown
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.
Daily 10:10-12:00 Laboratory, daily 9:10-9:55, or 12:10-12:55

S 154 INTERMEDIATE: SCIENCE GERMAN (3)  
R. Boel
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.
Daily 9:10-11:00

Hawaiian

S 102 ELEMENTARY HAWAIIAN (3)  
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 lab drill daily is required.
Daily 9:10-11:00 Laboratory, daily by arrangement

Hindi

S 102 ELEMENTARY HINDI (3)  
Continuation of S 101; the equivalent of the second semester's work in the academic year. One period of lab drill daily is required.
Daily 10:10-12:00 Laboratory, daily by arrangement

S 152 INTERMEDIATE HINDI (3)  
Continuation of S 151; the equivalent of the second semester's work in the academic year. One period of lab drill daily is required.
Daily 11:10-1:00 Laboratory, daily by arrangement

History

S 151 WORLD CIVILIZATION (3)  
Ernest
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.
Daily 8:45-10:00

S 152 WORLD CIVILIZATION (3)  
Dawn
Continuation of the history of world civilization from the seventeenth century to the present day.
Daily 8:45-10:00

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SECOND TERM

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 342  HISTORY OF THE FAR EAST  (3)  Shinoda
Survey of the political, social, and economic history of the Far East as a unit.
Daily  11:35–12:50

S 530  HISTORY OF SOUTHEAST ASIA  (3)  Van Niel
Historical survey of southeast Asian civilizations and states, including Burma, Thailand, Laos, Cambodia, Vietnam, Malaysia, Indonesia, and the Philippines.
Daily  8:45–10:00

Indonesian

S 102  ELEMENTARY INDONESIAN  (3)
Continuation of S 101; the equivalent of the second semester's work in the academic year. One period of laboratory drill daily is required.
Daily  10:10–12:00 Laboratory, daily by arrangement

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.
Daily  8:10–10:00 Laboratory, daily by arrangement

Japanese

S 102  ELEMENTARY JAPANESE—CONVERSATION  (3)
Continuation of S 101; the equivalent of the second semester's work in the academic year. Students completing this course may take Intermediate Japanese—Conversation. One period of laboratory drill daily is required.
Daily  10:10–12:00 Laboratory, daily 9:10–9:55, or 12:10–12:55

S 104  ELEMENTARY JAPANESE—READING  (3)
Continuation of S 103.
Daily  10:10–12:00

S 112  INTENSIVE INTERMEDIATE JAPANESE  (6)
An intensive course equivalent to the intermediate Japanese in the academic year. Includes all four skills: listening, speaking, reading, and writing. In addition to 25 hours of class work a week for 6 weeks, two periods of laboratory drill daily are required.
Daily  8:10–11:00, 1:10–3:00 Laboratory, daily by arrangement

S 152  INTERMEDIATE JAPANESE—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.
Daily  8:10–10:00 Laboratory, daily 7:10–7:55, or 10:10–10:55

S 154  INTERMEDIATE JAPANESE—READING  (3)
Continuation of S 153; the equivalent of the second semester's work in the academic year.
Daily  10:10–12:00

S 202  ADVANCED JAPANESE—CONVERSATION  (3)
Continuation of S 201. One period of laboratory drill daily is required.
Daily  9:10–11:00 Laboratory, daily by arrangement

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SECOND TERM

S 212  THIRD-YEAR JAPANESE (3)
Continuation of S 211; the equivalent of the second semester’s work in the academic year.
Daily 11:10–1:00

S 416  JAPANESE GRAMMAR—COLLOQUIAL (3)
Continuation of S 415; the equivalent of the second semester’s work in the academic year. August 2–20.
Daily 1:10–2:30, 3:10–4:30

S 418  FOURTH-YEAR JAPANESE (3)
Continuation of S 417; the equivalent of the second semester’s work in the academic year.
Daily 9:10–11:00

Korean

S 102  ELEMENTARY KOREAN (3)
Continuation of S 101; the equivalent of the second semester’s work in the academic year. One period of laboratory drill daily is required.
Daily 11:10–1:00  Laboratory, daily by arrangement

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.
Daily 10:10–12:00  Laboratory, daily by arrangement

Latin

S 102  ELEMENTARY LATIN (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 Latin.
Daily 8:10–10:00

Mathematics

S 102  PLANE TRIGONOMETRY (3)
(2 sections)
Prerequisite: two years of high school algebra; one year of plane geometry.
Daily 7:20–8:35
7:20–8:35

S 103  COLLEGE ALGEBRA (3)
(4 sections)
Prerequisite: facility in trigonometry or concurrent registration in 102.
Daily 8:45–10:00
8:45–10:00
10:10–11:25
10:10–11:25

