1968 summer session
Forty-second Annual summer session
1968 CALENDAR

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First Term (June 17–July 26)

- May 15-18 .................................. Early registration (for residents of Hawaii)
- June 17, Monday ................................ Regular registration
- June 18, Tuesday ................................ Instruction begins
- June 21, Friday ................................ Last day of registration for credit
- June 24, Monday ................................ Last day for withdrawal from courses without grade penalty
- July 4, Thursday .................................... Legal holiday
- July 19, Friday ................................ Last day for withdrawal from courses
- July 26, Friday .................................... First term ends

Second Term (July 29–September 6)

- July 29, Monday ................................ Registration
- July 30, Tuesday ................................ Instruction begins
- August 2, Friday ................................ Last day of registration for credit
- August 4, Sunday ................................ Summer Commencement
- August 5, Monday ................................ Last day for withdrawal from courses without grade penalty
- August 30, Friday ................................ Last day for withdrawal from courses
- September 2, Monday ............................. Legal holiday
- September 6, Friday ............................. Second term ends
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Administration and Faculty

Administration

UNIVERSITY

Thomas H. Hamilton, Ph.D., President
Robert W. Hiatt, Ph.D., Vice-President for Academic Affairs
Richard S. Takasaki, M.P.A., Vice-President for Business Affairs
Richard H. Kosaki, Ph.D., Vice-President for Community Colleges
Richard M. Balch, A.B., Vice-President for Continuing Education and Community Service
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Harold M. Bitner, Ph.D., Vice-President for Student Affairs
Willard Wilson, Ph.D., Secretary of the University
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Ralph R. Shaw, Ph.D., Dean of Library Activities
John W. Brown, M.A., Director of Admissions and Records
Kaoru Noda, Ph.D., Provost of Hilo Campus

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Edward M. Barnet, Ph.D., College of Business Administration (Acting)
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John W. Shupe, Ph.D., College of Engineering
William D. Lampard, Ed.D., College of General Studies
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  Windsor C. Cutting, M.D., School of Medicine
  Marjorie S. Dunlap, Ed.D., School of Nursing
  Richard K. C. Lee, M.D., School of Public Health
  P. Frederick DelliQuadri, M.S.W., School of Social Work

SUMMER SESSION*

Shunzo Sakamaki, Ph.D., Dean
Shiro Amioka, Ph.D., Associate Dean
Summer Session Curriculum Committee: Deans Nicholas B. Corba, Roger L. Hadlich, John P. Hoshor, Andrew W. S. In, Howard P. McKaughan, Robert E. Potter; Professors John M. Digman, Roland J. Fuchs, Alfred J. Levy

*Mailing Address:
Summer Session Office
2550 Campus Road, Room, 208
University of Hawaii
Honolulu, Hawaii 96822
Resident Summer Faculty

Abbott, Agatin T., Ph.D. (Washington), Professor of Geology
Adachi, Mitsuo, M.Ed. (Hawaii), Lecturer in Education
Adkins, Dorothy C., Ph.D. (Ohio State), Professor of Education
Alexander, Aaron, M.A. (Columbia), Instructor in English
Alexander, James, B.M. (Eastman School of Music), Lecturer in Music
Alexander, Sumitra, M.A. (Hawaii), Instructor in Thai
Allen, James, Ph.D. (Florida), Associate Professor of English
Alm, Richard S., Ph.D. (Minnesota), Professor of Education
Amioka, Shiro, Ph.D. (Illinois), Professor of Education
Anderson, R. Gene, M.A. (Baylor), Assistant Professor of Speech
Andrews, James, Ph.D. (Miami), Assistant Professor of Oceanography
Andrews, Mary M., M.S.L.S. (Southern California), Associate Professor of Library Studies
Ansberry, Merle, Ph.D. (Wisconsin), Professor of Speech Pathology and Audiology
Aoki, Mitsuo, B.D. (Chicago Theological Seminary), Associate Professor of Religion
Arai, Sueko, Natori Diploma (Hanayagi School), Lecturer in Music
Arkoff, Abe, Ph.D. (Iowa), Professor of Psychology
Artola, George T., Ph.D. (Johns Hopkins), Associate Professor of Asian and Pacific Languages
Asato, James K., M.S. (Illinois), Assistant Professor of Health and Physical Education
Ashby, David, Ph.D. (Oregon), Professor of Economics
Aten, Donald G., M.A. (Columbia), Assistant Professor of Education
Ayora, Jorge, M.A. (Washington), Acting Assistant Professor of Spanish
Baciuc, Stefan, M.A. (Law Faculty), M.A. (Loyola), Associate Professor of Spanish
Bailey, Joseph K., Ph.D. (Texas), Professor of Management
Ballif, Bonnie L., Ph.D. (Brigham Young), Assistant Professor of Education
Baumer, Jack, M.A. (Madras), Instructor in Hindi
Beamer, Martha F., M.Ed. (Hawaii), Assistant Professor of Health and Physical Education
Becker, Stanley, Ph.D. (Wisconsin), Assistant Professor of Science
Becker, Theodore, Ph.D. (Northwestern), Associate Professor of Political Science
Bell, Donald W., B.S. (Montana State), Assistant Professor of Real Estate
Beishe, Mirella, M.A. (Hawaii), Lecturer in Art
Bengson, Arabella, B.A. (Santo Tomas, Philippines), Lecturer in Speech
Bess, H. David, Ph.D. (California at Los Angeles), Assistant Professor of Business Administration
Bhushan, Vidya, Ed.D. (Indiana), Assistant Professor of Education
Blackstone, Judith, M.S. (Wisconsin), Instructor in English
Blanchard, Jeanne, M.S. (California at San Francisco), Instructor in Technical Nursing
Blanchard, Robert J., Ph.D. (State University of Iowa), Associate Professor of Psychology
Boblin, Robert T., Ph.D. (Southern California), Associate Professor of Religion
Boel, Rene A., Ingenieur Commercial (Centre Universitaire del 'Etat Mons), Lecturer in German
Bonk, William, M.A. (Hawaii), Assistant Professor of Anthropology
Borgmann, Albert, Ph.D. (Munich), Assistant Professor of Philosophy
Bouslog, Charles, Ph.D. (Harvard), Professor of English
Bowers, Neal M., Ph.D. (Michigan), Professor of Geography
**RESIDENT FACULTY**

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<td>M.S. (California at San Francisco), Assistant Professor of Technical Nursing</td>
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<tr>
<td>Chui, Edward F., Ph.D. (Iowa), Associate Professor of Health and Physical Education</td>
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<td>Chung, Nae Hoon Paul</td>
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<td>Clark, Francis E.</td>
<td>Ed.D. (Colorado), Professor of Education</td>
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<td>Clark, Richard H.</td>
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Bronson, Vernon, B.A., Lecturer in Education
Burks, Ardath W., Ph.D., Director of International Programs, Rutgers the State University
Byrne, Donn, Ph.D., Professor of Psychology, University of Texas
Chadwick, Richard W., Ph.D., Research Scientist, Systems Development Corporation, Santa Monica
Chiang, Yee, B.S., Adjunct Professor, Columbia University
Clarkson, James D., Ph.D., Assistant Professor of Geography, University of Michigan
Coughlin, Violet, D.L.S., Lecturer in Library Studies
Crocombe, R., Ph.D., Director, The New Guinea Research Unit
Crum, J. Wesley, Ph.D., Dean of Education, Central Washington State College
Davis, George, Ph.D., Professor of Biological Science, University of Florida
Davis, Lance, Ph.D., Professor of Economics, Purdue University
Dean, J. W., M.A., Acting Assistant Professor of Economics, Northeastern University
Delza, Sophia, B.A., Instructor of Dances, The United Nations, New York City
Dinger, Jack C., Ed.D., Professor and Chairman of Special Education, Slippery Rock State College
Dinkmeyer, Don C., Ph.D., Professor of Educational Psychology and Coordinator of Elementary Guidance, DePaul University
Dwyer, Denis J., Ph.D., Professor of Geography, University of Hong Kong
Eliason, Aston, Ph.D., Professor of Physics, Fresno State College
Firestone, Joseph M., Ph.D., Research Scientist, Cornell Aeronautical Laboratory, Inc. Cornell University
Fischer, Guerin A., Ed.D., Assistant Professor of Education, University of Maryland
Fischer, Louis, Ph.D., Professor of Education, University of California, Los Angeles
Frykenberg, Robert E., Ph.D., Associate Professor of History, University of Wisconsin
Fueg, Henry L., Ed.D., Lecturer in Education, Indiana University
Gordon, Milton, Ph.D., Professor of Personnel and Industrial Relations, San Fernando Valley State College
Gouldner, Alvin W., Ph.D., Max Weber Research Professor of Social Theory, Washington University
Graham, Otis L., Ph.D., Professor of History, University of California, Santa Barbara
Gustafson, Ralph D., Ed.D., Professor of Education and Director of Student Teaching, Central Washington State College
Hall, John F., Ph.D., Professor of Psychology, Pennsylvania State University
Harris, Theodore L., Ph.D., Professor of Education, Washington State University
Heinz, A. Elgin, M.A., Head, History Department, George Washington High
Humphrey, James H., Ed.D., Professor of Health and Physical Education, University of Maryland
Ikeda, Hitoshi, Ed.D., Associate Professor of Education, San Diego State College
Irino, Yoshiro, Professor of Music, Toho Gakuen School of Music, Japan
Jenney, E. Ross, M.D., Visiting Professor of Public Health, University of Hawaii
Kaplan, Abraham, Ph.D., Professor of Philosophy, University of Michigan
Kelley, Tim K., Ph.D., Professor of Geography, University of Colorado
King, F. J., Ph.D., Professor and Research Associate, Educational Research and Testing Institute of Human Learning, Florida State University
Kittel, Jack E., Ph.D., Associate Professor of Education, University of Washington
Levitan, Alan, Ph.D., Assistant Professor of English, Brandeis University
Lillibridge, G. Donald, Ph.D., Professor of History, Chico State College
Lord, Francis E., Ph.D., Professor and Director of Special Education, California State College
Martin, Terence, Ph.D., Professor of English, Indiana University
Mesarovic, Myron, Ph.D., Professor of English and Drama and Theatre, Queens College
Matson, Jane E., Ed.D., Specialist in Student Personnel Work, American Association of Junior Colleges
May, Lola J., Ph.D., Associate Professor of Education and Consultant to Winnetka Public School, Northwestern University
McGraw, Charles, Ph.D., Dean, Goodman School of Drama
MccNassor, Donald, Ph.D., Professor of Education, Claremont Graduate School
Messerli, Jonathan C., Ph.D., Associate Professor of History and Education, Columbia University
Miller, Roy E., Ph.D., Professor of Japanese, Yale University
Naidis, Mark, Ph.D., Professor of History, Los Angeles Valley College
Nappi, Andrew, M.A.T., Assistant Professor of Economic Education, St. Cloud State College
Nardin, Terry, Ph.D., Assistant Professor of Political Science, State University of New York at Buffalo
Narvane, V. S., Ph.D., Professor and Chairman, Department of Philosophy, University of Poona, India
Nelson, Frankie Beth, Ed.D., Assistant Professor of Anthropology, Queens College
Neubauer, Deane, Ph.D., Assistant Professor of Political Science, University of California, Irvine
Neushul, Michael, Ph.D., Associate Professor of Botany, University of California, Santa Barbara
Nisonoff, Alfred, Ph.D., Professor of Microbiology, School of Medicine, University of Illinois
O'Banion, Terry, Ph.D., Assistant Professor of Higher Education, University of Illinois
O'Brien, Robert W., Ph.D., Professor of Sociology, Whittier College
Olmo, Barbara M., Ed.D., Assistant Professor of Education, University of Iowa
Oppelt, Norman T., Ph.D., Dean of Students, Colorado State College
Phillips, Almerin, Ph.D., Professor of Economics, University of Pennsylvania
Phillips, E. Lakin, Ph.D., Professor of Psychology and Director of Psychological Clinic, George Washington University
Quay, Herbert C., Ph.D., Professor of Psychology and Research Director of Children's Research Center, University of Illinois
Richardson, Charles E., Ed.D., Associate Professor of Health Education, Southern Illinois University
Richardson, Richard J., Ph.D., Assistant Professor of Political Science, Western Michigan University
Ringelheim, Daniel, Ph.D., Associate Professor of Educational Psychology, New York University
Ringness, Thomas A., Ph.D., Professor of Educational Psychology, University of Wisconsin
Rothstein, Edward, Ph.D., Professor of Sociology, University of Wisconsin
Ryan, Ione J., Ed.D., Associate Professor of Education, East Carolina College
Saloutos, Theodore A., Ph.D., Professor of History, University of California, Los Angeles
Sax, Gilbert, Ph.D., Professor of Educational Psychology, University of Washington
Schulze, Rolf, Ph.D., Assistant Professor of Sociology, Northwestern University
Shimaoka, Tatsuzo, Lecturer in Ceramics, Tokyo, Japan
Simon, Sheldon W., Ph.D., Associate Professor of Political Science, University of Kentucky
Skipper, James, Jr., Ph.D., Associate Professor of Sociology, Case Western Reserve University
Sloan, Lee, Ph.D., Assistant Professor of Sociology, Florida State University
Slocum, Walter, Ph.D., Professor of Sociology, Washington State University
Stanger, Norman R., Ed.D., Director of Vocational Education, Office of the Superintendent of Schools, Orange County, California
Stanislawczyk, Irene, M.A., Assistant Professor of Spanish, Central Connecticut State College
Stewart, Malcolm F., Ph.D., Scarborough Professor and Chairman, Department of Philosophy and Religion, Illinois College
Stocking, Fred H., Ph.D., Professor of English, Williams College
Stone, Shelly C., Ph.D., Professor of Education, Purdue University
Strasser, Marland K., Ed.D., Professor of Safety and Driver Education, San Jose State College
Suchy, Robert R., M.Ed., Lecturer in Education
Sutton, Walter, Ph.D., Professor of English, Syracuse University
Tanyzer, Harold J., Ph.D., Associate Professor of Reading and Director of Initial Teaching Alphabet, Hofstra University
Thomas, Howard, Professor Emeritus, University of Georgia
Totten, W. Fred, Ph.D., Director of Graduate Training Program in Community Education, Flint Board of Education, Flint, Michigan
True, Sally R., Ph.D., Associate Professor of Education, Wisconsin State University
Tucker, Ledyard R., Ph.D., Professor of Psychology, University of Illinois
Tyree, Andrea, Ph.D., Assistant Professor of Sociology, University of California, Los Angeles
Van Buitenen, Johannes, Ph.D., Professor and Chairman, Department of South Asian Languages and Civilizations, University of Chicago
Viguers, Ruth H., Ed.D., Editor, The Horn Book Magazine
Volsky, Theodore C., Jr., Ph.D., Professor of Psychology, University of Colorado
Watson, Richard A., Ph.D., Professor of Political Science, University of Missouri
Weinbaum, Carl M., Ph.D., Associate Professor of Mathematics, University of California, Los Angeles
Wilson, John B., M.F.A., Professor of Fine Arts, Colorado University
Wilson, Walter Scott, Ph.D. Assistant Professor of Anthropology, College of Guam
Winters, Robert W., M.A., Lecturer, Purdue University
Wirth, Arthur G., Ph.D., Professor of Education, Washington University
Woods, Margaret S., M.Ed., Associate Professor of Education, Seattle Pacific College
The main campus of the University of Hawaii overlooks the city of Honolulu, capital of the state. Located on 300 acres in verdant Manoa Valley, the campus includes about 50 major buildings and complexes, with nearly 600 varieties of trees and plants. Minutes away from the campus are downtown Honolulu and famed Waikiki Beach.
The 1968 summer session will offer a number of distinctive courses in Asian and Pacific studies for which it is famous, as well as several hundred standard academic courses. Students may select courses ranging from ceramics and Hawaiian music to the serious sciences.
Modern-designed Kuykendall Hall (above) houses the English department, the English Language Institute, and the Communications Service Center. The newest building on campus is the Graduate Research Library (below), scheduled for completion by summer.
The University of Hawaii

The University of Hawaii was founded in 1907 as the land-grant college for the Territory of Hawaii, and became a state university when Hawaii joined the Union as the fiftieth state in 1959. Its main campus is located in the Manoa Valley section of Honolulu, the capital of the state. It has seven colleges: Arts and Sciences, Business Administration, Education, Engineering, General Studies, Health Sciences and Social Welfare (including schools of Medicine, Nursing, Public Health, and Social Work), and Tropical Agriculture. It has begun a statewide system of two-year community colleges. The Graduate Division assumes the major role in the organization and development of graduate programs, including a graduate school of Library Studies. The master's degree is offered in 63 fields and the Ph.D. degree in 27 fields. The academic year comprises two 18-week semesters, and a summer session of two 6-week terms.

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. It has chapters of national honor societies such as Phi Beta Kappa, Phi Kappa Phi, Sigma Xi, Pi Gamma Mu, Phi Delta Kappa, Sigma Pi Sigma, Omicron Delta Kappa, Chi Epsilon, Delta Sigma Rho, Eta Kappa Nu, Phi Eta Sigma, Delta Phi Alpha, Pi Delta Phi, Mortar Board, Alpha Lambda Delta, and Phi Lambda Theta.
The Summer Session

ADMISSION. Persons wishing to take courses for credit must present satisfactory evidence of ability to do college work. All persons must submit an Application for Admission to the Summer Session (see the last page of this catalog), except University of Hawaii students registering during the early registration period. If transcripts are required, these must be submitted prior to the end of the second week of the summer term.

Admission to the summer session does not imply admission to the fall or spring semesters.

AUDITORS. Persons wishing to attend certain lecture classes regularly, without receiving credit, may register as auditors. Auditors are not entitled to participate in discussions, examinations, or other class activities, and are not permitted in seminars, laboratory sections, studio or activity courses. 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 at the business office, in Bachman Hall, for $40.00 per summer term. The visitor's ticket must be shown upon demand and entitles the bearer to attend any classroom lecture other than in institute courses, if there is an available seat. Visitors are not entitled to participate in classroom discussions, examinations, or other class activities, and are not permitted in seminars, laboratory sections, and foreign language, studio, and activity courses.

VETERANS. The University of Hawaii is authorized to enroll veterans under Public Laws 358, 634, and 815. Students registering for the first time under these laws should bring with them their Certificate of Eligibility for Education and Training.

FOREIGN STUDENTS. All foreign students who plan to enroll in the summer session must report first to the English Language Institute (ELI), in Kuykendall Hall 226, in order to make arrangements for an evaluation of their English proficiency. Registration for University courses is not permitted until ELI completes its evaluation. Tests for this purpose will be given on April 13, May 11, June 11, June 13, and June 15.
Following evaluation of their English proficiency, the following classes of students are excused from ELI training: (1) those whose native language is English; (2) those who hold a degree from a college or university in an English-speaking country; (3) those whose English meets the University’s standards for full-time study.

All other foreign students are assigned to a program of ELI instruction designed to serve individual needs. (See page 73 for a description of ELI courses.) Because of their special nature, ELI courses take precedence over all other course work; they may not be postponed, dropped, or taken in auditor status. Students who fail to comply with ELI assignments may be denied further registration at the University.

Students assigned to ELI training take a reduced academic load, in order to devote sufficient attention to gaining satisfactory English competence. Students who are required to take relatively large amounts of ELI work must anticipate correspondingly slower progress toward their academic goals. This is an especially important factor in some graduate programs, and should be carefully considered by all foreign students whose time or financial support is limited.

Registration in ELI courses is restricted to students who have been officially admitted to the University. Students who apply to the University for the sole purpose of entering ELI in order to improve their English will not be accepted.

CHANGES. The University reserves the right to make changes in fees, faculty assignments, and time schedules, to cancel any course that does not draw adequate registration, and to set maximum limits for enrollment in certain classes. A final schedule of courses, including changes made after publication of this catalog, will be available at registration time.

STUDENT PROGRAMS. Undergraduate students are limited to a maximum program of 6 credit hours in each 6-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 to be included in the computation of total credits carried.

Graduate students may carry 7 credits during a 6-week term. The approval of the Dean of the Graduate Division, or the Dean of Summer Session in the case of transient students, is necessary for any heavier course load. The Graduate Division Bulletin lists courses acceptable for graduate credit.
DEANS' OFFICES. The offices of the deans are located as follows:

- College of Arts and Sciences, Webster 204
- College of Business Administration, Hawaii 109-A
- College of Education, Wist Annex-2 224
- College of Engineering, Keller 119-A
- College of General Studies, Hawaii 21
- College of Health Sciences and Social Welfare, Leahi Hospital
  - School of Medicine, Leahi Hospital
  - School of Nursing, Webster 416
  - School of Public Health, Spalding 255
  - School of Social Work, Wist 207
- College of Tropical Agriculture, Gilmore 114
- Graduate Division, Spalding 354
- 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 residents of Hawaii from 8 a.m. to 4 p.m., Wednesday through Friday, May 15-17, and from 8 a.m. to 12 noon, Saturday, May 18, 1968. 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 17, between 7:45 a.m. and 4:00 p.m. Students should report 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):

- I through K—at or after 7:45 a.m.
- L through M—at or after 8:30 a.m.
- N through Q—at or after 9:15 a.m.
- R through S—at or after 10:00 a.m.
- T through V—at or after 10:45 a.m.
- W through Z—at or after 11:30 a.m.
- A through B—at or after 12:45 p.m.
- C through E—at or after 1:30 p.m.
- F through H—at or after 2:15 p.m. until 3:15 p.m.

Students should obtain their registration materials no later than 3:15 p.m. if they wish to complete their registration on June 17 and avoid the late registration fee.

Regular registration for the second summer term will take place on Monday, July 29, 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. Changes in registration will be permitted beginning Wednesday, June 19, in the first term, and Wednesday, July 31, in the second term. Change of program forms may be obtained at the deans' offices.

Students who registered during the early registration period (May 15-18) may apply for a change of registration on Thursday, June 13, between 8 a.m. and 4 p.m.

For change fees and refunds, see below.

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 numbers, those who have lost their cards, and those who have had name changes since getting cards should arrange with their local Social Security offices for assignment of numbers prior to registration. Students from foreign countries may 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. The summer session receives no legislative appropriation and is expected to operate within the limits of its own revenues. The following schedule of fees applies equally to all students, including persons from out of state.

Tuition is $16.00 per credit hour, whether the course is audited or taken for credit. There is no separate registration fee, no laboratory or other course fees, except for applied music, institutes, and other special programs as noted in the catalog.

An activity fee of $2.50 is charged during the first 6-week term.

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.
There is a charge of $2.00 for any change in program after registration unless waived for good cause by the Dean of Summer Session.

Library fines and others, such as for violating campus parking regulations, must be paid promptly. Students are expected to learn the campus driving, parking, and library rules.

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

$12.00 per credit, until 4 p.m. on June 20 (first term); or until 4 p.m. on August 1 (second term).

$6.00 per credit thereafter, until 4 p.m. on June 25 (first term); or until 4 p.m. on August 6 (second term).

There will be no refunds after June 25 in the first term and after August 6 in the second term. No part of the $40.00 visitor’s ticket, the student activity fee, or of the laboratory or course fee, where assessed, is refundable. 100% refund is granted only when the University is responsible for a change of program.

A student who registered during the early registration period and who withdraws completely on June 13, 1968, will be given a full refund less $10.00. If he wishes to withdraw from a course, he may obtain a refund of $12.00 per credit, provided he does not withdraw completely from the University.

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. If the check is not honored by the bank concerned the student will be assessed an additional charge of $10.00.

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, but if it is, the grade will be changed to F if the student’s work is not completed prior to the Thanksgiving recess.

Student copies of summer grades are sent to the campus mailroom, located next to Hemenway Hall, within a week after the end of each six-week term. Students unable to pick up their grades at that time should leave a stamped, self-addressed envelope at the mailroom.
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 will receive an F (failure) for the course.* During the first five days of instruction in any term a formal withdrawal is marked $W$ on the student’s record. Thereafter, 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; otherwise it is marked $W\cdot F$. No withdrawals from courses are permitted during the last five days of instruction.

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

TRANSCRIPTS. A student who requests the Records office 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. Financial obligation.”