S 112  ALGEBRA (3)
(2 sections)
A deductive treatment of elementary and intermediate algebra, emphasizing the concepts of function, identity, and equation. Prerequisite: 111 or equivalent.
Daily 8:45–10:00
8:45–10:00

S 114  CALCULUS (3)
(2 sections)
An intuitive introduction to the derivative, the definite integral, and their applica-
tions. Prerequisite: 113 or equivalent.
Daily 10:10-11:25
10:10-11:25

S 135 CALCULUS I (4)
(2 sections)
Basic concepts and techniques, derivatives, conics, and integrals. Prerequisite: 103 or two years of high school algebra and trigonometry.
Daily 7:00-8:35
7:00-8:35

S 141 ANALYTIC GEOMETRY AND CALCULUS II (3)
Continuation of Math 140 with emphasis on the integral calculus. Prerequisite: 140.
Daily 8:45-10:00

S 142 CALCULUS III (3)
Techniques of integration with applications. Prerequisite: 141.
Daily 10:10-11:25

S 143 CALCULUS IV (3)
Partial differentiation, multiple integration, and elementary differential equations. Prerequisite: 142.
Daily 8:45-10:00

S 352 NON-EUCLIDEAN GEOMETRIES (3)
Study of spherical, hyperbolic, parabolic, and finite geometries. Prerequisite: 351 or consent of department.
Daily 7:20-8:35

S 402 DIFFERENTIAL EQUATIONS II (3)
Daily 8:45-10:00

S 422 MATRICES AND THEORY OF EQUATIONS (3)
Algebra of matrices, linear equations, real vector spaces and transformations. Prerequisite: 143.
Daily 10:10-11:25

Music

S 150 ELEMENTARY MUSICIANSHIP (3)
Trubitt
Terminology, notation, sight singing, rhythmic and melodic dictation, and ukulele instruction. For prospective teachers. Not open to those who have had 140.
Daily 10:10-11:25

S 160 INTRODUCTION TO MUSIC LITERATURE (3)
Vaught
Orchestral literature from the classical through the modern period. From the listener's point of view.
Daily 8:45-10:00

Philosophy

S 100 INTRODUCTION TO PHILOSOPHY (3)
Haynes
Problems, methods, and fields of philosophy.
Daily 8:45-10:00

Political Science

S 110 INTRODUCTION TO POLITICAL SCIENCE (3)
Burks
Role of government in modern society. Types and practices of government; processes of political change; citizen participation. Not open to juniors or seniors.
Daily 10:10-11:25
SECOND TERM

S 447 POLITICS AND DIPLOMACY OF MODERN JAPAN (2) Burks
A consideration of the forces governing Japan’s prewar international course, followed by detailed discussion of the bases of postwar foreign policy. Particular emphasis will be placed on Japan’s emerging relationships with the other nations of Asia and the ex-colonial world. Daily 7:45-8:35

Psychology

S 104 INTRODUCTION TO PSYCHOLOGY (3) Weaver
Similar to Psychology 102 but without laboratory. Not open to those who have had 102, or to Arts and Sciences students. August 2-20. Daily 7:30-10:00

Russian

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. Daily 9:10-11:00 Laboratory, daily by arrangement

Sociology

S 151 INTRODUCTION TO THE STUDY OF SOCIETY (3) Scott
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) Scott
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 8:45-10:00

Spanish

S 102 ELEMENTARY SPANISH (3) Varela-Ibarra
(2 sections)
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. Daily (1) 8:10-10:00 Laboratory, daily 7:10-7:55, or 8:10-8:55, (2) 9:10-11:00 (Varela-Ibarra) or 10:10-10:55, or 11:10-11:55

S 152 INTERMEDIATE SPANISH (3) Sweet
(2 sections)
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. Daily (1) 9:10-11:00 Laboratory, daily 8:10-8:55, or 9:10-9:55, (2) 10:10-12:00 (Sweet) or 11:10-11:55, or 12:10-12:55

S 261 SPANISH AND SPANISH-AMERICAN CIVILIZATION (3) Baciu
Continuation of S 260; the equivalent of the second semester’s work in the academic year. Daily 11:10-1:00

Speech

S 140 FUNDAMENTALS OF ORAL COMMUNICATION (2) Domenico, Hoffman, Oxford
(3 sections)
Communication for social interaction. Speech production; organization of ideas;
training for mastery of speech standards. Conference required.
Daily (1) 7:45-8:35 (Domenico)
(2) 9:10-10:00 (Hoffman)
(3) Hrs. arr. (Oxford) (For Keio program only)

S 150 PUBLIC SPEAKING (3) Domenico, Hoffman
(2 sections)
Basic principles of speech composition and delivery; preparation and delivery of
speeches with attention to principles studied; special attention to individual problems.
Daily (1) 8:45-10:00 (Domenico)
(2) 10:10-11:25 (Hoffman)

S 598 SPECIAL PROBLEMS (2) (For Keio program only) Phelps
Phonetics, area 3 only.
Daily (1) 7:45– 8:35
(2) 9:10–10:00

S 699 RESEARCH (1–2)
(1) General speech education; (2) speech correction; (3) phonetics; (4) interpre-
tation; (5) forensics, public address; (6) radio; (7) pedagogy; (8) audiology;
(9) speech and hearing science.
Permission of the chairman and of the instructor required.

Thai

S 102 ELEMENTARY THAI (3)
Continuation of S 101; equivalent to the second semester’s work in the academic
year. One period of laboratory drill daily is required.
Daily 10:10–12:00 Laboratory, daily by arrangement

S 152 INTERMEDIATE THAI (3)
Continuation of S 151; equivalent to the second semester’s work in the academic year.
One period of laboratory drill daily is required.
Daily 8:10–10:00 Laboratory, daily by arrangement

HILO CAMPUS

Anthropology HS 370 FIELD ARCHEOLOGY IN OCEANIA (3) Bonk
Survey and excavation of prehistoric sites. Recording and analysis of data. Sup-
ervised field work in Hawaii. Permission of instructor required.

Anthropology HS 371 LABORATORY TECHNIQUES IN ARCHEOLOGY (3) Bonk
Training in laboratory methods and techniques of dealing with archeological prob-
lems. A special problem will be assigned to each student for analysis and presenta-
tion. Permission of instructor required.

Art HS 101 INTRODUCTION TO THE VISUAL ARTS (3) H. Droste
Nature of visual art and its expression in various forms. Lectures, demonstrations.

Chemistry HS 106 GENERAL CHEMISTRY-QUALITATIVE ANALYSIS (5) Dority
Principles, theories, and elementary analytical methods. Desirable preparation for
all subsequent chemistry courses. This course will be open to selected high school
graduates who will, upon successful completion of this course, be admitted in the
regular semester to the second year chemistry course. Permission of the instructor
is required for these students.
Education EE HS 222 PRINCIPLES OF ELEMENTARY EDUCATION (4) Fukuda
A survey of the principles of elementary education for teachers with less than professional certification. Credit applies toward certificate but not toward B.Ed. May not be taken for credit by persons who have credit in EE 220, 221. Prerequisite: Psychology 250.

Education EP HS 309 TESTS AND MEASUREMENTS (3) McKay
Theory and techniques of evaluation in education. Prerequisite: EE 221, EE S 222, or SE 230.

English HS 101 EXPOSITORY WRITING (3)
Principles and practice of composition—expository forms. For all students qualifying in University entrance examinations.

English HS 150 MAJOR WORKS OF BRITISH AND AMERICAN LITERATURE (3)
Literature from the Middle Ages to 1900. This course is prerequisite to all advanced courses in English.

French HS 101 ELEMENTARY FRENCH (3) Fotos
An intensive course in reading, writing, and conversation with additional oral practice in the language laboratory.

French HS 151 INTERMEDIATE FRENCH (3) Fotos
Reading, conversation, dictation, grammar review with additional oral practice in the language laboratory.

HPE HS 103 BADMINTON (1) Yamano

HPE HS 105 RHYTHMIC ACTIVITIES—SOCIAL DANCING (1) Yamano

History HS 151 WORLD CIVILIZATIONS (3)
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, to the seventeenth century.

History HS 171 INTRODUCTION TO AMERICAN HISTORY (3)
A general survey of the evolution of the United States from Columbus’ voyages to the present, emphasizing the political and social forces that have operated and that continue to guide the nation in the twentieth century.

History HS 511 HISTORY OF LATIN AMERICA (3)
Political, economic, and social development of the Latin-American republics from colonial times to the present.

Mathematics HS 103 COLLEGE ALGEBRA (3) Edwards

Oceanography HS 201 SCIENCE OF THE SEA (3) Little
Origin, history, water movements, chemical composition, sediments, plant and animal life, productivity and resources. An interdepartmental offering.

Philosophy HS 100 INTRODUCTION TO PHILOSOPHY (3) Moon
Problems, methods, and fields of philosophy.

Political Science HS 110 INTRODUCTION TO POLITICAL SCIENCE (3) Markey
Role of government in modern society. Types and practices of government; processes of political change; citizen participation. Not open to juniors or seniors.

Sociology HS 151 INTRODUCTION TO THE STUDY OF SOCIETY (3) Markey
Basic social relationships, norms, social structures, processes affecting social change.

Speech HS 150 PUBLIC SPEAKING (3) Yonan
Basic principles of speech composition and delivery; preparation and delivery of speeches with attention to principles studied.