TO DOE TEACHERS OF HAWAII. Transcripts or grade slips of work done during the summer to qualify for higher salary classification will be accepted by the Department of Education up to September 30, 1968. Salary adjustment made as a result of such work will be effective as of September 1.

SCHOLARSHIPS. No scholarships are available during the summer session, except in certain institutes and special programs.

LIBRARY PRIVILEGES. Students will be issued identification cards for the use of library facilities and borrowing of library materials. The activity card, which may be claimed at the summer session recreation office, Hemenway Hall 2nd floor, upon presentation of the registration receipt, will also serve as the library identification card.
Summer Session Notes

ENROLLMENT FIGURES. The University of Hawaii summer session is one of the largest in the country. In 1967, a total of 19,086 students enrolled, registering for 72,736 credits; some 73% of the students were from Hawaii, 22% from the mainland, and 5% from other countries or areas; women students outnumbered the men by about 58% to 42%; some 55% of the summer students were candidates for University of Hawaii degrees and diplomas.

COURSES ON ASIA AND THE PACIFIC. In addition to standard courses comparable to those given at other American universities, the 1968 summer session offers many distinctive courses such as the following:

American Studies: Asian Influences in American Civilization.

Anthropology: Oceania; Micronesia.

Art: Aspects of Asian Art; Applied Arts of China; Art and Architecture Tour to Japan.

Asian Studies: Summer Institute; Study Tour of Asia; Symbolism in Chinese Literature and Art.

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

Drama and Theatre: Japanese Theatre; Oriental Theatre.

Education: Methods and Materials for the Study of Hawaii; Comparative Education: Asia; Dances of Hawaii.

English: Literature of the Pacific.

Geography: Japan; South Asia; Southeast Asia; Pacific; Hawaii.

Geosciences: Geology of the Hawaiian Islands.

History: China; Japan; South Asia; Oceania; Hawaiian Islands; India.

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

Library Studies: Administration of Libraries in Asia; Asian Reference Sources.


Philosophy: Indian; Buddhist; Chinese.
Political Science: International Relations of Asia.

Religion: Living Religions of Hawaii; Asian Religions and Social Change.

Sociology: People and Institutions of China.

Institute on Asian Studies. June 17–July 26. The Tenth Summer Institute on Asian Studies will be directed by Dr. Ardath W. Burks, Director of International Programs, Rutgers—the State University. The program carries 6 graduate credits and is designed primarily for secondary school teachers, administrators and librarians, but it is open to others as well.

The institute will offer lectures, discussions, workshops, and films on East, Southeast, and South Asia; special evening programs (Asian music, dance and the arts); tours of Asian temples; and other cultural activities.

The East-West Center Institute for Student Interchange is offering 100 tuition and partial travel grants to secondary school teachers of social sciences or literature, curriculum coordinators, administrators, and librarians selected for participation in this institute.

Membership fee in the institute is $110.00, including tuition and student activity fees. For application forms write to: Summer Session Office, 2550 Campus Road, Room 208, University of Hawaii, Honolulu, Hawaii 96822.

N.D.E.A. Institute in History—The United States, the Pacific, and Asia. June 17–July 26. For 36 secondary school teachers and curriculum specialists in social studies. Applications will be accepted from all parts of the United States, American Samoa, Guam, the Trust Territory and American dependents' schools in Japan and the Ryukyus. The Pacific and Asia will be studied on an inter-disciplinary basis as areas directly related to the interests of Americans. History, anthropology, education, political science, and geography will be represented by scholars on the institute faculty. Inquiries should be addressed to the director of the institute: Dr. Donald D. Johnson, 1615 East-West Road, University of Hawaii, Honolulu, Hawaii 96822.

N.D.E.A. Institute for Advanced Study in Counseling and Guidance. June 17–August 9. To improve the qualifications of individuals who are engaged, or teachers preparing to engage, in counseling and guidance of students in junior colleges and technical institutes. Inquiries should be addressed to the director of the institute: Dr. Francis E. Clark, Department of Educational Psychology, University of Hawaii, 1776 University Avenue, Honolulu, Hawaii 96822.

N.D.E.A. Institute for Educational Media Leadership Training. June 17–July 26. To provide educational media leadership training to 50 Hawaii school administrators and their companion media specialists. They will represent 25 two-man teams, including a school administrator and the educational media specialist currently at work in the given school or appointed to assume
responsibilities next fall. When the teams return to their schools in the fall, they will carry with them plans for the improvement of learning through the careful selection, programmed utilization and evaluation of new educational media learning materials, including projected motion picture media, instructional television, programmed learning systems, multimedia utilization of inter-related media, including films, still projected materials, language laboratory audio materials, programmed learning systems, and a wide variety of related audiovisual materials. Inquiries should be addressed to the administrative supervisor of the institute: Dr. Geoffrey Z. Kucera, Department of Educational Communications, College of Education, University of Hawaii, 1776 University Avenue, Honolulu, Hawaii 96822.

N.S.F. Special Project in Ocean Engineering. A 3-credit course, OE S601, Ocean Engineering Laboratory, will be offered during the first summer term. Students and faculty members who are directly involved in ocean engineering programs may apply. Applicants should hold a B.S. degree in engineering.

The objective of the course is to give students experience in ocean engineering laboratory. The 1967 program was very broad, including lectures and a variety of field laboratory trips. The 1968 program is not a repeat of the 1967 program.

The 1968 summer laboratory program is intended to teach participants the difference between engineering in the ocean and engineering on land, primarily through direct personal involvement in the design and emplacement of a buoy. The course will include (1) definition of requirements for the buoy in general terms, (2) theoretical study of wind, waves, currents, and the mechanics of bottom soils, (3) collection of environmental data on site and from records, (4) selection of design for further development, and (5) field trips to set the buoy.

Inquiries should be addressed to: Associate Professor Frederick C. Munchmeyer, College of Engineering, University of Hawaii, Honolulu, Hawaii 96822.

N.S.F. Graduate Research Program in Molluscan Biology. June 17–September 6. The Hawaii Institute of Marine Biology will offer a 12-week graduate research program in molluscan biology. Participants will explore structure, function, and adaptive radiation in the mollusks, with emphasis on such topics as functional systems, developmental biology, analysis of behavior, population biology, and the role of mollusks in biotic communities. Six graduate credits may be earned. The program will be limited to 20 students. Inquiries should be addressed to: Dr. Philip Helfrich, Director, Summer Training Program, Hawaii Institute of Marine Biology, Coconut Island, P. O. Box 1067, Kaneohe, Hawaii 96744.

Summer Institute on Nuclear Defense Design. June 24–July 26. The institute, directed by Dr. Mateo L. P. Go, Professor of Civil Engineering, University of Hawaii, is sponsored by the Department of Defense, the 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 engineering and architectural faculty members, including a comprehensive treatment of fallout shelter analysis and protective construction, reinforced by lectures in planning of shelter systems, including nuclear and natural disaster considerations. Applications should be submitted in triplicate to: OCD Projects Manager, American Society for Engineering Education, Suite 838, 2100 Pennsylvania Avenue, N. W., Washington, D. C.

Institute on Media Resources in School Libraries. August 5–23. This institute is designed as a means of continuing education for librarians in Hawaii in the skills necessary to utilize new media and to obtain a better understanding of the function of school libraries as integrated instructional materials centers, with special attention to the problems of reference service, cataloging, classification and selection of materials. The institute will be directed by Miss Sara Jaffarian, Coordinator, Instructional Materials and Services, Lexington Public Schools. Inquiries should be addressed to: Dr. Robert D. Stevens, Associate Dean, Graduate School of Library Studies, Sinclair Library 15, 2425 Campus Road, University of Hawaii, Honolulu, Hawaii 96822.

Workshop in Aerospace Education. June 17–July 26. General education approach to aerospace science and technology; social, political, economic, and military implications; designed for teachers of grades K–12 with minimum background in these areas (see Ed CI 495). Inquiries should be addressed to the coordinator of the workshop: Assistant Professor Donald G. Aten, Education Research and Development Center, University of Hawaii, 1776 University Avenue, Honolulu, Hawaii 96822.

Institute on Foods of the Pacific. June 17–July 26. The food habits, customs, and cookery of China, Japan, Korea, the Philippines, and Hawaii (see HE 210). Inquiries should be addressed to: Assistant Dean Hazel V. Kraemer, Miller Hall 109, University of Hawaii, Honolulu, Hawaii 96822.

Study Tour of Europe (Returning via Asia). July 1–August 23. A study tour of Europe including the U.S.S.R. and returning round the world via Asia, will be led by Professor Mitsuo Aoki, chairman of the department of religion. After a week of orientation on the campus, the group will leave for Europe on July 6 via New York. The tour will include London, Oxford, Stratford-upon-Avon, Coventry, Paris, Berlin, Nuremburg, Rothenburg, Munich, Garmisch-Partenkirchen, Venice, San Marino, Rome, San Gimignano, Florence, Pisa, Como, Lugano, Lucerne, Zurich, Vienna, Moscow, Leningrad, New Delhi, Agra, Calcutta, Bangkok, Hong Kong, Tokyo, and Nikko. Travel arrangements will be handled by Mrs. Ruth Rittmeister, manager of International Travel Service of Honolulu. Inquiries should be addressed to: Professor Mitsuo Aoki, 343 George Hall, University of Hawaii, Honolulu, Hawaii 96822.
Study Tour of Asia. July 1–August 9. A study tour of the Far East and Southeast Asia will be led by Professor Shiro Amioka, associate dean of summer session. After a week of lectures and programs on campus, the group will leave Honolulu on July 6. The itinerary will include Tokyo, Nikko, Kamakura, Hakone, Kashiwajima, Kyoto, Nara, Osaka, Taipei, Toroko Gorge, Manila, Singapore, Kuala Lumpur, Bangkok, Hong Kong, and Macau. Travel arrangements will be handled by Mrs. Ruth Rittmeister, manager of International Travel Service of Honolulu. Inquiries should be addressed to: Dr. Shiro Amioka, Summer Session Office, 2550 Campus Road, Room 208, University of Hawaii, Honolulu, Hawaii 96822.

Art and Architecture Study Tours. These tours to Europe and to Japan, conducted under the direction of Professor A. Bruce Etherington, chairman of the department of art, will acquaint students at first hand with art and architectural treasures of the past and present and will encourage a greater understanding of the cultures and peoples of other lands. These tours are restricted to students currently enrolled at the University of Hawaii. Travel arrangements will be handled by Ala World Travel. For particulars, write to: Professor A. Bruce Etherington, Department of Art, 2560 Campus Road, University of Hawaii, Honolulu, Hawaii 96822.

Music Festival Study Tour. July 1–August 7. A music festival study tour of Europe will be led by Dr. Raymond Vaught, professor of music. After a week of lectures on campus devoted to the repertoire of specific musical programs to be heard, the group will leave Honolulu on July 6. Festivals and other musical events to be attended are: Holland Music Festival, Glyndebourne Music Festival, Munich Opera Festival, Dubrovnik Music Festival, Salzburg Music Festival, Lucerne Music Festival, open-air operas in Coblenz, Rome and Verona, and symphony concert in Venice. Travel arrangements will be handled by Mrs. Ruth Rittmeister, manager of International Travel Service of Honolulu. Inquiries should be addressed to: Dr. Raymond Vaught, Department of Music, 2411 Dole Street, University of Hawaii, Honolulu, Hawaii 96822.

Creative Activities for Children Study Tour of Europe. June 17–August 11. Lectures and programs on campus, June 17–20. Flight to Europe via Los Angeles. Attendance at the International Summer School, University of Oslo, Norway, June 29–July 6; the Peter Slade Drama School at Keele University, Keele, England, July 27–August 1; the puppetry classes at the London Educational Association, August 5–9. Visits to Copenhagen, Rothenburg, Munich, Innsbruck, Venice, Lugano, Interlaken, Lucerne, Zurich, Paris, Tours, London, Cambridge, Stratford, Coventry, and New York. This study tour will be led by Dr. Eloise Hayes, associate professor of education. Travel arrangements will be handled by Mrs. Ruth Rittmeister, manager of the International Travel Service of Honolulu. Inquiries should be addressed to: Professor Eloise Hayes, College of Education (Wist 109A), University of Hawaii, 1776 University Avenue, Honolulu, Hawaii 96822.
Study Tour of British Drama. August 5—August 31. A study tour of British drama will be led by Miss Helen A. Topham, assistant professor of English. After an on-campus orientation program of lectures, films, and tapes covering the British theatre from the Renaissance to the present and the background of places to be visited, the group will leave Honolulu on August 9. The tour will include drama centers in Ireland, Scotland, and England (Dublin, Pitlochry, Edinburgh, Stratford-upon-Avon, and London), attendance at a minimum of twelve plays, sightseeing in the major cities, and side trips to the Scottish highlands, York, Coventry, Canterbury, Chichester, and Oxford. Travel arrangements will be handled by Mrs. Ruth Rittmeister, manager of International Travel Service of Honolulu. Inquiries should be addressed to: Assistant Professor Helen A. Topham, Department of English, Kuykendall Hall 612, 1733 Donaghho Road, University of Hawaii, Honolulu, Hawaii 96822.

South Pacific Educational Cruises. A course on Geography of the Pacific Ocean Area and a course on Geographic Exploration and Mapping in the Pacific will be offered by Mr. Abraham Piianaia aboard the S. S. Mariposa, leaving San Francisco on June 6 for a cruise of the South Pacific. A course on The Sea will be offered by Dr. Vernon E. Brock on the S. S. Monterey, leaving San Francisco on June 30. Each ship will visit Los Angeles, Bora Bora, Papeete, Rarotonga, Auckland, Sydney, Noumea, Suva, Niuafo'ou, Pago Pago, and Honolulu, before returning to San Francisco.

For particulars, write to: Summer Session Office, 2550 Campus Road, Room 208, University of Hawaii, Honolulu, Hawaii 96822; or to the N.E.A. Division of Educational Travel, 1201 16th Street, N.W., Washington, D. C. 20036; or to the Division of Educational Services, Matson Lines, 110 Mission Street, San Francisco, California 94105.

Extracurricular Activities

UNIVERSITY PROGRAM. During the first 6-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 1968 will be printed in Summer 1968, 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 which may be claimed at the summer session recreation office, Hemenway Hall 2nd floor. The activity card entitles the bearer to attend
or participate in various extracurricular events sponsored by the summer session office during the first 6-week term. For certain trips or activities an additional fee is charged to help defray the cost.

Summer session faculty members may purchase activity cards at the student price of $2.50. Spouses and children (late teenage or older) of these faculty members or of summer session students may purchase activity cards for $10.00, upon approval of the Director of Student Activities. Persons not fitting the foregoing categories are not eligible for the activity cards.

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.

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 plays and a dance concert in the John F. Kennedy Theatre. Summer session students may apply for participation in the productions; students wishing to receive academic credit for such participation may register for Theatre Workshop (Drama S 250).

Reserved seat tickets will be available at the Kennedy Theatre box office Monday through Saturday from 9 a.m. to 1 p.m. during the six-week period (telephone 944-8746 or 944-8747); reservations are held until 1 p.m. the day before a performance. There will be a nominal charge for summer session students with activity cards. Admission for those without activity cards will be $2.50 for adults and $1.25 for students.

FESTIVAL OF THE ARTS OF THIS CENTURY. The eleventh annual Festival of the Arts of This Century will be presented concurrently with the summer session, June 17 to July 27. Sponsored by the University of Hawaii Summer Session and the University of Hawaii Foundation, the Festival is dedicated to the exchange of East-West contemporary arts in music, dance, and visual arts and theatre.

Orchestral and solo and ensemble concerts will feature contemporary works by visiting professor Yoshiro Irino, Japanese composer from Toho-Gakuen School of Music, and equally important United States composers who will be named at a later date. A young composers concert, performed by University of Hawaii student musicians, will present works by young composers from Asia, a mainland United States university, and the University of Hawaii.
The modern dance concert will feature the appearance of Gladys Bailin, the noted New York performer and choreographer. Qualified summer students may study advanced modern technique with Miss Bailin and will have an opportunity to appear in the Festival dance program. Also performing in this concert will be the University of Hawaii Dance Theatre.

The department of art will conduct a studio workshop in painting in conjunction with the 1968 Festival. This workshop will be a credit course for advanced students and will be supplemented by exhibitions, film and lecture programs. Visiting artists will include Jules Olitski and Elsworth Kelly each of whom has received international renown for his work.

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 lovely residential districts, and the beach areas with their sand, surfboards, and catamarans are of special interest to visitors. Then, there are the famed Bernice P. Bishop Museum, the Honolulu Academy of Arts, the Ulu Mau Hawaiian Village, the Foster Park Botanical Gardens, the Pacific National Memorial Cemetery, the Queen Emma Museum, the Royal Mausoleum, and the only erstwhile royal palace on American soil, Iolani Palace; also, Buddhist, Shinto, Confucian, and Taoist temples and shrines. There are dining facilities and restaurants of all types, many movie theaters, including drive-ins, five television and sixteen radio stations, free concerts by the municipal Royal Hawaiian Band, the extensive Honolulu Zoo, the University's Aquarium at Waikiki, and other attractions to suit diverse tastes. In the city's environs, around the island of Oahu, and on the neighboring islands of Kauai, Maui, Molokai, Lanai, and Hawaii, there is an endless succession of fascinating places to visit.

Housing Information

Admission to the University is granted without reference to the availability of housing. The University of Hawaii is at present largely a non-resident campus. There will be residence hall accommodations for 684 students in the 1968 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. There is no appreciable number of large rooming or boarding facilities near the campus. 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 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: Office of Student Housing, Johnson Hall A, University of Hawaii, Honolulu, Hawaii 96822. 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. Examples of courses which do NOT meet this requirement are courses audited, night courses, or applied courses (such as physical education, applied music, applied art, etc.) and most of the 1 credit courses offered by the University. If you are in doubt whether your proposed courses will meet the requirement, please check with us at time of registration. A student who reduces his load during the session to less than three hours of lecture courses for credit or who withdraws or who simply stops attending classes becomes ineligible for further residency and forfeits rental fees. He must vacate the hall within 24 hours of change of schedule. Application-contracts must be accompanied by the deposit before consideration for space reservation can be made. The contract is for room and board. Meals include breakfast and lunch, Monday through Friday. All assignments will be made on a first-come-first-serve basis by date of application received in this office.

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 separate towers.

There are no facilities on campus for temporary housing or for married couples. There is no place on campus to which luggage or mail may be forwarded ahead of your arrival.
Residence hall facilities are available only during the first 6-week term.

OFF-CAMPUS HOUSING. The student housing office offers a free central listing service and maintains listings of rooms in private homes, a few apartments, and room and board jobs. These listings are not inspected and approved by the University. The office is unable to send the names of landlords
through the mail because of the rapid turnover in a tight housing market. Negotiations with off-campus landlords must be handled directly by the student. Names of students as possible roommates are not available although available space shared with other students can be listed. The rush for housing usually starts about three weeks prior to beginning of classes. Students arriving in Honolulu without housing reservations are encouraged to arrange for temporary lodging and are invited to check with the student housing office in Johnson Hall A, for general information on current listings of available accommodations. Office hours are 7:45-11:45 a.m., 12:30-4:30 p.m., Monday through Friday. The general housing picture is one of extreme shortage and this means expense and difficulty in the location of suitable housing.

Non-University Housing. Atherton House, the international residence of Atherton Branch Y.M.C.A., is located in the heart of the old campus, with all buses arriving at the University stopping nearby. The complete dormitory unit has singles, small doubles, large doubles, and triples for 80 to 90 students. Only men will be housed in the dormitory in the first session, but women may apply for the second session. Three completely furnished studio apartments are also available. For further information about the board and room package plan write to: The Director, Atherton Y.M.C.A., 1810 University Avenue, Honolulu, Hawaii 96822.

The Shinshu Kyokai Dormitory, at 1641 South Beretania Street, about a mile from the campus, can accommodate some 95 students, both men and women. For further information about its board and room rates, write to: the resident administrator Mrs. Yoshiko Tatsuguchi, 1631 S. Beretania Street, Honolulu, Hawaii 96814, or telephone 941-2033.
Additional Information

STUDENT HEALTH SERVICE. The Student Health Service is interested in assisting the student with his health problems while he is attending the University of Hawaii. Its medical care program is comparable to that of the general office practice of medicine. A dispensary provides physician and nursing care from 7:45 a.m. to 4:30 p.m., Monday through Friday; and from 9:00 a.m. to 11:00 a.m. on Saturdays. The infirmary can provide beds for medical care of minor illnesses on a 24-hour basis, 7 days a week, during the first summer term only.

A student may need to be referred to a private physician for medical care problems beyond the scope of the Health Service. It is therefore strongly advised that each student join a health insurance program to obtain supplemental medical and hospital coverage while he is on campus.

All regularly registered students of the University of Hawaii may continue to use the services of the Health Service if they have a completed University of Hawaii Health Form on file.

Summer session students who have special medical problems that require close followup by the Health Service should bring letters from their personal physicians specifying recommendations for their care. Allergy shots, for example, will not be given by the Health Service unless the student submits authorization and directions from his personal physician.

Medical clearance for Health and Physical Education course requirements. Certain courses offered by the health and physical education department require medical clearance for admission (see course listings under Health and Physical Education). Regularly registered students of the University of Hawaii who have been given medical clearance by the Student Health Service during the current academic year may register for HPE courses during the summer session without further medical clearance. Students who are registered for the summer session only will be issued this medical clearance by the Health Service provided the following steps are taken:

1. The student must have a medical examination performed by his personal physician. Arrangements for this medical examination, including payment, must be made by the student.

2. The student must submit the result of the medical examination to the Health Service. The University of Hawaii health form for reporting the result of the medical examination may be obtained by writing to: Student Health Service, University of Hawaii, 1710 East-West Road, Honolulu, Hawaii 96822.

3. The Health Service will then study medical examination report and issue the appropriate medical clearance.
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, and which start from the University of Hawaii campus with a member of our resident faculty in charge; or the South Pacific Educational Cruises operated by the summer session office with the cooperation of the N.E.A. Division of Educational Travel and the Matson Navigation Company.

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

PARKING AND TRAFFIC. Students are expected to familiarize themselves with the University’s parking and traffic rules and regulations established by the board of regents. These regulations, together with special instructions, may be obtained at several locations on campus including the student mail room, the business office in Bachman Hall, and the Auxiliary Services building.
Ignorance of these rules and special instructions will not excuse a student from the payment of fines for violations.

Parking stickers are sold near the swimming pool during registration and at the traffic desk in the Auxiliary Services building thereafter.

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. Canons of good taste are, of course, expected to be observed by all.

HILO CAMPUS SUMMER COURSES. The University of Hawaii Hilo Campus is on the island of Hawaii some 200 miles southeast of Honolulu. During the academic year it enrolls about 600 students. A select list of summer courses will be offered again, both for entering freshmen and other undergraduates and for teachers in service. Students planning to enroll in summer courses and requiring housing should contact the Office of Student Personnel, Hilo Campus, for information concerning available housing in the city of Hilo. Inquiries should be addressed to: Director, University of Hawaii Hilo Campus, Hilo, Hawaii 96720.
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 schedules:

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<th>50-MINUTE CLASSES</th>
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First Term  (June 17–July 26)

Agriculture, Tropical

Agriculture (AG)

299 AGRICULTURAL PRACTICE (1)  S. Goto
399 AGRICULTURAL THESIS (arr.)  Staff

Agricultural Economics (AEc)

399 DIRECTED STUDY (arr.)  Staff
Limited to exceptional undergraduate students who are qualified to carry on advanced study. Pre: consent of instructor.

699 DIRECTED RESEARCH (arr.)  Staff

701 AGRICULTURAL ECONOMICS (3)  Crocombe
Land tenure problems in the Pacific.
Hrs. arr.

Agricultural Engineering (AE)

699 DIRECTED RESEARCH (arr.)  Staff
Agronomy (Agron)

699 DIRECTED RESEARCH (arr.)

Animal Sciences (An Sc)

341 LIVESTOCK MANAGEMENT (3)

Assigned problems and practical experience in management of livestock; evaluating, feeding and housing beef cattle, dairy cattle, poultry, swine. Required for animal science majors during summer between junior and senior years.
Daily 7:00-12:00 Waialee Farm

Entomology (Ento)

399 DIRECTED RESEARCH (arr.)

Limited to participants in the National Science Foundation Undergraduate Research Participation Program and to exceptional undergraduate students who are qualified to carry on research problems.

Food Science (Fd Sc)

Horticulture (Hort)

Plant Pathology (PPath)

Soil Science (Soils)

American Studies (Am St)

479 AMERICAN TASTE (3)
Study of popular attitudes towards the arts, travel, fashions, craft and industrial productions, and recreation. The past will be used to explain the present.
Daily 7:20-8:35

485 CONTEMPORARY AMERICAN CIVILIZATION—DISSENT (3)
Study of dissent theories and their application in Quakerism, civil rights, Gandhi’s Satyagraha, and the peace movement.
Daily 8:45-10:00

640 ASIAN INFLUENCES IN AMERICAN CIVILIZATION (3)
To examine the influence of Asia in American history, literature, politics, thought, architecture, and the fine arts.
Daily 11:35-12:50
Anthropology (Anth)

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

200 CULTURAL ANTHROPOLOGY (3)  
F. B. Nelson  
Nature of culture; basic concepts for analyzing cultural behavior; patterning, integration, and dynamics of culture; culture and the individual.  
Daily 8:45-10:00

250 OCEANIA (3)  
A. Kaeppler  
Introduction to native cultures of Polynesia, Micronesia, Melanesia and Australia. Pre: 150 or 200 or written consent of instructor.  
Daily 11:35-12:50

520-521 ARCHEOLOGICAL TECHNIQUES (3-3)  
Pearson, Newman  
Archeological survey and excavation; daily field trips, mapping, photography, recording. Laboratory analysis and evaluation of field data; preservation and restoration of artifacts. Preparation of materials for publication. Pre: 210 or equivalent or consent of instructor.  
Hrs. arr.

550 (3) ANTHROPOLOGICAL APPLICATIONS (3)  
F. B. Nelson  
(Same as Ed EF 480)  
Anthropological theory, method, and data applied to problems in specialized fields. Oriented to needs of students in professional fields who lack anthropological background. Pre: consent of instructor.  
Daily 11:35-12:50

710 ANTHROPOLOGICAL TECHNIQUES (5)  
R. Harrison  
Theory construction and research design. Collection of data (objective, subjective, and projective techniques); processing, and evaluation of data. Pre: written consent of instructor.  
Daily 8:45-11:00

750(5) RESEARCH SEMINAR (3)  
R. Crocombe  
Land tenure problems in the Pacific.  
Prerequisite: Consent of instructor. May be repeated.  
Hrs. arr.

Art (Art)

Except as noted, completion of introductory studio courses Art 113, 114, 115, 116, and Art 101 or IS 131 is the prerequisite to all courses numbered 200 and above. General exception: non-majors taking art history courses are not required to take Art 113, 114, 115, 116 and may substitute History 152 or 162 for Art 270, 280.

101 INTRODUCTION TO THE VISUAL ARTS (3)  
M. Turnbull  
The nature of visual art and its expressions in various forms. Lectures, demonstrations.  
Daily 8:45-10:00

105 ELEMENTARY STUDIO-CERAMICS (3)  
S. Pleyte, M. Takata, S. Yamada  
(3 sections)  
Studio experience mainly for non majors. Lectures and projects. Credit cannot count toward major requirements in art. Pre: 101.  
Daily (1) 10:10-12:50 (Pleyte)  (2) 1:10-3:50 (Yamada)  (3) 8:10-10:50 (Takata)  
Farrington High School Shop 4
106 ELEMENTARY STUDIO-SCULPTURE (3)  M. Sato
Studio experience mainly for non majors. Lectures and projects. Credit cannot count towards major requirements in art. Pre: 101.
Daily 7:20-10:00

108 ELEMENTARY STUDIO-DRAWING AND PAINTING (3)  Staff
Studio experience mainly for non-majors. Lectures and projects. Credit cannot count towards major requirements in art. Pre: 101.
Daily 1:10-3:50

113 INTRODUCTORY STUDIO "A" (3)  M. Newman
Emphasis on perception: visual responses to nature; materials, techniques, modes of representation. Problems in two and three dimensions involving photography, drawing, painting, sculpture and construction. Pre: 101, or IS 131 (may be taken concurrently).
Daily 10:10-12:50

114 INTRODUCTORY STUDIO "B" (3)  J. Wilg
Emphasis on light: environmental; general intensity; value range; sources; chiaroscuro; pattern; principles of color. Problems in two and three dimensions involving drawing, painting, sculpture and design. Pre: 101 or IS 131 (may be taken concurrently).
Daily 10:10-12:50

115 INTRODUCTORY STUDIO "C" (3)  R. Lintault
Emphasis on space: environmental; actual and illusionary; changing spatial systems and space modifiers. Problems in two and three dimensions involving drawing, painting, sculpture and design. Pre: 101 or IS 131 (may be taken concurrently).
Daily 10:10-12:50

116 INTRODUCTORY STUDIO "D" (3)  J. Wisnosky
Emphasis on time, motion and systems: visual kinetics; sequence, rhythm, order and systems. Problems in two and three dimensions involving drawing, painting, sculpture and design. Pre: 101 or IS 131 (may be taken concurrently).
Daily 10:10-12:50

207 PHOTOGRAPHY A (3)  K. Josephson
Camera as a tool of expression and photography as a basic art form. Each student is required to have own camera.
Daily 7:20-10:00

208 PHOTOGRAPHY B (3)  K. Josephson
Development of form in photography. Pre: 207.
Daily 10:10-12:50

209 BASIC CINEMATOGRAPHY (3)  J. Martin
Introduction to 8 and 16 mm film production. Pre: basic still photography experience. Students will be expected to supply their own cameras.
Daily 10:10-12:50

213 FIGURE DRAWING (3)  S. Kimura
Intensive drawing from human figure. May be repeated.
Daily 10:10-12:50

217 PRINTMAKING (3)  J. Wisnosky
Technical controls; development of concepts appropriate to printmaking. May be repeated.
Daily 7:20-10:00

223 PAINTING "A" (3)  J. Rosen
Painting from studio and outdoor subject matter. Elements of pictorial style.
Daily 7:20-10:00
224 PAINTING "B" (3)  K. Bushnell
Painting from identifiable sources; emphasis on expression and structure. Oil and related media. Pre: 223.
Daily 10:10-12:50

230 TEXTILE DESIGN (3) M. Everson
Daily 7:20-10:00

238 WEAVING (3) J. Williams
Creative processes of weaving. Warping and threading of simple hand looms and multiple harness looms. Seminars.
Daily 10:10-12:50

243 CERAMICS A (3) R. Lintault
Introduction to ceramic forms using hand building and wheel throwing techniques. Introduction to glazing techniques and surface treatment. Seminars.
Daily 7:20-10:00

244 CERAMICS B (3) T. Shimaoka
Daily 10:10-12:50

253 SCULPTURE (3) M. Sato
Study of form and structure using a variety of materials and techniques. Seminars.
Daily 10:10-12:50

254 INTERMEDIATE SCULPTURE (3) J. Wilson
Daily 10:10-12:50

265 ADVANCED VISUAL DESIGN (3) K. Kingrey
Investigation into the processes of visualization, its expression and control. Seminars. May be repeated.
Daily 7:20-10:00

270 ASPECTS OF EUROPEAN AND AMERICAN ART (3) Staff
Major developments in the arts of Europe and America.
Daily 8:45-10:00

280 ASPECTS OF ASIAN ART (3) S. Gill
Major developments in the arts of Asia.
Daily 7:20-8:35

313 ADVANCED DRAWING STUDIO (3) K. Bushnell
Creative projects in drawing, graphic techniques. Models provided. May be repeated. Pre: 213 and 214.
Daily 7:20-10:00

314 ILLUSTRATION (3) S. Kimura
Daily 7:20-10:00

317 ADVANCED PRINTMAKING (3) E. Stasack
Independent projects; advanced studio practice. Seminars. May be repeated. Pre: two semesters of 217.
Daily 10:10-12:50
330 ADVANCED TEXTILE DESIGN (3) M. Everson
Daily 10:10-12:50

338 ADVANCED WEAVING (3) Staff
Individual problems in weave construction and drafting; yarn and fiber characteristics as structural elements. Seminars. May be repeated. Pre: 239.
Daily 7:20-10:00

339 ADVANCED WEAVING (3) Staff
Individual problems in weave construction and drafting; yarn and fiber characteristics as structural elements. Seminars. Pre: 239 and 338.
Daily 7:20-10:00

342 GLAZE CALCULATIONS (3) C. Moran
Molecular formulae of glazes, temperature effects. Analysis of quality of glazes, clay bodies. Seminars. May be repeated. Pre: 244.
Daily 7:20-10:00

353 ADVANCED SCULPTURE (3) J. Wilson
Daily 7:20-10:00

362 LETTER FORMS (3) K. Kingrey
Design and communication. The letter as visual symbol and elements in design organization. Pre: 361.
Daily 10:10-12:50

391 ART OF SOUTH ASIA (3) P. Neogy
Major developments in arts of South Asia the West Asian context and growth of Southeast Asian art. Prerequisite: Art 280
Daily 1:10-2:25

400 SPECIAL PROJECTS IN ART (arr.) Staff
Intensive and specialized work at an advanced level in fields of special interest of visiting staff. See announcement for current offering. Pre: advanced standing and consent of instructor.

630 TEXTILE DESIGN (3) M. Everson
Individual problems in areas of specific interest within the textile field. Seminars. May be repeated. Pre: consent of chairman and instructor.
Daily 10:10-12:50

649 CERAMICS (3) T. Shimaoka
Individual problems in clay bodies and firing techniques. Seminars. May be repeated. Pre: consent of chairman and instructor.
Daily 1:10-3:50

Asian Studies (Asian)

410 SYMBOLISM IN CHINESE LITERATURE AND ART (2) Chiang
Interpretative survey of symbolism in Chinese literature and art and their relation to Chinese thought and life from the beginnings to the present days. General topics: the origin and development of Chinese symbolism, symbolic meanings of nature's features and
phenomena, of animals and birds, of flowers and trees, of fish and insects, etc. Illustrated by lantern slides when possible.
Daily 8:45-10:00
June 17-July 12

Botany (Bot)

181 PLANT LIFE OF THE SEA (4) M. Neushul
Kinds of marine plants, algae and seaweeds, where they grow, and the part they play in the productivity of the sea. Sea-shore trips. Pre: an introductory college biology course.
Daily 7:45-9:30

399 BOTANICAL PROBLEMS (arr.)
Limited to senior majors with 2.7 grade-point ratio, or 3.0 grade-point ratio in botany. May be repeated.
Hrs. arr.

699 DIRECTED RESEARCH (arr.)
Pre: candidacy for M.S. degree; consent of instructor.
Hrs. arr.

799 DIRECTED RESEARCH (arr.)
Pre: candidacy for Ph.D. degree; consent of instructor.
Hrs. arr.

Graduate Courses in Business Administration
All courses listed below will be offered June 17-Sept. 6.

Bus 605 BEHAVIORAL SCIENCE FOR BUSINESS (3) M. Gordon
Analysis of social and cultural forces that change the environmental context for management decision-making. Business problems derived from changing patterns of life examined in terms of social sciences, such as: anthropology, psychology, and sociology.
MW 6:00-7:35 p.m.

Bus 610 ECONOMIC ANALYSIS FOR BUSINESS (3) T. Ige
Economic analysis and background of the business firm, economic decisions, and economic environment of business.
MW 7:45-9:20 p.m.

Bus 615 QUANTITATIVE METHODS FOR BUSINESS (3) S. Kim
Mathematical methods and techniques of statistical inference used in business.
TTH 7:45-9:20 p.m.

Bus 620 ACCOUNTING (3) E. Currie
Introduction of financial and managerial accounting with emphasis on uses of accounting information in the planning and control of business enterprise by decision-maker.
TTH 6:00-7:35 p.m.

Bus 625 ADMINISTRATION (3) J. Miccio
Development of administrative theory and practices; analysis of the administrative process as an integrated whole, evaluation of current trends and problems.
MW 6:00-7:35 p.m.

Bus 630 FINANCE (3) L. Freitas
TTh 6:00-7:35 p.m.
Bus 635 MARKETING (3) L. Jacobs
Analysis of the fundamental problems in marketing management and modern methods of attacking them. Emphasis is upon strategy, decision-making, and the relationship of the firm to its customers.
TTh 4:00-5:35 p.m.

Bus 640 PERSONNEL AND INDUSTRIAL RELATIONS (3) M. Gordon
Analysis and critical evaluation of those issues, policies, and trends in personnel and labor relations which are of concern to management.
MW 4:00-5:35 p.m.

Bus 645 BUSINESS POLICY (3) J. Miccio
Analysis of comprehensive business problems to provide an integration of learning through the resolution of policy issues and through practice in administrative decision-making.
MW 7:45-9:20 p.m.

Acc 675 SEMINAR IN ADVANCED ACCOUNTING (3) E. Currie
Special problems in professional accounting: systems, auditing, cost accounting, taxes, etc.
TTh 4:00-5:35 p.m.

Fin 700 PROBLEMS IN BUSINESS FINANCE (3) L. Freitas
Application of financial principles and analytical techniques to current financial problems and developments from the point of view of the business firm.
TTh 7:45-9:20 p.m.

Business Administration

Accounting (Acc)

100 ELEMENTARY ACCOUNTING (3) S. Lee, E. Currie
(2 sections)
Theory and practice of income determination and asset valuation. Preparation and analysis of statements; uses for decision making. Pre: sophomore standing.
MWF (1) 7:45-9:30 (Lee)
MWF (2) 9:40-11:25 (Currie)
Laboratory (1) and (2) TTh 7:45-9:30

101 ELEMENTARY ACCOUNTING (3) D. Corbin
Theory and practice of income determination and asset valuation. Preparation and analysis of statements; uses for decision making. Pre: 100.
MWF 7:45-9:30 Laboratory (1) and (2) TTh 7:45-9:30

200 INTERMEDIATE ACCOUNTING (3) H. Lowe
Daily 11:35-12:50

300 ADVANCED ACCOUNTING (3) D. Corbin
Consolidated statements, fiduciaries, and other special problems of accounting. Pre: 201.
Daily 11:35-12:50

318 COST ACCOUNTING (3) S. Lee
Cost determination and analysis as a tool of management in such areas as pricing, make, rent, or buy decisions. Job order, process, direct and standard costs. Pre: 101.
Daily 10:10-11:25

Business Analysis and Statistics (BAS)

110 APPLIED MATHEMATICS (3) Chun
Application of mathematical operations to problems in business and economics: linear equations; progressions; theory of sets and functions; elementary matrix notation; dif-
ferential and integral calculus (including partial differentiation, maxima and minima, and Lagrange multiplier techniques). Pre: Math 134.
Daily 8:45-10:00

300 BUSINESS STATISTICS (3) Chung, Congdon
(2 sections)
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 (1) 11:35-12:50 (Chung) (2) 8:45-10:00 (Congdon)

301 BUSINESS STATISTICS (3)
Pre: 300.
Daily 11:35-12:50

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

320 INTRODUCTION TO QUANTITATIVE ANALYSIS (3) Kim
Tools and techniques for elementary operations research studies; introductory analysis of matrices, determinants and vector analysis for input-output, linear programming, and the theory of games. Pre: BAS 110, Math 134.
Daily 10:10-11:25

Business Economics (BeC)

303 MONEY, CREDIT AND THE CAPITAL MARKET (3) A. Kirkpatrick
Nature and functions of money, debt and credit, and liquidity; financial institutions and money market analysis; fund flow analysis.
Daily 11:35-12:50

340 MANAGERIAL ECONOMICS I (3) See
Demand analysis; production analysis relating to factors and to products; various forms of imperfect competition; demand creation and selling costs; multiproduct output, technological change; problems of uncertainty. Pre: Math 134, BAS 110.
Daily 10:10-11:25

Finance (Fin)

300 BUSINESS FINANCE (3) H. Lowe
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 also considered in their social, legal, and economic effects. Pre: Acc 101, Econ 150.
Daily 8:45-10:00

Management (Mgt)

300 PRINCIPLES OF MANAGEMENT (3) Bailey
Basic management functions of planning, controlling, organizing, staffing, directing; emphasis on human factors and quantitative analysis in developing a sound philosophy of management; critical evaluation of current practices in business firms.
Daily 8:45-10:00

320 OPERATIONS MANAGEMENT I (3) Richman
Planning for effective office and manufacturing operations: historical development, human
factors, methods analysis, work measurement, location, layout, machines and equipment, and records management.
Daily 8:45-10:00

321 OPERATIONS MANAGEMENT II (3) Richman
Control techniques for office and manufacturing operations: inventory and production planning and control, inspection and statistical quality control, computers and automation.
Pre: 320.
Daily 11:35-12:50

340 HUMAN FACTORS IN MANAGEMENT (3) Bailey
Human relations in business; contributions of sociology and psychology to the management process and to an understanding of individual behavior in organizations.
Daily 10:10-11:25

350 BUSINESS POLICY (3) Staff
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. Pre: senior standing.
Daily 7:20-8:35

Marketing (Mkt)

300 PRINCIPLES OF MARKETING (3) Stellmacher
Fundamental concepts and problems of marketing within the present economic, legal, and social environments; consumer analysis, functional analysis, and marketing institutions.
Daily 7:20-8:35

315 MARKETING MANAGEMENT (3) Stellmacher
Analysis and solution of problems involving pricing, distribution, product strategy, promotion, and marketing research from the management point of view. Economic and social responsibilities of the marketing function are emphasized.
Daily 10:10-11:25

330 ADVERTISING MANAGEMENT (3) Jacobs
Advertising decision making, advertising's role in the marketing mix, primary demand stimulation, selective demand stimulation, building complete programs, and advertising agency relationships.
Daily 8:45-10:00

340 RETAILING MANAGEMENT (3) Jacobs
Principles, functions and analysis of problems in retailing: location and layout; merchandise planning, buying, and selling; organization; expense analysis and control; coordination of store activities.
Daily 11:35-12:50

Personnel and Industrial Relations (PIR)

350 PERSONNEL AND LABOR RELATIONS (3) Pendleton
Introduction to labor and trade unionism; introduction to personnel management principles and practices.
Daily 8:45-10:00
### Travel Industry Management (TIM)
#### Real Estate (RE)

**300 REAL ESTATE FUNDAMENTALS (3)**
- **Principles of real estate for the customer and home owner, and as a business; real estate law, brokerage, management, appraisal, finance.**
- **Daily 8:45-10:00**

**Transportation (Trans)**

**350 ECONOMICS OF TRANSPORTATION (3)**
- **Development of our major transportation systems and their marketing function in the American economy as an integral part of the process of physical distribution.**
- **Daily 7:20-8:35**

### Travel Industry Management (TIM)
#### (Hotel, Restaurant, and Tourism Administration)

**100 INTERNSHIP I (0)**
- **Cox**
- **200 hours of paid employment in the hotel or tourist industry for each course. Employment obtained by the student with help and approval of the school.**

**101 INTRODUCTION TO TRAVEL INDUSTRY MANAGEMENT (3)**
- **Lascelles**
- **Broad general principles of hotel management and tourism particularly from standpoint of the close link between the two and the rapid developments taking place in these fields; guest lectures by leaders of hotel and travel industries.**
- **Daily 8:45-10:00**

**200 INTERNSHIP II (0)**
- **Cox**
- **200 hours of paid employment in the hotel or tourist industry for each course. Employment obtained by the student with help and approval of the school.**

**300 INTERNSHIP III (1)**
- **Cox**
- **200 hours of paid employment in the hotel or tourist industry for each course. Employment obtained by the student with help and approval of the school.**

**301 HOTEL MANAGEMENT PRINCIPLES (3)**
- **Cox**
- **Hotel keeping, including concepts of hotel management, management fundamentals and the hotel industry, forecasting, hotel front office management and uniform system of hotel accounting.**
- **Daily 8:45-10:00**

**400 INTERNSHIP IV (1)**
- **Cox**
- **200 hours of paid employment in the hotel or tourist industry for each course. Employment obtained by the student with help and approval of the school.**

### Chemistry (Chem)

**104 GENERAL CHEMISTRY (4)**
- **Fundamental laws, principles, and methods. Pre: 103. Terminal course for those students desiring only one year of college chemistry.**
- **Daily 8:30-10:00**
- **Laboratory TTh 1:00-5:00**

**331 ELEMENTARY QUANTITATIVE ANALYSIS (4)**
- **Beginning gravimetric and volumetric analysis. Pre: 106 or 107.**
- **Daily 11:35-12:25**
- **Laboratory (1) Daily 8:00-11:30**
- **(2) Daily 1:30-5:00**
399 DIRECTED RESEARCH (arr.)
Pre: consent of department chairman.
Hrs. arr.

699 DIRECTED RESEARCH (arr.)
Pre: consent of department chairman.
Hrs. arr.

**Chinese (Chin)**

101 ELEMENTARY CHINESE (3)
Development of four skills: listening, speaking, reading, and writing. Structural points introduced inductively. Language lab practice required daily.
Daily 10:10-12:50 plus laboratory

111 INTENSIVE ELEMENTARY CHINESE (6)
Intensive course equivalent to Elementary Chinese of academic year. Includes all four skills: listening, speaking, reading, writing. In addition to 25 hours of class work a week for 6 weeks, two periods of laboratory drill daily required. Pre: consent of instructor.
Daily 7:30-10:00; 1:10-3:40 plus laboratory

101 INTERMEDIATE CHINESE (4)
Continuation of 101-102. Language lab practice required daily.
Daily 7:40-10:00 plus laboratory

227 ACCELERATED THIRD-LEVEL CHINESE—MODERN (6)
Reading and discussion of materials related to social sciences. In one semester the content of 209-210 will be covered. Pre: consent of instructor.
Daily 10:10-11:25; 11:35-12:50 plus laboratory

407 STRUCTURE OF CHINESE (3)
Introductory study of the phonology, morphology, and syntax of Mandarin Chinese including some discussion of usage and of linguistic geography. Pre: 162 or equivalent.
Daily 10:10-11:25

813 CHINESE POETRY (3)
Critical study of Classical Chinese poetry in various forms. Pre: 212 or equivalent.
Daily 10:10-11:25

**Drama and Theatre (Drama)**

140 INTRODUCTION TO DRAMA AND THEATRE (3)
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 8:45-10:00

150 DRAMATIC PRODUCTION (3)
Introduction to process of converting the play into the performance.
Daily 9:10-10:00
Laboratory hrs. arr.

250 THEATRE WORKSHOP (3)
Lectures and supervised work in theatrical production, coordinated with productions of the University Summer Theatre; for the general student as well as drama majors and participants in the summer plays.
Daily 2:00-5:00
410 CREATIVE DRAMATICS (3)  Staff
Intensive study of dramatic activities for children and young people; designed for teachers, group workers, recreation majors, and others dealing with children. Daily 10:10-11:25

420 ACTING (3)  MacQueen
Individual exercises and group rehearsals. In addition to work in course, students must try out for summer productions and must play at least one role in public performance. Daily 1:10-2:25

421 ACTING (3)  McGaw
In addition to work in course, student must try out for summer productions and must play at least one role in public performance. Pre: 420 or the equivalent. Daily 11:35-12:50

423 CONTEMPORARY DRAMA AND THEATRE (3)  McGaw
Daily 10:10-11:25

424 BEGINNING DANCE TECHNIQUES (3)  Wolz
Training in modern dance and stage movement to develop flexibility, control, rhythm, and expressiveness. Pre: consent of instructor. Daily 8:45-10:10

425 ADVANCED DANCE TECHNIQUES (3)  Staff
Training in modern dance and stage movement to develop flexibility, control, rhythm, and expressiveness. Pre: consent of instructor. Daily 1:10-2:25

427 BALLET TECHNIQUE (3)  Sasa
(2 sections)

450 THEATRE MANAGEMENT (3)  MacQueen
Business organization, management, and public relations as practiced in professional, university, community, and secondary school theatres. Daily 11:35-12:25
Laboratory hrs. arr.

570 THE JAPANESE THEATRE (3)  Ortolani
Survey of the principal forms — Noh, the doll theatre, Kabuki, and modern drama. Daily 8:45-10:00

750 SEMINAR IN ORIENTAL THEATRE (3)  Ortolani
Special topics in the drama and theatre of the Orient. Pre: consent of instructor. MWF 11:35-1:40

Dutch (Dutch)

211-212 READING, COMPREHENSION, AND SPEAKING SKILLS (6)  R. E. Wood
Introduction to modern Dutch designed for those students who wish to study a second foreign language. Reading, grammar, with some conversation and laboratory drill. Cannot be used to fulfill a language requirement. Daily 8:45-10:00; 10:10-11:25
150 Principles of Economics (3)  Staff
Analysis of functioning of economic systems with emphasis on forces determining levels and changes of national income and employment. Describes basic economic institutions, e.g., markets, money, banks, labor organizations, corporations.
Daily 8:45-10:00

151 Principles of Economics (3)  Staff
Analysis of how commodity and factor prices are determined. Discusses policies for efficient allocation of scarce resources. Required of all economics majors.
Daily 10:10-11:25

240 Money and Banking (3)  J. W. Dean
The nature and role of money and the development of national and international monetary standards, the nature and role of commercial banking and financial intermediaries, and the development and function of central banking.
Daily 8:45-10:00

290 Labor Economics (3)  J. W. Dean
Economic analysis applied to the labor market; wages, hours, conditions of work, unemployment, etc.
Daily 11:35-12:50

302 Intermediate Economic Theory: National Income (3)  Staff
Concepts: determination of income, employment, price levels; effects of fiscal, monetary, other policies.
Daily 8:45-10:00

420 Quantitative Methods in Economic Analysis (3)
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. Pre: college algebra and 150-151.
Daily 10:10-11:25

460 International Trade and Finance (3)  Staff
Theoretical, institutional and historical aspects of international economic relations considered, including foreign exchange rates, balance of payments adjustment, tariffs, quotas, and trading blocs.
Daily 10:10-11:25

470 Government and Business (3)  Phillips
Consideration of economic aspects and consequences of regulation by government of business activity, with emphasis on regulatory boards. Economic analysis related to policy issues.
Daily 7:20-8:35

499 Economic Development (3)  Staff
Study of characteristics of underdeveloped economies, theories of economic growth, strategies of economic development, and investment criteria. Pre: 150, 151 or consent of instructor.
Daily 11:35-12:50

600 Theory of Price and Distribution (3)  Phillips
Develops theoretical apparatus of microeconomics. Pricing of products and of factors of production under partial and general equilibrium studied, also under varying degrees of competition and monopoly. Pre: 300.
Daily 10:10-11:25
680 SEMINAR IN INTERNATIONAL TRADE (3)  
Modern development in national income theory and welfare economics with relation to international trade. Pre: 300, 302, 460, 462, or consent of instructor. 
Daily 7:20-8:35

689 DIRECTED RESEARCH (arr.)  
Pre: consent of department chairman.

Education

Curriculum and Instruction (Ed C)

Prerequisite for the following courses is enrollment in the College of Education as classified student or permission of the department chairman: 319, 320, 321, 322, 323, 324, 326, 329, 331, 332, 420.

319 CHILDREN'S LITERATURE (2)  
Viguers, True  
(2 sections)  
Acquaintance with a wide range of children's books; criteria for judging literature on the basis of needs and interests. Pre: 341 or concurrent. 
Daily (1) 7:45-8:35 (Viguers) (2) 9:10-10:00 (True)

320 LANGUAGE ARTS, ELEMENTARY (2)  
Gillespie, Jenkins  
(2 sections)  
Modern approach to the teaching of language arts—reading, oral and written expression. Pre: 341 or concurrent. 
Daily (1) 7:45-8:35 (Gillespie) (2) 10:10-11:00 (Jenkins)

321 READING, ELEMENTARY (2)  
Uehara, Staff  
(2 sections)  
Survey of the reading process: development of reading readiness, word recognition, comprehension, reading rate, vocabulary, reading interests and reading in the content areas. Selection and use of reading materials and the evaluation and appraisal of reading progress. 
Daily (1) 9:10-10:00 (Uehara) (2) 1:35-2:25

322 SOCIAL STUDIES, ELEMENTARY (2)  
Amsdorf  
Major purposes: to point out special contribution of the social studies to the elementary curriculum; to aid students in developing sound instructional programs and procedures in elementary social studies. Pre: 341 or concurrent. 
Daily 11:35-12:25

323 SCIENCE, ELEMENTARY (2)  
L. Allen  
Science education in the elementary school; methods and materials; laboratory activities selected from new science curricula. Pre: 341 or concurrent.  
TTh Lec 10:10-11:00  
MWF Lab (1) 8:45-10:25 MWF Lab (2) 10:30-12:10

324 MATHEMATICS, ELEMENTARY (2)  
May  
Purpose, 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. Pre: 341 or concurrent; Math 111. 
Daily 9:10-10:00

326 CREATIVE ART, ELEMENTARY (2)  
Thomas, M. Mendelson  
(3 sections)  
Understanding scope and importance of art in the elementary school curriculum and creative use of art media through laboratory experiences. Pre: 341 or concurrent; Art 101.  
Daily (1) 7:20-9:00 (Thomas) (2) 11:10-12:50 (Mendelson) (3) 1:10-2:50 (Mendelson)
329 CREATIVE EXPRESSION IN ELEMENTARY EDUCATION (3) Woods
Development of communication skills through creative dramatics, rhythmic movement, and the related arts. Pre: 341 or concurrent or consent of instructor.
Daily 7:20-8:35

331 TEACHING OF READING IN INTERMEDIATE AND HIGH SCHOOL (2) Staff
Techniques and materials for teaching reading and improving reading skills in the intermediate and high school. Pre: 341 or concurrent.
Daily 1:35-2:25

332 SOCIAL STUDIES, SECONDARY (3) Olmo
Scope and organization of social studies in the secondary school; development of social knowledge and understanding. Pre: 341 or concurrent.
Daily 8:45-10:00

341(1) FOUNDATIONS IN CURRICULUM AND INSTRUCTION: EARLY CHILDHOOD EDUCATION (3) Reddin
Study of the objectives and organization of the school's curriculum; discussion of principles and practices; roles of the teacher in the school. Pre: Ed EP 372 and Ed EF 320. (Not required of students who have had Ed EE 220, 221, 224, or Ed SE 230.)
Daily 7:20-8:35

341(3) FOUNDATIONS IN CURRICULUM AND INSTRUCTION: ELEMENTARY EDUCATION (3) Braun
Study of the objectives and organization of the school's curriculum; discussion of principles and practices; roles of the teacher in the school. Pre: Ed EP 372 and Ed EF 320. (Not required of students who have had Ed EE 220, 221, 224, or Ed SE 230.)
Daily 10:10-11:25

341(10) FOUNDATIONS IN CURRICULUM AND INSTRUCTION: SECONDARY EDUCATION (3) D. Noda
Study of the objectives and organization of the school's curriculum; discussion of principles and practices; roles of the teacher in the school. Pre: Ed EP 372 and Ed EF 320. (Not required of students who have had Ed EE 220, 221, 224, or Ed SE 230.)
Daily 10:10-11:25

345 LITERATURE FOR ADOLESCENTS (2) Staff
Literature for the secondary school level; helping students appreciate the significance and meaning of literature; materials suitable for varying levels of ability and interests.
Daily 7:45-8:35

441 EDUCATION OF THE SLOW LEARNERS (3) Dingler
Characteristics and educational provisions for the slow learning children. (Student must enroll in both 441 and 442.)
Daily 8:45-10:00

442 CURRICULUM DEVELOPMENT AND INSTRUCTION FOR THE SLOW LEARNERS (3) Dingler
Development of curricula and use of instructional materials for teaching slow learners in grades K-12. (Student must enroll in both 442 and 441.)
Daily 10:10-11:25

520(9) SUPERVISION OF STUDENT TEACHING: ELEMENTARY EDUCATION (3) Inn
Principles and methods; role of the supervisor; human relations in supervision of student teaching. Pre: teaching experience; consent of instructor.
Daily 8:45-10:00

520(10) SUPERVISION OF STUDENT TEACHING: SECONDARY EDUCATION (3) Staff
Principles and methods; role of the supervisor; human relations in supervision of student teaching. Pre: teaching experience; consent of instructor.
Daily 11:35-12:50

527 METHODS AND MATERIALS FOR THE STUDY OF HAWAII (3) Fitzsimmons
(2 sections)
A course on the State of Hawaii organized to have island teachers study content,
materials, and activities that may be used particularly in the fourth through the seventh grades of our State schools. Pre: 322; 341 or concurrent or teaching experience.
Daily (1) 8:45-10:00 (2) 10:10-11:25

540(2) PRACTICUM IN CURRICULUM DEVELOPMENT: BUSINESS EDUCATION (2) Morris
Daily 10:10-11:00

540(3) PRACTICUM IN CURRICULUM DEVELOPMENT: ENGLISH EDUCATION (2) Staff
Daily 11:35-12:25

545 THEORY AND PROBLEMS OF DEVELOPING CREATIVE ABILITY (3) True
Critical study of the relationship of creativity to values and goals of education. Description of the creative process, the ontogeny of creative development, the creative student, and the creative teacher. Survey of methodology of assessment and enhancement of creative ability. Consideration of classroom problems of creativity. Course pertains to the teacher's role in creative development at various grade levels and in various courses; focus is not restricted to art. Pre: teaching experience.
Daily 11:35-12:50

565 ECONOMICS IN THE ELEMENTARY SCHOOL CURRICULUM (6) Temple
Emphasis on the overall functional knowledge of economics. Concentration on areas of economics which are most specifically related to the elementary school curriculum. (For selected elementary school teachers and administrators only.)
Hrs. arr.

595 AEROSPACE EDUCATION WORKSHOP (5) Crum
Introduction to aerospace science and technology and the social, economic, and political implications. Designed for all K-12 teachers, administrators, and curriculum specialists. Participation by national and local leaders in aerospace and related fields. Laboratory experiences include demonstrations, field trips, and development of curriculum materials. Descriptive brochure sent on request. Fee for laboratory and materials is $15.
MWF 8:00-12:00
TTh 8:00-3:30

619 CHILDREN'S LITERATURE IN THE ELEMENTARY CURRICULUM (3) Viguers
Examination in depth of traditional and modern literature for children with emphasis upon genre, historical development, research, and curriculum development. Pre: 319.
Daily 10:10-11:25

620 TEACHING READING IN THE ELEMENTARY SCHOOL (3) Gillespie, Uehara
(2 sections)
Developmental and psychological aspects of the reading process with study in depth of current trends, research, and techniques of evaluation. Pre: 321.
Daily (1) 10:10-11:25 (Gillespie) (2) 11:35-12:50 (Uehara)

621 MODERN LANGUAGE ARTS PROGRAM, ELEMENTARY (3) Kittel
(2 sections)
Critical examination of educational procedures in the teaching of language arts; current research including that related to language deprivation and linguistic science. Pre: 320 and teaching experience.
Daily (1) 8:45-10:00 (2) 10:10-11:25
622 ELEMENTARY SCHOOL CURRICULUM (3)  
Theoretical foundations of curriculum development; curriculum research; critical examination of current practices in curriculum development for the elementary school. Pre: 341 or equivalent; teaching experience.  
Daily 1:10-2:25

623 THE 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 stressed. Pre: 323 and teaching experience.  
Daily 7:20-8:35

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

625 THE ELEMENTARY SOCIAL STUDIES CURRICULUM (3)  
Examination and evaluation of social science content, societal values, and research findings as basis for development and revision of social studies materials, texts, curriculum guides, and methodology. Pre: 322; teaching experience.  
Daily 8:45-10:00

626 ART IN ELEMENTARY EDUCATION (3)  
Principles of and problems in teaching art in the elementary school; curriculum development and current approaches in art education; laboratory experiences in art media. Pre: 326; Art 101.  
Daily 9:10-10:50

628 CURRICULUM DEVELOPMENT IN CREATIVE EXPRESSION (3)  
Leadership training for teachers of creative dramatics, rhythmic movement, and the related arts. Pre: 329 or consent of instructor.  
Daily 10:10-11:25

634 EXTRACLASS ACTIVITIES IN SECONDARY SCHOOLS (2)  
Exploring the potential contribution and utilization of extraclass activities: homeroom, student council, athletics, intramurals, clubs, dramatics, publications, speech activities, assemblies, etc.  
Daily 10:10-11:00

635 JUNIOR HIGH SCHOOL CURRICULUM (3)  
Programs for the intermediate school; relationship of teachers, administrators, and parents; curriculum problems; evaluation. Pre: teaching experience.  
Daily 1:10-2:25

638 SECONDARY SCHOOL CURRICULUM (3)  
(2 sections)  
Principles and techniques of curriculum improvement at secondary school level. Pre: teaching experience.  
Daily (1) 7:20-8:35 (Noda)  
Daily (2) 8:45-10:00 (Martin)

637 ART IN SECONDARY EDUCATION (3)  
Principles of and problems in teaching art in secondary school; current approaches in teaching art. Pre: 336 and consent of instructor.  
Daily 9:10-10:50

640(1) SEMINAR IN TEACHING FIELDS: BUSINESS EDUCATION (3)  
Study of trends, research, and problems of implementation in special areas of teaching in the secondary school. Pre: undergraduate special methods course in appropriate teaching field; teaching experience; consent of instructor.  
Daily 1:10-2:25
640(10) SEMINAR IN TEACHING FIELDS: SOCIAL STUDIES EDUCATION (3)  Fultz
Study of trends, research, and problems of implementation in special areas of teaching in the secondary school. Pre: undergraduate special methods course in appropriate teaching field; teaching experience; consent of instructor.
Daily 10:10-11:25

667 CURRICULUM TRENDS IN EARLY CHILDHOOD EDUCATION (3)  Reddin
Study of current issues in nursery, kindergarten and early elementary education with emphasis on research and theory basic to curriculum development and program planning. Pre: 341 or equivalent and teaching experience.
Daily 10:10-11:25

722 SEMINAR IN ELEMENTARY CURRICULUM FOUNDATIONS (3)  Jenkins
Advanced study in the development and improvement of the curriculum of the elementary schools. Pre: 622; consent of instructor. May be repeated once for credit.
Daily 11:35-12:50

733 SEMINAR IN CURRICULUM, SECONDARY (3)  Meyer, In, Martin
(3 sections)
Advanced study in the development and improvement of the curriculum of the secondary schools. Required for Plan B M.Ed. candidates in their final semester or summer session. Pre: 636; consent of instructor. May be repeated once for credit.
Daily (1) 8:45-10:00 (Meyer) (2) 10:10-11:25 (In) (3) 11:35-12:50 (Martin)

Industrial Education (IE)

300 INDUSTRIAL CRAFTS-JEWELRY AND LAPIARY PROCESSES (2)  Staff
Design, processes and materials of jewelry making; lapidary processes and materials for polishing semi-precious gemstones; black coral polishing and mounting.
Daily 12:35-2:25

401 PROBLEMS IN INDUSTRIAL EDUCATION (var.)  Poyzer
Program arranged for specialization in several technical areas. May be repeated for total of 5 credits.
Daily Hrs. arr.

402 IMPROVEMENT OF INSTRUCTION, INDUSTRIAL EDUCATION (var.)  Poyzer
Consideration of problems in teaching industrial education. May be repeated for total of 5 credits.
Daily Hrs. arr.

764 SEMINAR IN INDUSTRIAL EDUCATION (2)  Poyzer
Individual study of special problems.
Daily 9:10-10:00

Educational Administration (Ed EA)

610 SCHOOL-COMMUNITY RELATIONS (3)  Crossley
Application of principles, techniques, policies, organization of a school-community information program. Pre: 680 or consent of instructor.
Daily 7:20-8:35

620 SCHOOL FINANCE (3)  Nelson
School revenues, apportionments, budgetary procedures, costs and business management. Pre: 680, 685, 780 or consent of instructor.
Daily 10:10-11:25
630 SCHOOL LAW (3)  Johnson
Functions, relationships, and responsibilities of school districts and school personnel with interpretations of legal status as shown by constitutions, statutes, and court decisions. Pre: 680, 780 or consent of instructor.
Daily 8:45-10:00

680 SCHOOL ORGANIZATION (3)  Johnson
Function of the teacher in school administration; state organization of public education; Hawaii school law and State Department of Education regulations. Pre: teaching experience; may include student teaching, or consent of instructor.
Daily 11:35-12:50

685 EDUCATIONAL ADMINISTRATION: THEORY AND PRINCIPLES (3)  Jackson
Theory and principles of administration. Included in requirements for the M.Ed. Pre: 680, teaching experience, or consent of instructor.
Daily 8:45-10:00

699 DIRECTED RESEARCH (var.)  Staff
Individual reading and/or research. Pre: consent of instructor and department chairman.

700 RESEARCH SEMINAR IN EDUCATIONAL ADMINISTRATION (3)  Jackson
Basic concepts of research in educational administration. Study and discussion of significant topics and problems, and includes the preparation and reporting of a scholarly paper. Required of Plan II M.Ed. candidates. Pre: consent of instructor.
Daily 11:35-12:50

770 SEMINAR IN SCHOOL SUPERVISION (3)  Crossley
Application of methods and tools of supervision; faculty meetings; classroom observation; conferences; evaluation. Pre: consent of instructor. May be repeated.
Daily 10:10-11:25

Educational Communications (Ed EC)
EC 514, its equivalent, or consent of department chairman is a prerequisite to all other courses.

514 AUDIO-VISUAL MEDIA (3)  Staff
(3 sections)
Communication theory, characteristics of A-V media: 2-D visuals, realia, 16mm, sound motion picture films, programmed learning, television, projected and opaque materials, maps and models. Emphasis on utilization.
Daily (1) 7:45-8:35; lab hrs. arr.  (2) 9:10-10:00; lab hrs. arr.  (3) 10:10-11:00; lab hrs. arr.

620 INTRODUCTION TO INSTRUCTIONAL MATERIALS PRODUCTION (3)  G. Mendelson
(2 sections)
Preparation of two- and three-dimensional instructional materials, charts, graphs, learning displays, television graphics, pictures, slides, overhead transparencies, manipulative tactile materials, and audio recordings.
Daily (1) 10:10-11:25  (2) 1:10-2:25

630 TELEVISION IN EDUCATION (3)  Reed, Staff
(2 sections)
Research backgrounds; development and utilization of television in education including fundamentals of television production and teaching on television with emphasis on the utilization of television in the school.
Daily (1) 8:45-10:00 (Reed)  (2) 10:10-11:25

635 ADVANCED EDUCATIONAL TELEVISION (3)  Staff
Research and study of educational development and utilization of instructional television with emphasis on ETV and the systems approach to multimedia instruction in specific learning situations. Pre: 630, its equivalent, or consent of instructor.
Daily 11:35-12:50
640 PROGRAMMED LEARNING (3) McBeath
(Same as Ed EP 640)
Learning theory, experimental procedures and related systems and readings in the study
and development of programmed learning. Evaluation, selection, and utilization of pro-
grams in the classroom. Pre: Ed EP 672 or consent of instructor.
Daily 1:10-2:25

Educational Foundations (Ed EF)

320 FOUNDATIONS OF AMERICAN EDUCATION (3) Walsh, Rust
(2 sections)
Contemporary educational theory and practice as related to major historical, philosophical,
and social factors in American culture.
Daily (1) 8:45-10:00 (Walsh) (2) 10:10-11:25 (Rust)

409 CULTURALLY AND ECONOMICALLY DISADVANTAGED PUPIL (3) Staff
(Same as Ed EP 409)
(2 sections)
Survey of social and psychological factors related to the culturally and economically disad-
vantaged pupil and his education. Review of local resources and facilities to assist these
pupils. Pre: consent of instructor.
Daily (1) 7:20-8:35 (2) 8:45-10:00

480 ANTHROPOLOGY AND EDUCATION (3) Staff
(Same as Anth 550)
Education as a means of transmitting culture. Socialization in non-literate societies;
universal aspects of the process. Cross-cultural education.
Daily 11:35-12:50

650 HISTORICAL FOUNDATIONS OF WESTERN EDUCATION (3) L. Fischer
History of European thought and practice as a basis for the study of modern education.
Daily 11:35-12:50

651 HISTORY OF AMERICAN EDUCATION (3) Messerli
(2 sections)
Introduction to the history of American educational thought from the 17th century to the
present.
Daily (1) 7:20-8:35 (2) 10:10-11:25

660 PHILOSOPHY OF EDUCATION (3) Wirth, L. Fischer
(3 sections)
Philosophical considerations essential to theories of education. Pre: Student teaching.
Daily (1) 7:20-8:35 (Wirth) (2) 8:45-10:00 (Fischer)
(3) 10:10-11:25 (Wirth)

670 COMPARATIVE EDUCATION: EUROPE AND AMERICA (3) Rust
Comparison of the ways in which contemporary Western societies undertake to meet their
educational problems.
Daily 1:10-2:25

671 COMPARATIVE EDUCATION: ASIA (3) Kobayashi
Study of the educational institutions, practices, and problems in the countries of Asia,
viewed against the backdrop of their traditional culture.
Daily 11:35-12:50

683 SOCIAL FOUNDATIONS OF EDUCATION (3) Walsh
Impact on education of major social trends and forces operating in American society;
social change and education. Pre: consent of instructor.
Daily 10:10-11:25

699 DIRECTED RESEARCH (var.) Staff
Individual reading or research. Pre: consent of instructor and department chairman.
Educational Psychology (Ed EP)

372 and 416 or their equivalents are prerequisites for all graduate courses in Educational Psychology.

372 PSYCHOLOGICAL FOUNDATIONS (3)  
Niyekawa-Howard, T. McIntosh, Ballif  
(4 sections)  
Principles of learning and individual differences and the relationships of these factors to classroom experience. Pre: Psy 100.  
Daily (1) 7:20-8:35 (Niyekawa-Howard)  
(2) 8:45-10:00 (McIntosh)  
(3) 10:10-11:25 (McIntosh)  
(4) 11:35-12:50 (Ballif)

404 EDUCATION OF EXCEPTIONAL CHILDREN (3)  
Lord, Ringelheim  
(2 sections)  
Survey of the characteristics of children who deviate from the average in mental, sensory, physical, and social attributes; reviews adaptations made by schools to the abilities and disabilities of exceptional children.  
Daily (1) 8:45-10:00 (Ringelheim)  
(2) 11:35-12:50 (Lord)

405 THE MENTALLY RETARDED (3)  
Lord  
Review of the psychological, social, and vocational problems related to mentally retarded children and their families.  
Daily 8:45-10:00

408 THE EMOTIONALLY DISTURBED CHILD (3)  
Quay, E. Jackson  
(3 sections)  
Study of the behavioral characteristics, methods of identification and management of emotionally disturbed children in regular and special classes within the public schools, private day schools, clinics, residential schools, and hospitals.  
Daily (1) 7:20-8:35 (Quay)  
(2) 10:10-11:25 (Jackson)  
(3) 11:35-12:50 (Jackson)

409 CULTURALLY AND ECONOMICALLY DISADVANTAGED PUPIL (3)  
Staff  
(Same as Ed EF 409)  
(2 sections)  
Survey of social and psychological factors related to the culturally and economically disadvantaged pupil and his education. Review of local resources and facilities to assist these pupils. Pre: consent of instructor.  
Daily (1) 7:20-8:35  
(2) 8:45-10:00

416 TESTS AND MEASUREMENTS (3)  
Sax, Adkins, Ryans  
(3 sections)  
Theory and techniques of measurement and evaluation in education, including supervised experience in instrument development and analysis.  
Daily (1) 7:20-8:35 (Sax)  
(2) 8:45-10:00 (Adkins)  
(3) 11:35-12:50 (Ryans)

429 INTRODUCTORY STATISTICS (3)  
Dunn-Rankin  
Introduction to statistical methods, with laboratory applications to educational and psychological data, especially scores on educational measurement devices and other indices of learning or behavioral change. Pre: one year of high school algebra or one college course in mathematics; 372 and 416 desirable.  
Daily 10:10-11:25

432 HUMAN MOTIVATION AND EDUCATION (3)  
Ballif  
Application of motivation theory and research to understanding and increasing human motivation for education. Pre: 372.  
Daily 8:45-10:00

507 REMEDIAL READING (3)  
R. Alm, Harris  
(4 sections)  
Techniques for motivating and helping children whose reading skills are below their capacity and needs.  
Daily (1) 7:20-8:35 (Harris)  
(2) 8:45-10:00 (Alm)  
(3) 10:10-11:25 (Harris)  
(4) 11:35-12:50 (Alm)
601 GUIDANCE IN THE SCHOOL (3) Stone, Carse, Westcott, Oppelt
(4 sections)
Basic principles of guidance; consideration of techniques, organization, materials, resources.
Daily (1) 7:20-8:35 (Stone) (2) 10:10-11:25 (Carse) (3) 11:35-12:50 (Westcott) (4) 1:10-2:25 (Oppelt)

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

604 OCCUPATIONAL INFORMATION IN GUIDANCE (3) Oppelt
Occupational research and survey techniques; trends, sources of materials, use of occupational information in vocational guidance. Pre: 601.
Daily 2:35-3:50

605 PROBLEMS OF SCHOOL ADJUSTMENT (3) Ringness, Quay, Kennedy
(3 sections)
Principles of behavior which affect human relationships in the school, with emphasis upon application to actual situations.
Daily (1) 8:45-10:00 (Ringness) (2) 10:10-11:25 (Quay) (3) 11:35-12:50 (Kennedy)

609 TESTS AND INVENTORIES IN GUIDANCE (3) Ringness
Daily 1:10-2:25

614 EDUCATION OF GIFTED CHILDREN (3) Ringelhelm
Daily 11:35-12:50

629 EDUCATIONAL STATISTICS (3) Bhushan
Statistical inference including the applications of parametric and non-parametric methods to educational problems. Pre: 429 or its equivalent.
Daily 7:20-8:35

640 PROGRAMMED LEARNING (3) McBeath
(Same as Ed EC 640)
Learning theory, experimental procedures and related systems and readings in the study and development of programmed learning. Evaluation, selection and utilization of programs in the classroom. Pre: 672 or consent of instructor.
Daily 1:10-2:25

672 ADVANCED EDUCATIONAL PSYCHOLOGY: LEARNING (3) Reid
Application of experimental evidence in learning upon major educational problems, analysis of research methods in classroom learning. Pre: consent of instructor.
Daily 11:35-12:50

673 ADVANCED EDUCATIONAL PSYCHOLOGY: PSYCHO-SOCIAL DEVELOPMENT (3) Niyekawa-Howard
Research methods and findings involving classroom group structures, attitude and personality development, and psycholinguistic behavior. Pre: consent of instructor.
Daily 10:10-11:25

682 PSYCHOLOGICAL APPRAISAL (A) (3) Sax
(Same as Psy 682)
Introduction to clinical study of the individual. Appraisal theory and practice. Emphasis on individual intelligence tests. Pre: 416 or Psy 216; consent of instructor.
Daily 8:45-10:00
701(3) SEMINAR IN GUIDANCE: COUNSELING (3) Stone
Current issues and problems. Pre: 8 credits in guidance courses; consent of instructor; may be repeated for credit.
Daily 10:10-11:25

702 GROUP GUIDANCE (3) Dinkmeyer, Westcott
(2 sections)
Daily (1) 10:10-11:25 (Dinkmeyer)  (2) 1:10-2:25 (Westcott)

708 EDUCATIONAL RESEARCH METHODS (3) F. King
Research techniques and thesis development. Pre: 429 or its equivalent; consent of instructor.
Daily 1:10-2:25

709 ADVANCED PROBLEMS OF EDUCATIONAL MEASUREMENT AND EVALUATION (3) Adkins
Theory of educational measurement and evaluation; analysis of educational tests and scales emphasizing statistical and psychological analysis of teacher-made and standardized tests and scales. Pre: 416, 429.
Daily 10:10-11:25

768(4) SEMINAR IN EDUCATIONAL PSYCHOLOGY: RESEARCH AND STATISTICS (3) F. King
Current issues and problems. May be repeated for credit. Pre: consent of instructor.
Daily 11:35-12:50

(At Wahiawa)

408 THE EMOTIONALLY DISTURBED CHILD (3) Staff
Study of the behavioral characteristics, methods of identification and management of emotionally disturbed children in regular and special classes within public schools, private day schools, clinics, residential schools, and hospitals.
MWF 8:00-10:05

507 REMEDIAL READING (3) Staff
Techniques for motivating and helping children whose reading skills are below their capacity and needs.
MWF 10:15-12:20

Health & Physical Education (HPE)

Medical Clearance Requirement: For HPE courses numbered 101 through 162, 232 through 236, 333 through 337, and 433 through 434 a student is required to submit a medical clearance issued by the University of Hawaii Student Health Service no later than Friday, June 21, 1968. For the procedure to obtain this clearance see p. 40.

103 SWIMMING: BEGINNING (1) Gustuson, Selchi
(4 sections)
Adjusting to water, immersing in water, floating, sculling; correct arm stroke, leg kick, breathing techniques and their coordination.
Daily (1) 9:10-10:00 (Gustuson)  (2) 9:10-10:00 (Selchi)
(3) 10:10-11:00 (Gustuson)  (4) 10:10-11:00 (Selchi)

104 SWIMMING: INTERMEDIATE (1) Selchi
Emphasis on perfecting and integrating basic strokes with added emphasis on swimming for distance and speed.
Daily 11:35-12:25
107 TENNIS: BEGINNING (1)
   (3 sections)
   Rules, etiquette, grip, forehand and backhand strokes, serving, volleying, and singles and doubles play.
   Daily (1) 9:10-10:00  (2) 10:10-11:00  (3) 11:10-12:00

110 GOLF: BEGINNING (1)
   (4 sections)
   Rules, etiquette, grip, stance, drive, normal iron shots, approach shots, and putting.
   Daily (1) 7:45-8:35  (2) 9:10-10:00  (3) 10:10-11:00  (4) 11:10-12:00

111 GOLF: ADVANCED (1)
   Emphasis on improving the drive, fairway wood shots, long iron shots, control shots, trouble shots, putting, course management, competitive strategy and problems in rules. Actual play on golf course requires additional green fees.
   MW 1:35-3:40

124 DANCES OF HAWAII (1)
   (12 sections)
   Background and fundamentals of the hula. Selected dances with and without instruments.
   Daily (1) 7:45-8:35 (Beamer)  (7) 10:10-11:00 (Beamer)
   (2) 7:45-8:35 (Vasconcellos)  (8) 10:10-11:00 (Vasconcellos)
   (3) 7:45-8:35 (Sharpe)  (9) 10:10-11:00 (Sharpe)
   (4) 9:10-10:00 (Beamer)  (10) 11:10-12:00 (Beamer)
   (5) 9:10-10:00 (Vasconcellos)  (11) 11:10-12:00 (Vasconcellos)
   (6) 9:10-10:00 (Sharpe)  (12) 11:10-12:00 (Sharpe)

154 TUMBLING AND REBOUND TUMBLING (1)
   Single and combination stunts on the tumbling mats and the trampoline, balancing stunts and correct techniques of spotting and safety procedures.
   Daily 11:10-12:00

160 JUDO (1)
   Rules, etiquette, correct method of falling and breaking the fall, simple throws and their counters, simple holds and the breaking of such holds, and randori. Student must provide his own uniform “gi.”
   Daily 10:10-11:00

162 KARATE (1)
   (2 sections)
   Rules, etiquette, basic stances, blocks, thrusts, kicks, ippon kumite, and selected kata. Student must provide his own uniform “gi.”
   Daily (1) 7:45-8:35  (2) 9:10-10:00

163 T'AI CHI CH'UAN (1)
   (3 sections)
   Analytical and laboratory study of the classic forms of T'ai Chi Ch'uan (advanced form of Kung Fu).
   Daily (1) 9:10-10:00  (2) 10:10-11:00  (3) 11:10-12:00

190 MODERN HEALTH: PERSONAL (1)
   Mental-emotional health, family-living, and scientific health information as a basis for personal hygienic living.
   Daily 7:45-8:35

195 MODERN HEALTH: PERSONAL AND COMMUNITY (2)
   Intended primarily for majors in health education, physical education and recreation.
Mental-emotional health, family-living, and scientific health information as a basis for personal and community health.
Daily 7:45-8:35

Courses numbered 201 and above are not open to lower division students.

232 SAFETY PROCEDURES AND FIRST AID (2)
(2 sections)
Preventive and emergency treatment of injuries; emphasis on school, playground, and athletic situations; practical work in first aid, Red Cross certificate may be earned.
Daily (1) 10:10-11:25 (2) 11:35-12:50
June 24-July 19

233 PHYSICAL EDUCATION: ELEMENTARY (3)
(2 sections)
Content and methods for physical education in the elementary school with emphasis on selection, planning, teaching, and evaluation of movement exploration and physical activities.
Daily (1) 12:10-1:25 (2) 1:35-2:50

531 PRACTICUM IN SCHOOL HEALTH EDUCATION: FAMILY LIFE AND SEX EDUCATION (3)
(Same as HE 531)
(2 sections)
Practicum intended for teachers to upgrade subject matter in health education: family life and sex education. Pre: teaching experience and consent of instructor.
Daily (1) 8:45-10:00 (2) 10:10-11:25

533 PHYSICAL EDUCATION AND CHILD DEVELOPMENT (3)
(2 sections)
Conceptions of physical, social, emotional and intellectual growth and development of the child as influenced by physical education. Pre: 203, 233, and Psy 320 or one year of elementary teaching experience; Ed CI 341 desirable.
Daily (1) 8:45-10:00 (2) 10:10-11:25

534 ADAPTED PHYSICAL EDUCATION (3)
Factors essential to the practice of adapted physical education; disabilities, problems and needs of physically handicapped pupils with emphasis on accepted procedures for meeting these. Pre: 454 and 463.
Daily 8:45-10:00

543 PUBLIC SCHOOL CURRICULUM FOR PHYSICAL EDUCATION (3)
Detailed examination of the contents of an adequate curriculum for physical education in the public schools (kindergarten through grade 12). Pre: 203, Ed CI 343, Ed CI 636, or consent of instructor.
Daily 7:20-8:35

574(1) ASSESSMENT OF PHYSICAL FITNESS: ELEMENTARY SCHOOL (3)
Practicum intended for teachers of physical education dealing with current methods and techniques by which physical fitness and related aspects of physical status are assessed. Pre: teaching experience and consent of instructor.
Daily 11:35-12:50

574(2) ASSESSMENT OF PHYSICAL FITNESS: SECONDARY SCHOOL (3)
Practicum intended for teachers of physical education dealing with current methods and techniques by which physical fitness and related aspects of physical status are assessed. Pre: teaching experience and consent of instructor.
Daily 10:10-11:25
Engineering

Civil Engineering (CE)

170 APPLIED MECHANICS I (3) Evans
Equilibrium of particles, rigid bodies, frames and machines; vectors, centroids, friction, and moments of inertia. Pre: Phys 170.
Daily 8:45-10:00

General Engineering (GE)

61 GRAPHICAL COMMUNICATION (1) L. Drake
Orthographic and pictorial instrument drawing and sketching, dimensioning, auxiliary and section views. Intended for engineering students who have not had one year of high school mechanical drawing.
Daily 7:45-8:35

110 DIGITAL COMPUTER PROGRAMMING (1) L. Drake
Introduction to FORTRAN IV language and application to engineering problems using IBM 360. Pre: Math 135. Not open to students with previous credit in FORTRAN.
MWF 10:10-11:00

Mechanical Engineering (ME)

231 THERMODYNAMICS (3) J. Fox
Basic laws; work, heat and the concept of entropy; perfect gases, mixtures; availability, irreversibility, and efficiency. Pre: Phys 174.
Daily 8:45-10:00

243 MECHANICS OF SOLIDS (3) G. Johnson
Analysis of deformable bodies; stresses, strains, and criteria for yielding and fracture; torsion, bending, and buckling. Pre: CE 170.
Daily 10:10-11:25

342 AIR CONDITIONING AND REFRIGERATION (3) H. C. Chai
Refrigeration processes, psychrometries, solar radiation. Applications to air conditioning design. Pre: 232
Daily 11:35-12:50

English (Eng)

101 EXPOSITORY WRITING (First Semester) (3) Staff
Training in analysis of expository essays; introduction and practice of principal exposition 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 (6) 8:45-10:00 (10) 10:10-11:25 (14) 11:35-12:50
(2) 7:20-8:35 (7) 8:45-10:00 (11) 10:10-11:25 (15) 11:35-12:50
(3) 7:20-8:35 (8) 8:45-10:00 (12) 10:10-11:25 (16) 11:35-12:50
(4) 7:20-8:35 (9) 8:45-10:00 (13) 10:10-11:25 (17) 11:35-12:50
(5) 7:20-8:35
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. Pre: 101 (English 102 in the Summer Session is not recommended for students who passed 101 with a grade of D, or who have taken 102 previously and received a grade of F).

Daily (1) 7:20-8:35 (4) 8:45-10:00 (7) 10:10-11:25 (10) 11:35-12:50
(2) 7:20-8:35 (5) 8:45-10:00 (8) 10:10-11:25
(3) 7:20-8:35 (6) 8:45-10:00 (9) 11:35-12:50

150 MAJOR WORKS OF BRITISH AND AMERICAN LITERATURE (3) T. Summersgill, A. Levitan, P. Hogan, J. Lowers
(4 sections)
From the Middle Ages to 1800; an introductory course for sophomores.
Daily (1) 7:20-8:35 (Summersgill) (2) 8:45-10:00 (Levitan)
(3) 10:10-11:25 (Hogan) (4) 11:35-12:50 (Lowers)

151 MAJOR WORKS OF BRITISH AND AMERICAN LITERATURE (3) D. McManus, J. Freimarck, M. Solomon, A. Simson
(4 sections)
From 1800 to the present; an introductory course for sophomores.
Daily (1) 7:20-8:35 (McManus) (2) 8:45-10:00 (Freimarck)
(3) 10:10-11:25 (Solomon) (4) 11:35-12:50 (Simson)

152 WORLD LITERATURE: TO THE RENAISSANCE (3) P. Stern, L. Wellein, S. Feldman, L. Winters
(4 sections)
Major works of classical, Oriental, European, and English literature.
Daily (1) 7:20-8:35 (Stern) (2) 8:45-10:00 (Wellein)
(3) 10:10-11:25 (Feldman) (4) 11:35-12:50 (Winters)

153 WORLD LITERATURE: 1600 TO THE PRESENT (3) G. Peters, J. Welch, A. Griffing, P. Raymond
(4 sections)
Major works of classical, Oriental, European, American, and English literature.
Daily (1) 7:20-8:35 (Peters) (2) 8:45-10:00 (Welch)
(3) 10:10-11:25 (Griffing) (4) 11:35-12:50 (Raymond)

154 TYPES OF LITERATURE (3) W. Wenska, M. Re, T. Duncan-Hall, D. deFano
(4 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 (Wenska) (2) 8:45-10:00 (Re)
(3) 10:10-11:25 (Duncan-Hall) (4) 11:35-12:50 (deFano)

155 TYPES OF LITERATURE (3) D. Brunn, M. Drobnjak, R. Okada, C. Pasles
(4 sections)
Practical criticism in the major genres of European and American literature. Drama, biography, poetry.
Daily (1) 7:20-8:35 (Brunn) (2) 8:45-10:00 (Drobnjak)
(3) 10:10-11:25 (Okada) (4) 11:35-12:50 (Pasles)

209 WRITTEN COMMUNICATION (3) M. Lee, P. Raymond, M. Durant
(4 sections)
Practice in informative, analytical, and persuasive writing. Open only to students in Business Administration and Home Economics. Pre: 102 and sophomore literature, or equivalent.
Daily (1) 7:20-8:35 (Lee) (2) 8:45-10:00 (Raymond)
(3) 10:10-11:25 (Lee) (4) 11:35-12:50 (Durant)
210 TECHNICAL EXPOSITION (3)  
V. Kennedy, V. Hollingshead  
(3 sections)
Analysis of selected scientific prose; principles and practice of presenting technical information. Open to juniors and seniors in scientific fields.
Daily (1) 7:20-8:35 (Kennedy) (2) 8:45-10:00 (Hollingshead)
(3) 10:10-11:25 (Kennedy)

231 INTRODUCTION TO POETRY (3)  
B. Menikoff, E. Heine, D. Brown, M. Solomon  
(4 sections)
Written and oral analysis of imagery, sound, language and form and structure of poems, leading to increased awareness of the nature of poetry.
Daily (1) 7:20-8:35 (Menikoff) (2) 8:45-10:00 (Heine)
(3) 10:10-11:25 (Brown) (4) 11:35-12:50 (Solomon)

235 BACKGROUNDS OF WORLD LITERATURE (3)  
B. Kirtley
Most important sources of European literary themes and allusions, including the King James Bible and Western European myth and legend.
Daily 8:45-10:00

250 ENGLISH LITERARY HISTORY: BEGINNINGS TO 1798 (3)  
E. Heine
Readings in representative authors and works, with emphasis on history of ideas and development of literary forms.
Daily 11:35-12:50

320 INTRODUCTION TO LANGUAGE (3)  
E. Flynn  
(2 sections)
Examination of modern concepts of structure and use of language, with special reference to the English language.
Daily (1) 7:20-8:35 (2) 10:10-11:25

336 INTRODUCTION TO LITERARY PROBLEMS (3)  
C. Bouslog, D. Stempel, G. Simson  
(3 sections)
Critical evaluation of the genres of literature, of various modes of analysis, and of problems involved in literary perception.
Daily (1) 7:20-8:35 (Bouslog) (2) 8:45-10:00 (Stempel)
(3) 10:10-11:25 (Simson)

425 MODERN ENGLISH GRAMMAR (3)  
D. Brown
Survey of prestructural, structural, and generative-transformational descriptions of modern English grammar.
Daily 8:45-10:00

426 HISTORY OF THE ENGLISH LANGUAGE (3)  
L. Wellin
Introduction to the older stages of English and the processes by which Modern English has evolved from them. Course will consider such topics as: the ancestry of English; history of English sounds, inflections, and syntax; development of dialects; sources of the vocabulary and changes in meaning and usage the vocabulary has undergone.
Daily 11:35-12:50

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

444 MODERN DRAMATIC LITERATURE (3)  
H. Topham
European and American, O'Casey to Miller, 1920 on.
Daily 8:45-10:00

447 THE ENGLISH NOVEL TO 1832 (3)  
V. Hollingshead
Historical and critical study of development of English prose fiction during 18th and early 19th centuries with emphasis on rise of the realistic novel.
Daily 11:35-12:50
<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Instructor(s)</th>
<th>Description</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>455</td>
<td>16TH-CENTURY ENGLISH LITERATURE (3)</td>
<td>J. Lowers</td>
<td>Poetry and prose of the Tudor period, exclusive of the drama.</td>
<td>Daily 8:45-10:00</td>
</tr>
<tr>
<td>457</td>
<td>SHAKESPEARE (3)</td>
<td>L. Winters, T. Summersgill</td>
<td>(2 sections)</td>
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<td></td>
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<td></td>
<td>Shakespeare's plays from the beginning to “Hamlet.”</td>
<td>8:45-10:00 (Winters)</td>
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<td>10:10-11:25 (Summersgill)</td>
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<tr>
<td>458</td>
<td>SHAKESPEARE (3)</td>
<td>T. Fujimura</td>
<td>Shakespeare's plays from “Hamlet” through the last plays.</td>
<td>Daily 8:45-10:00</td>
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<tr>
<td>470</td>
<td>EARLY 18TH-CENTURY ENGLISH LITERATURE (3)</td>
<td>T. Fujimura</td>
<td>Poetry, prose (exclusive of the novel), and drama from 1700-1740, with emphasis on the works of Pope and Swift.</td>
<td>Daily 11:35-12:50</td>
</tr>
<tr>
<td>490</td>
<td>20TH-CENTURY BRITISH NOVEL (3)</td>
<td>B. Menikoff</td>
<td></td>
<td>Daily 10:10-11:35</td>
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<tr>
<td>571</td>
<td>AMERICAN LITERATURE (3)</td>
<td>T. Martin</td>
<td>Survey of American literature from the beginning to the Civil War.</td>
<td>Daily 11:35-12:50</td>
</tr>
<tr>
<td>572</td>
<td>AMERICAN LITERATURE (3)</td>
<td>S. Feldman</td>
<td>Survey of American literature from the Civil War to the present.</td>
<td>Daily 7:20-8:35</td>
</tr>
<tr>
<td>573</td>
<td>STUDIES IN AMERICAN LITERATURE (3)</td>
<td>T. Martin</td>
<td>Studies in depth of Poe, Hawthorne, and Melville.</td>
<td>Daily 8:45-10:00</td>
</tr>
<tr>
<td>585</td>
<td>LITERATURE OF THE PACIFIC (3)</td>
<td>B. Kirtley</td>
<td>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, Nordhoff and Hall.</td>
<td>Daily 11:35-12:50</td>
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<tr>
<td>590</td>
<td>20TH-CENTURY AMERICAN NOVEL (3)</td>
<td>C. Boullog</td>
<td></td>
<td>Daily 10:10-11:25</td>
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<tr>
<td>637</td>
<td>HISTORY OF LITERARY CRITICISM (3)</td>
<td>W. Sutton</td>
<td>Chief theories of modern literary criticism, with readings (in English).</td>
<td>Daily 8:45-10:00</td>
</tr>
<tr>
<td>667</td>
<td>SEMINAR IN SHAKESPEARE (3)</td>
<td>A. Levitan</td>
<td>Intensive study of Shakespeare. Pre: consent of instructor.</td>
<td>MWF 10:10-12:15</td>
</tr>
<tr>
<td>685</td>
<td>SEMINAR IN ENGLISH LITERATURE: T. Hardy (3)</td>
<td>D. Stempel</td>
<td>Pre: consent of instructor.</td>
<td>MWF 11:35-1:40</td>
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<tr>
<td>780</td>
<td>SEMINAR IN AMERICAN LITERATURE: W. C. Williams &amp; E. Pound (3)</td>
<td>W. Sutton</td>
<td>Pre: consent of instructor.</td>
<td>MWTh 10:10-12:15</td>
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</tbody>
</table>
English Language Institute (ELI)
(All ELI courses meet M-F, 10 weeks, June 17-August 23)

51 ORAL ENGLISH FOR FOREIGN STUDENTS (0)

Intensive practice to develop facility in speaking and understanding conversational English. Equals 3 credits. (Register for one class section plus one laboratory section.)

Daily:
1. 7:30-8:20 Laboratory: Daily (A) 10:10-10:40
2. 8:30-9:20 (B) 11:30-12:00
3. 9:30-10:20 (must take Lab B)
4. 1:30-2:20

52 INTERMEDIATE ORAL ENGLISH FOR FOREIGN STUDENTS (0)

Further practice in spoken fluency and accurate aural comprehension. Equals 3 credits. (Register for one class section plus one laboratory section.)

Daily:
1. 7:30-8:20 Laboratory: Daily (A) 10:15-11:20
2. 8:30-9:20 (B) 12:10-12:40
3. 9:30-10:20 (C) 12:50-1:20
4. 10:30-11:20 (Lab B or C)
5. 11:30-12:20 (Lab A or C)
6. 12:30-1:20 (Lab A)
7. 1:30-2:20

53 ADVANCED ORAL ENGLISH FOR FOREIGN STUDENTS (0)

Advanced instruction, with emphasis on comprehension of unmodified streams of speech and extended oral discourse. Equals 2 credits.

Daily:
1. 7:30-8:20
2. 8:30-9:20
3. 9:30-10:20
4. 10:30-11:20
5. 11:30-12:20
6. 12:30-1:20
7. 1:30-2:20

61 ENGLISH STRUCTURE FOR FOREIGN STUDENTS (0)

Intensive drill on the automatic recognition and production of English grammatical signals. Equals 1 credit.

Daily:
1. 9:30-10:20
2. 11:30-12:20

62 INTERMEDIATE ENGLISH STRUCTURE FOR FOREIGN STUDENTS (0)

Further drill on English grammatical patterns. Equals 1 credit.

Daily:
1. 8:30-9:20
2. 9:30-10:20
3. 10:30-11:20
4. 11:30-12:30
5. 2:30-3:20

71 READING PROGRAM FOR FOREIGN STUDENTS (0)

Instruction and practice in the development of improved reading comprehension and speed, and in effective use of textbooks and reference materials. Equals 2 credits.

Daily:
1. 8:30-9:20
2. 11:30-12:20

72 INTERMEDIATE READING PROGRAM FOR FOREIGN STUDENTS (0)

Further work on reading comprehension and speed, plus techniques of skimming and rapid review. Equals 2 credits.

Daily:
1. 8:30-9:20
2. 9:30-10:20
3. 11:30-12:20
4. 12:30-1:20
5. 1:30-2:20
81 WRITING PROGRAM FOR FOREIGN STUDENTS (0)  
Instruction and practice in factual reporting. Equals 2 credits.  
Daily (1) 7:30-8:20  (2) 10:30-11:20  (3) 12:30-1:20  
(4) 1:30-2:20  (5) 2:30-3:20  

82 INTERMEDIATE WRITING PROGRAM FOR FOREIGN STUDENTS (0)  
Instruction and practice in essay-type writing; gathering, classification, and documentation of facts. Equals 2 credits.  
Daily (1) 7:30-8:20  (2) 10:30-11:20  (3) 11:30-12:20  (4) 12:30-1:20  
(5) 1:30-2:20  (6) 2:30-3:20  

163 ADVANCED ENGLISH STRUCTURE FOR FOREIGN STUDENTS (2)  
Emphasis on control of complex spoken and written syntactical constructions.  
Daily (1) 7:30-8:20  (2) 8:30-9:20  (3) 9:30-10:20  (4) 11:30-12:20  
(5) 12:30-1:20  (6) 2:30-3:20  

183 ADVANCED WRITING PROGRAM FOR FOREIGN STUDENTS (2)  
Writing of critical reports and term papers; logical analysis, evaluation, and organization of facts.  
Daily (1) 8:30-9:20  (2) 10:30-11:20  (3) 12:30-1:20  (4) 1:30-2:20  

101 ELEMENTARY FRENCH (4)  
G. Chang, J. L. Dumont, H. Miller  
Intensive course in conversation, grammar, reading, writing. Two classes and two lab sessions required daily.  
Daily (1) 7:30-8:35  (2) 8:45-10:00 (Chang) plus laboratory  
(2) 9:10-10:00  (3) 10:10-11:25 (Dumont) plus laboratory  
(3) 11:10-12:25  (4) 12:35-1:25 (Miller) plus laboratory  

151 INTERMEDIATE FRENCH (3)  
S. Douyere, J. Fochtman  
Intensive course in conversation, grammar review, reading, composition. Pre: 102 or the equivalent. One class and two lab sessions required daily.  
Daily (1) 8:45-10:00 (Douyere) plus laboratory  
(2) 10:10-11:25 (Fochtman) plus laboratory  

205 PHONETICS AND PRONUNCIATION PRACTICE (2)  
H. Niedzielski  
Analysis of French phonological system. Practice and laboratory drill designed to improve the student's pronunciation. Pre: 101 or two years of high school French.  
Daily 10:10-11:00  

211 ADVANCED CONVERSATION AND COMPOSITION (3)  
J. L. Dumont  
Reading and discussions to develop insight into French literature and culture with major emphasis on strengthening facility with the language. Pre: 152.  
Daily 1:10-2:25  

360 FRENCH CIVILIZATION (3)  
M. Jonas  
Survey of the culture and institutions of modern France. Pre: 152. May be taken concurrently with 211.  
Daily 11:10-12:25
# General Science (Sci)

### 530 HISTORY OF SCIENCE (3)
**S. Becker**
Man's changing ideas concerning the universe reflected against the historical setting. Pre: one year of natural science.
Daily 7:20-8:35

# Geography (Geog)

A 100 level course, or consent of the instructor, is prerequisite to all courses numbered over 401.

### 101 ELEMENTS OF PHYSICAL GEOGRAPHY (3)
**A. Kuchler**
Survey of man's natural environment; distribution and interrelationships of climates, vegetation, soils, and landforms. Laboratory problems in map interpretation.
Daily 7:45-8:35 Laboratory (1) MW 1:10-4:00 (2) TTh 1:10-4:00

### 102 WORLD REGIONAL GEOGRAPHY (3)
**D. Dwyer**
Geography of the world's major cultural regions; emphasis on geographic aspects of contemporary economic, social, and political conditions.
Daily 8:45-10:00

### 151 ECONOMIC GEOGRAPHY (3)
**L. Robinson**
Man's use of the earth; world patterns of natural resources, population, economic activity, and development; elements of location theory, problems of resource management.
Daily 11:35-12:50

### 360 POLITICAL GEOGRAPHY (3)
**N. Bowers**
Geographic background of international politics and national power. Case studies of problem areas and boundary problems.
Daily 1:10-2:25

### 410 PHYSICAL GEOGRAPHY (3)
**A. Kuchler**
Daily 10:10-11:25

### 430 CARTOGRAPHY (3), (2L, 1Lb)
**J. Williams**
Principles of cartography, including map scales, grid systems, map projection, compilation, symbolism, map reproduction. Laboratory practice with cartographic equipment; techniques of quantitative mapping and terrain presentation.
Lectures MWF 1:10-2:25 Lab. TTh 1:10-4:00

### 480 CULTURAL GEOGRAPHY (3)
**J. Clarkson**
The spatial interaction of cultural elements with special reference to ecological systems.
Daily 10:10-11:25

### 490 GEOGRAPHY OF EXPLORATION (3)
**C. Manchester, Jr.**
Exploration, discovery, and the development of the world map from classical times to the present. Emphasis on Asia and the Pacific.
Daily 11:35-12:50

### 501 GEOGRAPHY OF THE UNITED STATES AND CANADA (3)
**L. Robinson**
Emphasis on the evolution of present patterns of settlement and economic activity.
Daily 8:45-10:00

### 552 GEOGRAPHY OF JAPAN (3)
**C. Manchester, Jr.**
Regional synthesis of the physical and cultural features which characterize the economic, social, and political geography of Japan. Emphasis on the origin of these patterns.
Daily 8:45-10:00
555 GEOGRAPHY OF SOUTH ASIA (3)  N. Bowers
Physical and human-use regions of India, Pakistan, Ceylon, and the Himalayan kingdoms. Geographic factors in the history, politics, and economics of the area. Daily 10:10-11:25

556 GEOGRAPHY OF SOUTHEAST ASIA (3)  D. Dwyer
Analysis of the peoples and natural resources of mainland and island Southeast Asia. Daily 11:35-12:50

601 HISTORY OF GEOGRAPHIC THOUGHT (3)  J. Clarkson
Development of geographic thought from early Greece to the present. Emphasis on the origin of current trends and relations to contemporary thought in the natural and social sciences. Hrs. arr.

665 SEMINAR IN GEOGRAPHY OF THE PACIFIC (3)  R. Crocombe
Land tenure problems in the Pacific. Pre: consent of instructor. Hrs. arr.

Geosciences (Geosc)

200 GEOLOGY OF THE HAWAIIAN ISLANDS (4)  A. Abbott
Survey of Hawaiian volcanism, rock types, land forms, coastal areas, ground water supply. Oahu field trips on Friday required; neighbor island trips optional and by special arrangement only. Lecture: MTWTh 8:45-10:00 Field Trip: F 8:00-2:00

669 DIRECTED RESEARCH (var.)  Staff
Hrs. arr.

German (Ger)

101 ELEMENTARY GERMAN (4)
(2 sections)
Intensive course in conversation, grammar, reading, writing. Two classes and two lab sessions required daily. Daily (1) 7:45-8:35; 8:45-10:00 plus laboratory (2) 11:10-12:25; 12:35-1:25 plus laboratory

102 ELEMENTARY GERMAN (4)
Continuation of 101. Two classes and two lab sessions required daily. Daily 7:20-8:35; 11:35-12:50 plus laboratory

108 GERMAN FOR READING PROFICIENCY (3)  Staff
Designed to teach the student to read scholarly and technical German. Primarily for graduate students, but open to undergraduates with consent of chairman of department. Daily 8:45-10:00

151 INTERMEDIATE GERMAN (3)
Intensive course in conversation, grammar review, reading, composition. Pre: 102 or the equivalent. Language lab practice required daily. Daily 7:20-8:35 plus laboratory

152 INTERMEDIATE GERMAN (3)
Continuation of 151. Language lab practice required daily. Daily 8:45-10:00 plus laboratory
421 NATURALISM THROUGH NEO-ROMANTICISM (3)  
Origins of German Naturalism and Transition into Neo-Romanticism as exemplified in works of Gerhard Hauptmann and others. Pre: 301-302 or equivalent.  
Daily 11:10-12:25

Hawaiian (Haw)

101 ELEMENTARY HAWAIIAN (3)  
(2 sections)  
Elements of the language; emphasis on conversation with some attention to Hawaiian songs; language lab practice required daily.  
Daily (1) 11:35-12:50 plus laboratory  
(2) 11:35-12:50 plus laboratory

151 INTERMEDIATE HAWAIIAN (3)  
Reading of legends and traditional materials. Conversation with laboratory drill conducted in Hawaiian.  
Daily 10:10-11:25 plus laboratory

Hindi (Hindi)

101 ELEMENTARY HINDI (3)  
J. Baumer  
Conversation. Language lab practice required daily.  
Daily 10:10-11:25 plus laboratory

151 INTERMEDIATE HINDI (3)  
J. Baumer  
Continuation of 102. Reading and conversation. Language lab practice required daily.  
Daily 1:10-2:25 plus laboratory

History (Hist)

151 WORLD CIVILIZATION (3)  
Ferguson, Saville  
(2 sections)  
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 17th C.  
Daily (1) 8:45-10:00 (Ferguson)  
(2) 10:10-11:25 (Saville)

152 WORLD CIVILIZATION (3)  
Ferguson  
Continuation of the history of world civilization from the 17th C. to the present day.  
Daily 11:35-12:50

181 INTRODUCTION TO AMERICAN HISTORY (3)  
Hunter  
Interpretive survey of United States history from the earliest settlements to 1877.  
Daily 11:35-12:50

402 ROMAN CIVILIZATION (3)  
Maurer  
History, art, and culture of Rome.  
Daily 7:20-8:35

405 MEDIEVAL EUROPE, 300-1000 (2)  
Ernest  
Cultural, social, economic, and political changes in the development of the European community. Early Middle Ages.  
Daily 7:45-8:35
406 MEDIEVAL EUROPE, 1000-1300 (2) Ernst
   Cultural, social, economic, and political changes in the development of the European community. High Middle Ages.
   Daily 10:10-11:00

425 EUROPE IN THE 19TH CENTURY (3) Hurwitz
   Major political, social, economic, and intellectual trends in the evolution of Europe from Napoleon to the end of World War I.
   Daily 7:20-8:35

444 HISTORY OF GERMANY (3) Latour
   Survey of the history of Germany in the modern period.
   Daily 8:45-10:00

456 EUROPEAN INTELLECTUAL HISTORY (3) Latour
   Study of the main currents of Western thought during the 19th and 20th centuries.
   Daily 11:35-12:50

461 COLONIAL AMERICA TO 1790 (3) Cawing
   Expansion of Europe into the Western Hemisphere; establishment of American independence and the constitution.
   Daily 7:20-8:35

463 THE AGE OF INDUSTRY: U.S. HISTORY 1877-1920 (3) Saloutos
   Detailed political, economic, and social survey of the history of the American people, 1877 to 1920.
   Daily 8:45-10:00

481 AMERICAN THOUGHT AND CULTURE (3) Rapson
   Advanced course in American social customs, institutions, and intellectual pursuits.
   Daily 8:45-10:00

531 HISTORY OF CHINA TO 1800 (3) Kwok
   Course of Chinese civilization from the earliest times.
   Daily 7:20-8:35

541 HISTORY OF JAPAN (2) Mammitzsch
   Historical survey of Japanese culture, government, economics, institutions.
   Daily 1:10-2:25

551 HISTORY OF SOUTH ASIA, UNTIL 1000 A.D. (3) Naldis
   General historical survey from earliest times until 1000 A.D.
   Daily 10:10-11:25

571 HISTORY OF OCEANIA (3) Murphy
   European impact and native response in the major groups from exploration to exploitation to trusteeship. European or Pacific credit.
   Daily 8:45-10:00

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

611 SEMINAR IN EUROPEAN HISTORY (3) Saville
   Section 4—Selected problems for reading and research; alternating emphasis on medieval, modern, and British fields.
   Hrs. arr.

635 THE COLONIAL PERIOD IN AMERICAN HISTORY (3) Cowing
   Reading and research seminar in political, social, and intellectual history.
   Hrs. arr.
637 THE PROGRESSIVE PERIOD IN AMERICAN HISTORY (3) 
Margulies
Research in problems relating to the rise, character, and decline of the Progressive Movement, 1872 to 1924.
Hrs. arr.

640 SEMINAR IN AMERICAN SOCIAL & INTELLECTUAL HISTORY (3) 
Rapson
Selected problems and reading in the history of American thought and culture. Special attention to the uses and limitations of the behavioral sciences in historical investigation.
Hrs. arr.

659 CHINESE INTELLECTUAL HISTORY (3) 
Kwok
Intensive study in selected phases of the history of Chinese thought and institutions. Pre: 531-532 or equivalent with consent of instructor. Knowledge of Chinese is preferred but not required.
Hrs. arr.

661 SEMINAR IN CHINESE HISTORY (3) 
Lamley
Problems and reading in the political, social and cultural history of China.
Hrs. arr.

663 SEMINAR IN INDIAN HISTORY (3) 
Naidis
Selected problems and readings in history of India.
Hrs. arr.

711 SEMINAR IN HISTORICAL METHOD (3) 
Rapson
Training in the evaluation of sources and the preparation of theses.
Hrs. arr.

731 ADVANCED PROBLEMS AND READING IN AMERICAN HISTORY (3) 
Saloutos
Interpretations and literature of important problems of American history.
Hrs. arr.

Home Economics (HE)

210 INSTITUTE ON FOODS OF THE PACIFIC (3) 
Ching, Chee
Designed to acquaint the student with food habits, customs, and cookery of nations bordering the Pacific. Chinese, Filipino, Hawaiian, Japanese and Korean foods will be prepared and served. One lecture period and two laboratory periods weekly. Pre: home economics course in foods, or previous experience in food preparation. Open to men and women upper division or graduate students.
Laboratory fee: $20.00 Laboratory (1) WF 7:30-9:50
Lecture: M 10:10-12:30
(2) TTh 10:10-12:30
(3) WF 10:10-12:30

410 HUMAN NUTRITION (3) 
Davis
Biochemistry and physiology of nutrition; fundamental concepts of human nutrition. Pre: senior standing or university graduation in home economics or a biological science.
Daily 8:45-11:25
June 17-July 6

418 COSTUMES OF ASIA (3) 
Umbel
Historical development and characteristic features of traditional and folk costumes and fabrics of China, Japan, Korea, Philippines, India, and Southeast Asia in relation to customs and culture. Impact of Western influence on contemporary costumes. Slides, pictures, costumes, guest lecturers, and exhibits.
Daily 1:30-2:45

399 DIRECTED READING AND RESEARCH (arr.)

531 PRACTICUM IN SCHOOL HEALTH EDUCATION: FAMILY LIFE AND SEX EDUCATION (3) 
Richardson
(Also as HPE 531)
A practicum intended for teachers to upgrade subject matter in health education: family life and sex education. Prerequisite: teaching experience and consent of instructor. Daily (1) 8:45-10:00 (2) 10:10-11:25

699 DIRECTED READING AND RESEARCH (arr.)

Indonesian (Ind)

111 INTENSIVE ELEMENTARY INDONESIAN (6) G. DeKoeer
Intensive course equivalent to Elementary Indonesian in academic year. Includes all four skills: listening, speaking, reading, and writing. In addition to 25 hours a week of class work for 6 weeks, two periods of laboratory drill daily required. Daily 7:30-10:00; 1:10-3:40 plus laboratory

112 INTENSIVE INTERMEDIATE INDONESIAN (6)
Intensive course equivalent to Intermediate Indonesian in 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 required. Daily 7:30-10:00; 1:10-3:40 plus laboratory

Japanese (Jap)

101 ELEMENTARY JAPANESE (3)
(2 sections)
Development of four skills: listening, speaking, reading, and writing. Structural points introduced inductively. Language lab practice required daily. Daily (1) 10:10-12:50 plus laboratory (2) 10:10-12:50 plus laboratory

111 INTENSIVE ELEMENTARY JAPANESE (6)
(2 sections)
Intensive course equivalent to Elementary Japanese in academic year. Includes all four skills: listening, speaking, reading, and writing. In addition to 25 hours of class work for 6 weeks, two periods of laboratory drill daily required. Pre: consent of instructor. Daily (1) 7:30-10:00; 1:10-3:40 plus laboratory (2) 7:30-10:00; 1:10-3:40 plus laboratory

111 INTERMEDIATE JAPANESE (4)
(3 sections)
Continuation of 101-102. Language lab practice required daily. Daily (1) 10:10-12:50 plus laboratory (2) 10:10-12:50 plus laboratory (3) 10:10-12:50 plus laboratory

211 THIRD-LEVEL JAPANESE (3)
(2 sections)
Study of modern spoken and written Japanese involving advanced structures, expressions, patterns, and “kyooiku kanji.” Pre: 162 or equivalent. Daily (1) 11:35-12:50 plus laboratory (2) 11:35-12:50 plus laboratory

227 ACCELERATED THIRD-LEVEL JAPANESE (6)
Study of modern spoken and written Japanese involving advanced structures, expressions, patterns, and “kyooiku kanji.” Pre: 162 or equivalent and consent of instructor. Daily 10:10-11:25; 11:35-12:50 plus laboratory

407 STRUCTURE OF JAPANESE (3) B. Hoffer
Phonology, morphology, syntax of modern colloquial grammar. Pre: 162 or equivalent. Daily 10:10-11:25
417 FOURTH-LEVEL JAPANESE (3)
Study of modern spoken and written Japanese involving complicated structures, expressions, patterns, and "tooyoo kanji." Pre: 212.
Daily 11:35-12:50 plus laboratory

631 HISTORY OF THE JAPANESE LANGUAGE (3) R. Miller
Study of change and growth of the Japanese language from ancient to modern periods.
Pre: 408 or equivalent.
Daily 2:35-3:50

750 RESEARCH SEMINAR IN JAPANESE (3) R. Miller
Pre: consent of instructor.
Daily 1:10-2:25

Korean (Kor)

111 INTENSIVE ELEMENTARY KOREAN (6)
Intensive course equivalent to Elementary Korean in academic year. Includes all four skills: listening, speaking, reading, and writing. In addition to 25 hours a week of class work for 6 weeks, two periods of laboratory drill daily required.
Daily 7:30-10:00; 1:10-3:40 plus laboratory

112 INTENSIVE INTERMEDIATE KOREAN (6)
Intensive course equivalent to Intermediate Korean in academic year. Includes all four skills: listening, speaking, reading, and writing. In addition to 25 hours a week of class work for 6 weeks, two periods of laboratory drill daily required.
Daily 7:30-10:00; 1:10-3:40 plus laboratory

Law (Law)

500 CONSTITUTIONAL LAW, CIVIL RIGHTS, AND CIVIL LIBERTIES (3) Mizuha
Principal areas to be covered are freedom of speech and press; freedom of religion and separation of church and state doctrine; constitutional restrictions on criminal procedure and punishment; freedom from discrimination on grounds of race, religion, or nationality; Civil Rights Acts of 1964 and 1965; other basic civil liberties.
Daily 1:10-2:25

Library Studies (LS)

601 BIBLIOGRAPHY AND REFERENCE SOURCES (3) H. Sharp
Analysis of the means by which availability and content of graphic materials are recorded; characteristics and problems of national and subject bibliography, and 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.
Daily 7:45-9:00 1:00-2:15
June 17-July 5

602 ADVANCED REFERENCE SOURCES (3) J. Wright
Continued discussion of various types of general reference tools. Introduction to subject approach in reference work through three major areas: sciences, social sciences, humanities. Each area analyzed in terms of characteristics of the literature and of typical problems and methods of reference work; major works in each area studied as examples.
Pre: 601.
Daily 9:15-10:30 2:30-3:45
July 8-July 26

805 BASIC CATALOGING AND CLASSIFICATION (3) A. Kamida
Designed as an introduction to cataloging in the research or large general library and as a terminal course in cataloging for the school or small popular library. Covers principles and
practice of descriptive cataloging, structure and application of Dewey Decimal Classification and Sears' List of Subject Headings, and use of printed cards.

**Daily 7:45-9:00 1:00-2:15**

**June 17-July 5**

**610 SOCIAL FUNCTIONS OF LIBRARIES (3)**

S. West

Introduction to librarianship. 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.

**Daily 7:45-9:00 1:00-2:15**

**July 8-July 26**

**615 BUILDING LIBRARY COLLECTIONS (3)**

D. McNeil

Criteria for evaluating and selecting library materials, devising and maintaining an acquisition program, and structure of book trade. Findings of studies of library use are drawn upon where applicable. Pre: 601.

**Daily 10:45-12:00 4:00-5:15**

**June 17-July 5**

**647 MANAGEMENT OF LIBRARY OPERATIONS (3)**

M. Andrews

Study of philosophies and techniques of scientific management and their application to library operations such as circulation, acquisition, and cataloging routines. Provides foundation in 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.

**Daily 9:15-10:30 2:30-3:45**

**June 17-July 5**

**650 ADMINISTRATION OF LIBRARIES (3)**

W. Tsunashiki

Organization and human factors which make for effective library service. Covers governmental relations, policy making, structure of jobs and departments, communication and co-ordination, staffing, financing, and housing. Case studies used for instructional purposes.

**Daily 9:15-10:30 2:30-3:45**

**July 8-July 26**

**664 ABSTRACTING AND INDEXING FOR INFORMATION SERVICES (3)**

H. Sharp

Principles, practices, and development of abstracting and indexing services. Integration of these into the complex of special library operations, with emphasis upon current awareness and retrospective searching needs of clientele. Analysis of various types of abstracts, their organization and use, and develops skill in preparation of abstracts and indexes.

**Daily 7:45-9:00 1:00-2:15**

**July 29-August 16**

**678 READER SERVICES (3)**

I. Harris

Introduction to major forms of library services to the reader as developed in libraries of all types. Emphasis on study of the community served as a basis for the program of reader services. Wide reading, class lectures and discussion, student projects, and opportunity to observe service provided in public, school, college, and special libraries in the area.

**Daily 7:45-9:00 1:00-2:15**

**July 8-July 26**

**681 READING MATERIALS FOR CHILDREN (3)**

R. DeAngelo

Historical background of children's literature. Selection aids, criteria for evaluating, and evaluation of contemporary children's books and recordings on bases of development needs of children through the sixth grade. Opportunity to develop skills in storytelling.

**Daily 9:15-10:30 2:30-3:45**

**June 17-July 5**

**682 READING MATERIALS FOR YOUTH (3)**

V. Coughlin

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 young people with
attention to materials for exceptional readers. Methods of stimulating reading such as
Daily 10:45-12:00 4:00-5:15
July 29-August 16

683 SERVICE FOR CHILDREN AND YOUNG PEOPLE (3) V. Coughlin
Organization and provision of services from preschool through young adult years, con-
sidering both school and public libraries. Special attention to preparation of lessons in use
of books and libraries. Pre: 615.
Daily 10:45-12:00 4:00-5:15
July 8-July 26

701 ADMINISTRATION OF LIBRARIES IN ASIA (3) R. Nunn
Governmental and fiscal policies and programs, personnel administration, policy making,
buildings and equipment for libraries in Asian countries.
Daily 10:45-12:00 4:00-5:15
July 8-July 26

705 ASIAN REFERENCE SOURCES (3) R. Nunn
Bibliographical and reference tools and services in Asian countries with special attention
to source materials in non-Western languages.
Daily 10:45-12:00 4:00-5:15
June 17-July 5

706 TECHNICAL SERVICES FOR FAR EASTERN COLLECTIONS (3) W. Tsuneishi
Principles and practices of acquiring and organizing Far Eastern Oriental collections.
Special attention given to book trade and to special problems of cataloging and classifying
Daily 9:15-10:30 2:30-3:45
July 29-August 16

Linguistics (Ling)

202 GENERAL LINGUISTICS (3) Hayasaka
Nature and workings of language: its role in culture and history.
Daily 8:45-10:00

750 SEMINAR (3) Howard
Reporting and discussion of current research in linguistics.
Daily 10:10-11:25

Mathematics (Math)

100 SURVEY OF MATHEMATICS (3)
(4 sections)
To acquaint the non-specialist with the position of mathematics in modern culture. Open
to freshmen and sophomores who have not earned credit in 134 or above.
Daily (1) 7:20-8:35 (2) 8:45-10:00 (3) 10:10-11:25 (4) 11:35-12:50

111 INTRODUCTION TO MATHEMATICS (3)
(2 sections)
Study of structure and concepts of arithmetic. Primarily for Education Majors.
Daily (1) 7:20-8:35 (2) 8:45-10:00

231 MULTI-VARIABLE CALCULUS (3)
(2 sections)
Vector-oriented study of functions of several variables; elements of linear algebra, line and
surface integrals, divergence and curl. Pre: 136.
Daily (1) 7:20-8:35 (2) 10:10-11:25
232 ORDINARY DIFFERENTIAL EQUATIONS (3)
(2 sections)
First order equations; linear equations with constant coefficients; systems of equations, Laplace transforms; applications. Pre: 231.
Daily (1) 7:20-8:35 (2) 8:45-10:00

471 PROBABILITY (3)
Daily 8:45-10:00

TEN WEEKS June 17–August 23

134 PRE-CALCULUS MATHEMATICS (4)
(12 sections)
Algebraic operations as applied to elementary functions and equations; graphs, trigonometric functions; lines and conics. Pre: two years of high school algebra and one year of plane geometry or consent of department.

135 CALCULUS I (4)
(3 sections)
Basic concepts, techniques of differentiation and integration of algebraic and trigonometric functions with applications. Pre: 134 or equivalent.
MWF (1) 7:20-8:35 Lab (1) M 7:20-10:00
(2) 8:45-10:00
(3) 10:10-11:25

136 CALCULUS II (4)
(2 sections)
Exponential, logarithmic and hyperbolic functions; techniques of integration; elements of three dimensional analytic geometry; multiple integration, infinite series; partial differentiation. Pre: 135 or equivalent.
MWF (1) 7:20-8:35 Lab T 7:20-10:00
(2) 8:45-10:00
(3) 10:10-11:25

311 LINEAR ALGEBRA (3)
(2 sections)
MWF (1) 7:20-8:35 (2) 10:10-11:25

412 ABSTRACT ALGEBRA (3)
Introduction to basic algebraic structures including groups, rings, and fields. Pre: 311.
MWF 8:45-10:00

431 ADVANCED CALCULUS (3)
Topology of R^n, theorems on continuous functions, development of Riemann integral, sequences and series, uniform convergence, implicit function theorems, differentials and Jacobians. Pre: 232, 311.
MWF 7:20-8:35
432 ADVANCED CALCULUS (3)
Topology of $\mathbb{R}^n$, theorems on continuous functions, development of Riemann integral, sequences and series, uniform convergence, implicit function theorems, differentials and Jacobians. Pre: 232, 311.
MWF 8:45-10:00

Medical Technology (MT)

269 MEDICAL TECHNOLOGY (4) Wulff
Student technologist training in a cooperating hospital laboratory under supervision of a qualified director. Pre: consent of instructor.
Hrs. arr.

Microbiology (Micro)

130 MICROBES AND MAN (2) G. Chu
Microorganisms as they affect people and their possessions. Not open to those who have credit in 151.
Daily 7:45-8:35

629 IMMUNOCHEMISTRY (3) A. Nisonoff
Chemical, physical, and biological properties of antigens and antibodies; mechanisms of antigen-antibody reactions. Pre: general course in biochemistry; or consent of instructor; recommended 361, Chem 451, Math 135.
Daily 9:30-11:20
4 Weeks June 17-July 12

699 DIRECTED RESEARCH
Selected problems in microbiology. Pre: consent of instructor.
Hrs. arr.

Music (Mus)

140 RECREATIONAL MUSIC (2) R. Lum
Elementary music skills including instruction on ukulele. For recreation majors but open to others. Not open to those who have had 150.
Daily 9:00-10:00

150 ELEMENTARY MUSICIANSHIP (3) F. Uchima
Terminology, notation, sight singing, rhythmic and melodic dictation, and ukulele instruction. For prospective teachers. Not open to those who have had 140.
Daily 8:45-10:00

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

170 MUSIC IN WORLD CULTURE (3) W. Pfeiffer
Role of music in societies — ancient and modern, sophisticated and non-sophisticated, Western and non-Western, child and adult. Representative styles and regional characteristics.
Daily 10:10-11:25

400 UNIVERSITY CONCERT CHOIR (1) F. Uchima
Performance of a cappella literature and other major choral works including masses and cantatas. Pre: consent of instructor.
Daily 11:35-12:25

401(93) CHINESE DANCE (1) Delza
Daily 7:45-8:35
409 UNIVERSITY CONCERT BAND (1)  R. Lum
Performance of major band literature including works by contemporary composers. Pre:
audition or consent of instructor. Daily 10:10-11:00

450 MUSIC FOR ELEMENTARY TEACHERS (3)  N. McKay
Continuation of 150 with emphasis upon sight singing, melodic and rhythmic dictation,
and basic harmony. Pre: 150 or equivalent. Not open to music majors. Daily 11:35-12:50

461 SYMPHONIC MUSIC (2)  F. Herand
Historical study of symphony orchestra and its literature from Bach to present. Daily
10:10-11:00

464 TWENTIETH CENTURY MUSIC II (2)  N. McKay
Study of major styles and composers from Debussy to present. Pre: 160 or 181 or consent
of instructor. Daily 10:10-11:00

468 ELECTRONIC MUSIC (2)
Study of music literature involving sounds electronically produced or manipulated. Styles

477 CONTEMPORARY JAPANESE MUSIC (2)  Y. Irlno
Study of music literature and styles of contemporary Japanese composers. Pre: 160 or first
semester of first-year theory (181). Daily 9:10-10:00

557 POLYNESIAN MUSIC IN MUSIC EDUCATION (3)  D. Gillett
Study and performance of music and dances of Hawaii, New Zealand, Samoa, Tahiti,
Tonga. Development of curriculum materials for teachers of grades 1-6. Pre: 252 or 253 or
teaching experience. Daily 8:45-11:25 June 18-July 5

587 SYMPOSIUM IN MUSIC COMPOSITION (2)  Y. Irlno
Original composition with discussions of specific approaches to creative writing. Pre: one
year of undergraduate composition at junior or senior level; 487-488. Daily 1:35-2:25

600(5) SEMINAR (3)  N. Rian
Selected problems in music education. Pre: consent of instructor. May be repeated. Daily
11:35-12:50

Applied Music

121(11) CLASS VOICE (1)  R. Vine

121(79) CLASS KOTO (1)  K. Mikami

122 CLASS PIANO (1)  R. Pfeiffer
Class instruction in piano at beginning level. Practice facilities in Music Building. Daily
9:10-10:00

131 INDIVIDUAL INSTRUCTION (1)
For non-music or music majors. May be repeated. Course fee $55.00. Hrs. arr.

231, 435 **INDIVIDUAL INSTRUCTION** (1)
Voice, piano, dance, orchestral or Asian instruments. Non-music majors or majors at junior-senior level. May be repeated for credit. Course fee $55.00.
Hrs. arr.
(11), (21), (41), (42), (43), (44), (45), (51), (52), (53), (54), (55), (61), (71), (72), (79), (91), (94), (96).

**Oceanography (Ocean)**

201 **SCIENCE OF THE SEA** (3)  
J. Andrews  
Introduction to biological, geological, chemical, and physical aspects of oceanography. Based on classroom lectures and use of oceanographic equipment and techniques at sea aboard ship and in nearshore zone.  
Daily MTThF 10:10-11:25; Sat. 8:00-5:00 field expeditions

699 **DIRECTED RESEARCH** (arr.)  
Pre: consent of instructor.

800 **THESIS RESEARCH** (arr.)  
Pre: consent of adviser.

**Philosophy (Phil)**

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

200 **INTRODUCTION TO LOGIC** (3)  
Winnie  
Principles of modern deductive logic.  
Daily 10:10-11:25

415 **ETHICAL THEORY** (3)  
Stewart  
Comparative analysis of ethical theory in theological, legal, literary, scientific, social, as well as philosophical sources indicating the relevance of ethical theory to the process of decision making.  
Daily 8:45-10:00

420 **INDIAN PHILOSOPHY** (3)  
Narvani  
Philosophical systems and movements: Vedas, Upanishads, six systems of Hinduism, Charvaka, Jainism, Buddhism.  
Daily 8:45-10:00

422 **BUDDHIST PHILOSOPHY** (3)  
inada  
Survey of basic schools and tenets of Buddhist philosophy.  
Daily 10:10-11:25

424 **CHINESE PHILOSOPHY** (3)  
Cheng  
Historical survey of important philosophical schools and tendencies in China, ancient and modern.  
Daily 11:35-12:50

426 **ROMANTICISM** (3)  
Kaplan  
Romantic movement in philosophy and literature with special attention to Nietzsche, Schopenhauer, and Bergson.  
Daily 1:10-2:25
432 POLITICAL PHILOSOPHY (3) Stewart
Combined systematic and historical approach to major problems of Western political philosophy. Special attention given to European political theory.
Daily 11:35-12:50

510 PHILOSOPHY IN LITERATURE (3) McCarthy
Literary expression of philosophical ideas. Consideration of such writers as Beckett, Camus, Hemingway, Kafka, Rilke, Sartre, T. S. Eliot.
Daily 11:35-12:50

625 CONTEMPORARY INDIAN PHILOSOPHY (3) Narvanl
Analysis of recent philosophical movements and tendencies, and their significance in present day India.
Daily 11:35-12:50

635 INDIAN SOCIAL PHILOSOPHY (3) Saksena
Basic codes of Indian moral and social philosophy (Dharma-sastras) and their historical developments and their practical significance.
Daily 11:30-12:50

642 ZEN PHILOSOPHY (3) Chang
Origin and development of Zen; influence on Oriental cultural traditions and contemporary scene. Pre: 422; consent of instructor.
Daily 2:35-3:50

750 SEMINAR IN PHILOSOPHY OF SCIENCE (3) Winnie
Space, time, and relativity.
MW 2:30-5:00

Photography (Photo)

100 PRINCIPLES OF PHOTOGRAPHY (2) Haar
Designed primarily for those with very little photography experience. History and science of photography. Construction and use of camera; image formations; lenses, 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 required to have their own cameras.
MWF 1:00-2:15

200 EXPERIMENTAL PHOTOGRAPHY (2) Haar
Photography for advanced students. Camera as a tool of expression, photoaestheticism, perception, selection, composition; objective and subjective factors in forming 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

Physics (Phys)

160 COLLEGE PHYSICS (3 cr. L; 1 cr. Lb)
Fundamental principles, theories, experimental methods. Pre: Math 102 and credit or registration in Math 103.
Daily 10:10-11:25 Lab TTh 1:10-4:00

170 GENERAL PHYSICS I (3) I. Miyake
Mechanics of particles, rigid bodies, fluids; properties of matter; wave motion, sound. Pre: credit or registration in Math 136.
Daily 7:20-8:35
171 GENERAL PHYSICS LAB I (1)
Experiments in statics, dynamics, properties of matter, periodic motion, sound. Pre: credit or registration in 170.
MW 1:10-4:00

172 GENERAL PHYSICS II (3)
Fundamental laws of electricity and magnetism and their applications. Pre: 170, 171; credit or registration in Math 231.
Daily 7:20-8:35

173 GENERAL PHYSICS LAB II (1)
Experiments in heat, electricity, and magnetism. Pre: credit or registration in 172.
Th 1:10-4:00
S 8:45-11:50

174 GENERAL PHYSICS III (4)
Heat, light, and modern physics. Pre: 172 and 173, or 161; credit or registration in Math 231.
Daily 8:45-10:25

Physiology (Physl)

699 DIRECTED RESEARCH (arr.)
Hrs. arr.

800 THESIS RESEARCH (arr.)
Hrs. arr.

Political Science (PolSc)

110 INTRODUCTION TO POLITICAL SCIENCE (3)
Introduction to political problems, systems, ideologies, and processes.
Daily 8:45-10:00

210 AMERICAN GOVERNMENT CORE (3)
Organization and functioning of American political system.
Daily 8:45-10:00

215 TOPICS IN AMERICAN GOVERNMENT (3)
Topics may include American legislative process and American civil liberties, as pre-anounced.
Daily 10:10-11:25

300 POLITICAL THOUGHT CORE (3)
Consideration of major elements of political theory.
Daily 10:10-11:25

320 INTERNATIONAL RELATIONS CORE (3)
Integrated introduction to international relations and organization. (320 prerequisite for 321 unless waived by department.)
Daily 7:20-8:35

325 TOPICS IN INTERNATIONAL RELATIONS (3)
American policy in Viet Nam.
Daily 10:10-11:25
330 POLITICS CORE (3)  
Genesis, organization, expression, efficacy of political demands.  
Daily 11:35-12:50

335 TOPICS IN POLITICS (3)  
Topics may include campaigns and elections, propaganda and public opinion, and community politics, as pre-announced.  
Daily 10:10-11:25

345(1) TOPICS IN COMPARATIVE GOVERNMENT AND POLITICS (3)  
Topics may include Asian governments, other areas and regional problems, as pre-announced.  
Daily 8:45-10:00

345(2) TOPICS IN COMPARATIVE GOVERNMENT AND POLITICS (3)  
Topics may include Asian governments, other areas and regional problems, as pre-announced.  
Daily 10:10-11:25

355 TOPICS IN PUBLIC ADMINISTRATION (3)  
Topics may include problems of policy and techniques of implementation, as pre-announced.  
Daily 11:35-12:50

360 COURTS AND POLITICAL CORE (3)  
Integrated introduction to interrelationship between judicial process and political system.  
Daily 7:20-8:35

365 TOPICS IN COURTS AND POLITICS (3)  
Topics may include cases concerned with due process of law, interstate commerce, etc., and administrative law, as pre-announced.  
Daily 8:45-10:00

600 SCOPE AND METHODS OF POLITICAL SCIENCE (3)  
Main concepts delineating boundaries of discipline; approaches to knowledge employed by political scientists, including philosophical, legal, historical, comparative, behavioral. (Required for all degree students.)  
Daily 10:10-11:25

610 POLITICAL THOUGHT (3)  
Each semester a topical or chronological section on normative Western political thought; in addition, sections with geographical delimitation (as American, Asian, etc.) offered as staff conditions permit.  
Daily 11:35-12:50

631 INTERNATIONAL RELATIONS OF ASIA (3)  
Contemporary international politics of South and Southeast Asia.  
Daily 10:10-11:25

640 COMPARATIVE GOVERNMENT AND POLITICS (3)  
At least one section a semester, with focus of sections varying among East Asia, Southeast Asia, South Asia, Europe, and development politics. (Frequent offerings of Asian sections will be scheduled.)  
Daily 8:45-10:00

660 PUBLIC LAW AND JUDICIAL SYSTEMS (3)  
With special attention to Asian judicial systems.  
Daily 11:35-12:50
730 SEMINAR: INTERNATIONAL RELATIONS (3)  
J. Firestone  
Pre-announced problems of both international organization and politics; at least one section a semester. Pre: consent of instructor. Seminars may be repeated for credit.  
Daily 8:45-10:00  

Psychology (Psy)  

Psychology 100 or 111 or the equivalent is prerequisite to all other psychology courses listed below.  

100 SURVEY OF PSYCHOLOGY (3)  
H. Mansson, J. Townsend  
(2 sections)  
Principles of human behavior. Individual differences, motivation, emotion, perception, learning, etc. Not open to those who have had 111, intended for non-majors.  
Daily (1) 7:20-8:35 (Townsend)  
(2) 8:45-10:00 (Mansson)  

110 PSYCHOLOGY OF ADJUSTMENT (2)  
A. Arkoff  
A course in adjustment and mental health arranged for independent summer study. Resource is instructor’s book, *Adjustment and Mental Health*. Meets once weekly for examination (except first meeting) and discussion. No prerequisites, but not open to psychology majors. Further information available from instructor.  
Tuesdays 1:35-3:25  

111 INTRODUCTION TO THE SCIENCE OF PSYCHOLOGY (3)  
J. Carlson  
General study of behavior through application of the scientific method. Concurrent enrollment in 112 required.  
Daily 7:20-8:35  

112 INTRODUCTORY LABORATORY IN PSYCHOLOGY (3)  
J. Townsend  
Laboratory to accompany 111.  
Lecture: MW 8:45-10:00  
Laboratory:  
(1) MTWTh 10:10-12:15  
(2) MTWTh 12:30-2:35  

113 STATISTICAL TECHNIQUES (3)  
H. Ono  
Frequency distributions; graphic methods, central tendency; variability; correlation; reliability; tests of significance.  
Daily 7:20-8:35  

214 LEARNING AND MOTIVATION (3)  
R. Blanchard  
Major conditions influencing learning and forgetting; role of practice, reward, motivation, drive and emotion; theoretical interpretations of learning and motivation. Pre: 111, 112.  
Daily 10:10-11:25  

319 EXPERIMENTAL PSYCHOLOGY (3)  
R. Blanchard  
Original experiments with emphasis upon laboratory techniques. Control of variables, apparatus design, and statistics in research. Pre: 111, 112, 113.  
Daily 8:45-12:30  

320 DEVELOPMENTAL PSYCHOLOGY (3)  
B. Moos  
Emotional, mental, physical, social development from infancy to adulthood; interests and abilities at different age levels.  
Daily 7:20-8:35  

321 PSYCHOLOGY OF PERSONALITY (3)  
D. Byrne  
Scientific study of personality, its meaning, assessment, development, and relation to cultural-social determinants.  
Daily 8:45-10:00  

322 SOCIAL PSYCHOLOGY (3)  
D. Lewit  
Interpersonal relations; social attitudes; group dynamics; intergroup relations; class and cultural influences.  
Daily 10:10-11:25
424 ABNORMAL PSYCHOLOGY (3) T. Volsky
Nature and causes of psychoneuroses and psychoses; abnormalities of intelligence; psychotherapy.
Daily 7:20-8:35

425 PSYCHOLOGY TESTING (3) W. Griffitt
Rationale of test construction and validation; administration of tests; fundamentals of statistical test theory. Pre: 216.
Daily 8:45-10:00

428 SOCIAL DEVELOPMENT OF CHILDREN (3) B. Moely
Daily 8:45-10:00

430 COMPLEX HUMAN LEARNING (3) A. Staats
Application of principles of learning to complex human behavior: e.g., acquisition of reading skills, correction of deviant behavior. Pre: 100 or 111.
Daily 10:10-11:25

431 PSYCHOLOGICAL ASPECTS OF WAR AND PEACE (3) H. Mansson
Examination of social and personal factors involved in movements toward war and peace. Pre: 100 or equivalent.
Daily 11:35-12:50

432 INFANT BEHAVIOR (3) H. Groth
Behavior of newborn and young infant; sensory and learning capacities. Pre: 320 or equivalent.
Daily 11:35-12:50

600(3) SEMINAR: WORKSHOP IN MULTIVARIATE ANALYSIS (2) L. Tucker
Problems in multivariate analysis.
Daily 1:30-3:25
June 17-July 3

600(4) SEMINAR: EXPERIMENTAL (3) J. Hall
Problems in experimental psychology.
Daily 10:10-11:25

600(8) SEMINAR: PERSONALITY (3) D. Byrne
Structured measures of personality.
Daily 10:10-11:25

600(10) SEMINAR: CLINICAL (3) T. Volsky
Daily 10:10-11:25

682 PSYCHOLOGICAL APPRAISAL (A) (3) Leton
Introduction to clinical study of the individual; appraisal theory and practice; emphasis on individual intelligence tests. Pre: 216; consent of instructor.
Daily 8:45-10:00

730 RESEARCH IN EXPERIMENTAL PSYCHOLOGY (3) J. Hall
Supervised reading, discussion, and research projects in areas of special interest. Open only to second-year graduate students. May be repeated.
Hrs. arr.

750 RESEARCH IN DEVELOPMENTAL PSYCHOLOGY (5) S. Blijou
Supervised reading, discussion, and research projects in areas of special interest. Open only to second-year graduate students. May be repeated.
Hrs. arr.
Public Health (PH)

648 ADVANCED SEMINAR IN SPECIAL PUBLIC HEALTH EDUCATION PROBLEMS (2)  
J. Grossman  
Current research implications for educational activity in newly emerging fields of public health interest such as family planning, community mental health, accidental injury prevention, and home care. Content will vary with needs and interests of students and status of available literature. Pre: consent of instructor.  
Hrs. arr.

699 DIRECTED RESEARCH (arr.)  
Pre: consent of instructor.  

710 ADVANCED PUBLIC HEALTH PRACTICE (3)  
Open only to public health degree candidates.  
Hrs. arr.

711 SEMINAR IN PUBLIC HEALTH (2)  
E. R. Jenney  
Sec. (14) Population and Family Planning. Pre: consent of instructor.  
Hrs. arr.

800 THESIS RESEARCH (arr.)  

Religion (Rel)

151 MEANING OF EXISTENCE (3)  
Seifert, Douglass  
(2 sections)  
Introduction to basic ideas and issues of contemporary religious thought as related to the question: What is the meaning of existence?  
Daily (1) 7:20-8:35 (Douglass)  
(2) 8:45-10:00 (Seifert)

201 UNDERSTANDING THE NEW TESTAMENT (3)  
Seifert  
Daily 11:35-12:50

250 THE LIVING RELIGIONS OF HAWAII (2)  
Boblin  
Study of basic beliefs, practices, and contributions of religious forces most significant in Hawaii today, including Buddhism, Shinto, Confucianism, Taoism, Judaism, and Christianity.  
Daily 9:10-10:00

484 ASIAN RELIGIONS AND SOCIAL CHANGE (3)  
Boblin  
Study of the interrelationship of society, and religion in Asia. Emphasis on roles of traditional elites, heterodox religious movements, effects of modernization and secularization on religious organization, socio-religious movements in the developing countries.  
Daily 11:35-12:50

488 THEOLOGY OF PEACE (3)  
Douglass  
Study of nature of peace, revolution, and war, violence and non-violence, as these are revealed especially in contemporary history, from a theological perspective.  
Daily 10:10-11:25

Russian (Rus)

101 ELEMENTARY RUSSIAN (4)  
L. Keller  
Intensive course in conversation, grammar, reading, writing. Language lab practice required daily.  
Daily 7:45-8:35; 8:45-10:00 plus laboratory
151 INTERMEDIATE RUSSIAN (3)  
P. Rossbacher  
Intensive course in conversation, grammar review, reading, composition. Pre: 102 or equivalent. Language lab practice required daily.  
Daily 10:10-11:25 plus laboratory

Sanskrit (Sansk)

151 INTERMEDIATE SANSKRIT (3)  
W. Maurer  
Continuation of 102. Reading of classical texts, with a review of grammar.  
Daily 2:00-4:00

Social Sciences (SocSc)

300 MAN IN SOCIETY (3)  
Springel  
Some basic problems and processes of contemporary society, jointly examined by several social sciences. Pre: sophomore standing or consent of instructor.  
Daily 10:10-11:25

Sociology (Soc)

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.

151 INTRODUCTION TO THE STUDY OF SOCIETY (3)  
Swift  
Basic social relationships, norms, social structures, and processes affecting social change. Not open to juniors or seniors.  
Daily 8:45-10:00

201 PRINCIPLES OF SOCIOLOGY (3)  
(Labowitz, Sloan)

2 sections

Principles underlying 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 (1) 8:45-10:00 (Labowitz)  (2) 11:35-12:50 (Sloan)

258 RACE RELATIONS (3)  
Sloan  
Race relations in world perspective; typical situations; conflict and accommodation; caste; race prejudice; miscegenation; effects upon personality.  
Daily 8:45-10:00

264 SOCIAL INSTITUTIONS (2)  
Swift  
Culture as a conceptual tool; origin, structure, function, and growth of institutions; interrelation and integration.  
Daily 7:45-8:35

300 SOCIAL DISORGANIZATION (3)  
Schulze  
Factors in community, institution, and group disorganization; behavioral deviancy and social pathology. Integrated approach to social problems.  
Daily 11:35-12:50

324 PERSONALITY AND CULTURE (3)  
Schulze  
Origin and development of personality as the subjective aspect of culture; function of communication; human nature and mores; personal life organization.  
Daily 8:45-10:00

344 SOCIAL CHANGE (2)  
Labowitz  
Structural-functional organization; impact of technology on institutions, value orientation,
power structures, systems of roles, and stratification.
Daily 7:45-8:35

410 POPULATION AND SOCIETY (3) Tyree
Society analyzed in terms of quantitative and qualitative aspects of population. Sociological aspects of birth and death rates, natural increase, mobility.
Daily 10:10-11:25

436 URBAN COMMUNITY (3) Larson
Sociological principles as applied to the modern city. Structure, growth, social and personal life organization.
Daily 8:45-10:00

444 PEOPLE AND INSTITUTIONS OF CHINA (3) Cheng
Analysis of social philosophies and their influence on basic institutions and traits of the people; impact of Western civilization and communism; social change under the People's Democratic Dictatorship.
Daily 11:35-12:50

472 THE FAMILY (3) Cheng
Culturally distinctive family types as background for analysis and interpretation of the American family.
Daily 8:45-10:00

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

504 JUVENILE DELINQUENCY (3) Rothstein
Nature and extent of juvenile delinquency; theories and research; sociology of correction.
Daily 10:10-11:25

580 SOCIOLOGICAL THEORY (3) Larson
History of sociology as reflected in writings ranging from early Greek thought to modern authors such as Durkheim, Pareto, Simmel, Parsons, Merton.
Daily 11:35-12:50

613 CONCEPTS AND PROPOSITIONS IN SOCIOLOGY (3) Gouldner
Survey of major propositions in modern sociology. Sociological concepts such as primary group, social role, and social class will be related to these propositions and their place in sociological theory and research will be discussed. Pre: consent of instructor.
TTh 1:00-4:10

722 SEMINAR IN MINORITY RELATIONS (2) Rothstein
Major theoretical developments and research problems in fields of race relations and minority relations. Pre: consent of instructor.
MW 1:10-3:15

Spanish (Span)

101 ELEMENTARY SPANISH (4) S. Baciu, Y. Montes, D. McKay
(3 sections)
Intensive beginning course, primarily emphasizing oral practice. Two classes and two lab sessions required daily.
Daily (1) 7:45-8:35; 8:45-10:00 (Baciu) plus laboratory
(2) 9:10-10:00; 10:10-11:25 (Y. Montes) plus laboratory
(3) 11:35-12:25; 12:35-1:50 (McKay) plus laboratory
151 INTERMEDIATE SPANISH (3)  Bente
(2 sections)
Continuation of oral practice, with increasing emphasis on reading and written composition. One class and two lab sessions required daily.
Daily (1) 7:20-8:35 plus laboratory
(2) 10:10-11:25 (Bente) plus laboratory

203 ADVANCED GRAMMAR AND COMPOSITION (3)  M. Montes
More detailed study of problem areas of Spanish grammar. Cultivation of accuracy and elegance.
Daily 7:20-8:35

230 PHONETICS AND PRONUNCIATION PRACTICE (2)  J. Holton
Analysis of Spanish phonological system, in contrast with English. Practice designed to perfect student's own pronunciation. Language lab practice required daily.
Daily 10:10-11:00 plus laboratory

300 ORAL SPANISH FOR TEACHERS (3)  Stanislawczyk
Intensive oral practice designed to improve pronunciation and to increase oral fluency, breadth of vocabulary and accuracy of grammatical usage. Pre: consent of instructor.
Daily 11:35-12:50

688 SEMINAR IN HISPANIC LITERATURE (3)  S. Baciu
Study of a period, author, genre or region. Pre: consent of instructor. May be repeated.
Daily 11:35-12:50

Speech (Sp)

110 INTRODUCTION TO GENERAL AMERICAN PHONOLOGY (2)  P. Wright
Introduction to phonology of general American speech, articulatory, rhythmic, and melodic differences between general American and Hawaii's sub-standard dialect. Conferences required.
Daily 10:10-11:00

145 EXPOSITORY AND PERSUASIVE SPEAKING (3)
(8 sections)
Practice in systematic analysis of expository and persuasive ideas with instruction in their preparation for public discourse. Pre: permission from Speech Communication Center.
Daily (1) 7:20-8:35 (D. Ellis) (2) 8:45-10:00 (D. Ellis) (3) 8:45-10:00 (Staff) (4) 8:45-10:00 (P. Wright)

210 PHONETICS (2) (For foreign students only)  Staff
Phonology of American English; standards of pronunciation; dialects. Hrs. arr.

214 VOICE TRAINING FOR SPEECH (2)  G. Richards
Improvement of skills in voice emphasizing control of projection, clarity, and flexibility.
Daily 9:10-10:00

230 READING ALOUD (3)  R. Dillard
(2 sections)
Principles of interpretative reading. Practice in textual analysis and in transmitting intellectual and aesthetic content of literature.
Daily (1) 10:10-11:25 (2) 11:35-12:50

250 PUBLIC SPEAKING (3)  J. Owen
Principles of oral composition and delivery with attention to texts of British and American speeches. Pre: sophomore standing.
Daily 10:10-11:25
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor(s)</th>
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<tbody>
<tr>
<td>335</td>
<td>STORYTELLING (2)</td>
<td>L. Breneman</td>
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<td></td>
<td>Oral story as device for entertainment and education. Oral tradition; analysis of story types; techniques of preparation and presentation; performance.</td>
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<td>Daily 11:35-12:25</td>
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<tr>
<td>350</td>
<td>PERSUASION (3)</td>
<td>L. Ekroth</td>
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<td>Factors influencing audience attitudes, beliefs, actions; logical, psychological, and semantic approaches to preparation and analysis of persuasive discourse.</td>
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<td>Daily 11:35-12:50</td>
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<tr>
<td>365</td>
<td>SPEECH FOR THE CLASSROOM TEACHER (3)</td>
<td>B. Byers, G. Anderson</td>
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<td>Pedagogy for classroom teacher; integration of speech improvement in the curriculum; speech problems of Hawaii. Pre. (for elementary section): 110.</td>
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<td>Daily (1) Elementary 8:45-10:00 (Byers)</td>
<td>(2) Secondary 10:10-11:25 (Anderson)</td>
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<tr>
<td>440</td>
<td>SEMANTICS (3)</td>
<td>B. Byers</td>
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<td>Understanding language; verbal meaning and implication; roles of perception and assumption (inference and judgment) in human relationships.</td>
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<td>Daily 10:10-11:25</td>
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<td>465</td>
<td>ORGANIZATION AND ADMINISTRATION OF HIGH SCHOOL SPEECH PROGRAMS (4)</td>
<td>G. Anderson</td>
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<td>Study of philosophy, organization, and administration of speech activities and festivals, including debate, discussion, extemporaneous speaking, and interpretative arts. Practical training and coaching, judging, and administring speech programs. Recommended for high school speech and English teachers and for juniors and seniors who wish to teach speech at secondary level.</td>
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<td>Daily 8:45-10:00</td>
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<td>480</td>
<td>GROUP LEADERSHIP AND DISCUSSION (3)</td>
<td>P. Heinberg</td>
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<td>Principles and techniques of effective group leadership and human relations; semantic and psychological barriers to communication. Analysis and discussion of social problems.</td>
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<td>Daily 11:35-12:50</td>
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<tr>
<td>598</td>
<td>SPECIAL PROBLEMS (3)</td>
<td>Staff</td>
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<td></td>
<td>(1) Gen Sp Educ; (2) Sp Corr; (3) Phonetics; (4) Interpretation; (5) Forens, Pub Ad; (6) Radio; (7) Pedagogy; (8) Audiology; (9) Voice Sci.</td>
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<td>List the Number of the Field in which you are working and the instructor's name on your registration card. Instructor's permission required.</td>
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<tr>
<td>660</td>
<td>GENERAL SEMINAR (3)</td>
<td>R. Rider</td>
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<td>Significant topics and problems in speech. May be repeated. Hrs. arr.</td>
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<tr>
<td>699</td>
<td>RESEARCH (3)</td>
<td>Staff</td>
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<td>Same fields as in 598. 4 credits may be earned. Pre: recommendation of advisory committee, consent of instructor or department chairman.</td>
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**Speech Pathology and Audiology (SPA)**

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<tr>
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<tbody>
<tr>
<td>300</td>
<td>INTRODUCTION TO SPEECH CORRECTION (3)</td>
<td>Ansberry</td>
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<td>Survey of field of speech correction; study of defective articulation, delayed speech, voice problems, cleft palate, cerebral palsy, stuttering, language disorders.</td>
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<td>Daily 8:45-10:00</td>
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<tr>
<td>301</td>
<td>INTRODUCTION TO AUDIOLOGY (3)</td>
<td>Pang-Ching</td>
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<td>Basic concepts: psychoacoustics, anatomy and physiology, measurement of hearing; rehabilitation of hard-of-hearing.</td>
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<td>Daily 10:10-11:25</td>
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410 PRACTICUM IN SPEECH PATHOLOGY (1-2) Ritter
Clinical practice in use of diagnostic procedures and rehabilitation techniques. Pre: 302 or equivalent.
Hrs. arr.

411 PRACTICUM IN AUDIOLOGY (1-2) Pang-Ching
Clinical practice in testing of hearing, hearing conservation, auditory training, speech reading, speech correction and conservation. Pre: 303 or equivalent.
Hrs. arr.

701 ADVANCED AUDIOLOGY (3) Ansberry
Instrumentation: selection of hearing aids; special tests of hearing, functional vs. organic hearing dysfunction.
Daily 11:35-12:50

710 ADVANCED PRACTICUM IN SPEECH PATHOLOGY (1-2) Ritter
Clinical practice in diagnostic and therapeutic procedures; emphasis placed upon complex problems such as delayed speech, language problems, aphasia, stuttering.
Hrs. arr.

711 ADVANCED PRACTICUM IN AUDIOLOGY (1-2) Pang-Ching
Clinical practice in administering special tests; interpretation of audiograms; selection of hearing aids; counseling of individuals with impaired hearing; use of varied rehabilitation techniques.
Hrs. arr.

799 RESEARCH (2-3) Ansberry, Ritter
Designed primarily for graduate students in the non-thesis program.
Hrs. arr.

800 THESIS RESEARCH (8) Ritter
Hrs. arr.

Tagalog (Tag)

111 INTENSIVE ELEMENTARY TAGALOG (6) F. Po Benito
Intensive course equivalent to Elementary Tagalog in academic year. Includes all four skills: listening, speaking, reading, and writing. In addition to 25 hours a week of class work for 6 weeks, two periods of laboratory drills are required daily.
Daily 7:30-10:00; 1:10-3:40 plus laboratory

Technical Nursing (TN)

112 NURSING (PSYCHIATRIC) (4) Staff
Basic concepts and principles of psychiatric nursing with guided clinical experience. 6 hours lecture and 15 hours laboratory per week. Pre: 109 or equivalent.
Lecture: TTh 10:00-12:00; 1:00-2:00 Laboratory: MWF 8:00-2:00

Thai (Thai)

111 INTENSIVE ELEMENTARY THAI (6) T. Gething
Intensive course equivalent to Elementary Thai in academic year. Includes all four skills: listening, speaking, reading, and writing. In addition to 25 hours a week of class work for 6 weeks, two periods of laboratory drill required daily.
Daily 7:30-10:00; 1:10-3:40 plus laboratory
112 INTENSIVE INTERMEDIATE THAI (6)  
Intensive course equivalent to Intermediate Thai in academic year. Includes all four skills; listening, speaking, reading, and writing. In addition to 25 hours a week of class work for 6 weeks, two periods of laboratory drills required daily.  
Daily 7:30-10:00; 1:10-3:40  plus laboratory

Vietnamese (Viet)

111 INTENSIVE ELEMENTARY VIETNAMESE (6)  
Intensive course equivalent to Elementary Vietnamese in academic year. Includes all four skills: listening, speaking, reading, and writing. In addition to 25 hours of class work for 6 weeks, two periods of laboratory drills required daily.  
Daily 7:30-10:00; 1:10-3:40  plus laboratory

Zoology (Zool)

101 PRINCIPLES OF ZOOLOGY (4)  
Introduction to zoology for non-science majors; living animals, their structure, development, reproduction, derivation, habits, and ecology, with emphasis on their relationship to man and society.  
Daily 10:30-12:20  Lab MTWThF 1:30-4:20
Second Term  July 29 - September 6

Agriculture, Tropical

Agriculture (AG)

299  AGRICULTURAL PRACTICE (1)  S. Goto

399  AGRICULTURAL THESIS (arr.)  Staff

511  AGRICULTURAL EDUCATION (3)  S. Goto

Open to voag and biological science teachers, senior ag students by permission.

Agricultural Economics (AEc)

399  DIRECTED STUDY (arr.)  Staff

Limited to exceptional undergraduate students who are qualified to carry on advanced study. Pre: consent of instructor.

Food Science (Fd Sc)

699  DIRECTED RESEARCH (arr.)  Staff

Horticulture (Hort)

699  DIRECTED RESEARCH (arr.)  Staff

Plant Pathology (PPath)

699  DIRECTED RESEARCH (arr.)  Staff
Soil Science (Soils)

699 DIRECTED RESEARCH (arr.) Staff
799 DIRECTED RESEARCH (arr.) Staff

Anthropology (Anth)

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

450(2) REGIONAL CULTURES OF OCEANIA, MICRONESIA (2) Staff
Historical problems and regional developments in ecology, social structure, world view, and other aspects of indigenous cultures. Pre: 150 or consent of instructor.
Daily 11:35-12:25

Architecture (Arch)

500 SPECIAL PROJECTS IN ARCHITECTURE (arr.) Staff
Intensive and specialized work at an advanced level in fields of special interest of visiting staff. Credit cannot count toward major requirements. Pre: advanced standing and consent of instructor.
Hrs. arr.

Art (Art)

105 ELEMENTARY STUDIO-CERAMICS (3) S. Pleyte
Studio experience mainly for non majors. Lectures and projects. Credit cannot count toward major requirements in Art. Pre: 101.
Daily 10:10-12:50

108 ELEMENTARY STUDIO-SCULPTURE (3) Staff
Studio experience mainly for non majors. Lectures and projects. Credit cannot count toward major requirements in Art. Pre: 101.
Daily 7:20-10:00

244 CERAMICS B C. Horan
Intermediate wheel throwing and hand building; operation and care of kilns; seminars. Pre: 243.
Daily 10:10-12:50

253 SCULPTURE (3) Staff
Study of form and structure using a variety of materials and techniques. Seminars.
Daily 10:10-12:50

Botany (Bot)

399 BOTANICAL PROBLEMS (arr.)
Limited to senior majors with 2.7 grade-point ratio, or 3.0 grade-point ratio in botany. May be repeated.
Hrs. arr.

699 DIRECTED RESEARCH (arr.)
Pre: candidacy for M.S. degree; consent of instructor.
Hrs. arr.

799 DIRECTED RESEARCH (arr.)
Pre: candidacy for Ph.D. degree; consent of instructor.
Hrs. arr.
Business Administration
Accounting (Acc)

101 ELEMENTARY ACCOUNTING (3)  J. Norem
Theory and practice of income determination and asset valuation. Preparation and analysis of statements; uses for decision making. Pre: 100.
MWF 7:45-9:30 Laboratory (1) and (2) TTh 7:45-9:30

201 INTERMEDIATE ACCOUNTING (3)  J. Norem
Critical examination of generally accepted accounting principles as applied to preparation and use of financial statements. Pre: 200.
Daily 10:10-11:25

Business Analysis and Statistics (BAS)

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 10:10-11:25

Business Economics (BEC)

341 MANAGERIAL ECONOMICS II (3)  Ige
Working concepts and case studies relating to demand analysis and production analysis; problems of demand creation, multifactors, and multiproducts, technological change; cases involving working capital, financing and capital budgeting; input-output analysis and programming techniques. Pre: 340.
Daily 8:45-10:00

Law (Law)

300 PRINCIPLES OF BUSINESS LAW (3)  L. Buch
American system of jurisprudence, elements of torts, criminal law, property trusts and estates, law of contracts and agency.
Daily 8:45-10:00

Travel Industry Management (TIM)
Transportation (Trans)

351 PASSENGER TRANSPORTATION (3)  Bess
Analysis of modes of passenger transportation, including rates and services in urban, local, intrastate, interstate, and international areas of operation; particular emphasis on the Pacific; impact on areas served; regulations of carrier operation and passenger travel.
Daily 7:20-8:35

Chemistry (Chem)

399 DIRECTED RESEARCH (arr.)
Pre: consent of department chairman.
Hrs. arr.

699 DIRECTED RESEARCH (arr.)
Pre: consent of department chairman.
Hrs. arr.
Chinese (Chin)

102 ELEMENTARY CHINESE (3)
Continuation of 101; equivalent of second semester's work in academic year.
Daily 10:10-12:50 plus laboratory

112 INTENSIVE INTERMEDIATE CHINESE (6)
Intensive course equivalent to Intermediate Chinese in 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 required. Pre: consent of instructor.
Daily 7:30-10:00; 1:10-3:40 plus laboratory

162 INTERMEDIATE CHINESE (4)
Continuation of 161; equivalent of second semester's work in academic year. Language lab practice required daily.
Daily 7:40-10:00 plus laboratory

408 STRUCTURE OF CHINESE (3)
Continuation of 407; equivalent to second semester's work in academic year.
Daily 10:10-11:25

428 ACCELERATED FOURTH-LEVEL CHINESE (6)
Reading and discussion of modern literature: essays, short stories, plays. In one session, content of 409-410 will be covered. Pre: consent of instructor.
Daily 10:10-11:25; 11:35-12:50 plus laboratory

614 CHINESE POETRY (3)
Continuation of 613; equivalent to second semester's work in academic year.
Daily 10:10-11:25

Economics (Econ)

150 PRINCIPLES OF ECONOMICS (3) Staff
Analysis of functioning of economic systems with emphasis on forces determining levels and changes of national income and employment. Describes basic economic institutions, e.g., markets, money, banks, labor organizations, corporations.
Daily 8:45-10:00

151 PRINCIPLES OF ECONOMICS (3) Coats
Analysis of how commodity and factor prices are determined. Discusses policies for efficient allocation of scarce resources. Required of all economics majors.
Daily 10:10-11:25

300 INTERMEDIATE ECONOMIC THEORY: PRICE THEORY (3) Yeh
Price determination and resource allocation under competition, monopoly, oligopoly, monopolistic competition. Theories of demand, cost, partial, general equilibrium.
Daily 8:45-10:00

421 QUANTITATIVE METHODS IN ECONOMIC ANALYSIS (3) D. Ashby
Includes theory and operations in statistical inference, introduction to econometrics. Covers probability and distribution theory, tests of hypotheses, small sample methods, analyses of variance and regression, correlation analysis, Gauss-Doolittle method, time series and index numbers. Pre: 420 or permission of instructor.
Daily 10:10-11:25

430 COMPARATIVE ECONOMIC SYSTEMS (3) Staff
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 7:20-8:35
440 MONETARY THEORY AND POLICY (3)  D. Ashby
Critical analysis of monetary theory and policy with special emphasis devoted to quantity theory, national income theory, and tools of central banking and debt management. Pre: 240, 302.
Daily 7:20-8:35

450 PUBLIC FINANCE (3)  Coats
Considers governmental expenditures, revenues and debt, both descriptively and theoretically. Fiscal policy, budgeting, and tax administration also considered.
Daily 7:20-8:35

462 INTERNATIONAL ECONOMIC POLICY (3)  Yeh
Discussion of problem areas of contemporary interest, such as causes and effects of recent U.S. gold losses, drive for trade liberalization, impact of Common Market, etc. Pre: 460.
Daily 11:35-12:50

602 THEORY OF INCOME AND GROWTH (3)  Staff
Keynesian and post-Keynesian theories of aggregative economies, with special attention to factors determining levels of employment, and rates of growth. Also business cycle theories. Pre: 302.
Daily 10:10-11:25

624 ECONOMETRICS (3)  Staff
Mathematical models of economic behavior and use of advanced statistical methods for testing economic theories and estimating economic parameters. Includes general linear regression models, multivariate analysis, simultaneous equation models, least-square estimation, limited-information technique, identification, auto-correlation and time series analyses. Pre: 620, or consent of instructor.
Daily 7:20-8:35

699 DIRECTED RESEARCH (arr.)  Staff
Pre: consent of department chairman.

Education
Curriculum and Instruction (Ed CI)

Prerequisite for the following courses is enrollment in the College of Education as classified student or permission of the department chairman: 319, 320, 321, 343.

319 CHILDREN'S LITERATURE (2)
Acquaintance with a wide range of children's books; criteria for judging literature on basis of needs and interests. Pre: 341.
Daily 8:45-10:00
July 29-August 23

320 LANGUAGE ARTS, ELEMENTARY (2)  R. Allen
Modern approach to teaching of language arts — reading, oral and written expression. Pre: 341.
Daily 10:10-11:25
July 29-August 23

321 READING, ELEMENTARY (2)  Tanyzer
Survey of the reading process: development of reading readiness, word recognition, comprehension, reading rate, vocabulary, reading interests, and reading in the content areas. Selection and use of reading materials and evaluation and appraisal of reading progress.
Daily 7:45-10:00
July 29-August 23
325  TRENDS IN THE TEACHING OF ELEMENTARY MATHEMATICS (2)  
Adachi  
Mathematical content necessary for effective use of newer approaches; nature of number systems; introduction to theory of numbers; basic concepts of algebra; foundations in geometry. Open for credit to students who took elementary math methods prior to September, 1962. Pre: 341.  
Daily 7:45-9:25  
July 29-August 16

341(5) FOUNDATIONS IN CURRICULUM AND INSTRUCTION: ELEMENTARY EDUCATION (3)  
Braun  
Study of objectives and organization of the school's curriculum; discussion of principles and practices; roles of the teacher in the school. Pre: Ed EP 372. (Not required of students who have had Ed EE 220, 221, 224, or Ed SE 230.)  
Daily 8:45-10:40  
July 29-August 23

341(10) FOUNDATIONS IN CURRICULUM AND INSTRUCTION: SECONDARY EDUCATION (3)  
R. Gustafson  
Study of objectives and organization of the school's curriculum; discussion of principles and practices; roles of the teacher in the school. Pre: Ed EP 372. (Not required of students who have had Ed EE 220, 221, 224, or Ed SE 230.)  
Daily 7:45-9:40  
July 29-August 23

343  PHYSICAL EDUCATION, SECONDARY (3)  
Thompson  
Methods and materials in conduct of the physical activities program; techniques in leadership; selection of activities and program evaluation. Pre: 341.  
Daily 8:45-10:40  
July 29-August 23

540(5) PRACTICUM IN CURRICULUM DEVELOPMENT: HEALTH AND PHYSICAL EDUCATION (2)  
Thompson  
Daily 11:10-12:25  
July 29-August 23

540(9) PRACTICUM IN CURRICULUM DEVELOPMENT: SCIENCE EDUCATION (2)  
Carr  
Designed for teachers-in-service to upgrade subject matter and develop new teaching methods and materials for instruction in courses of study K-12. Opportunity for development of curriculum materials and methods by participating teachers. Pre: related undergraduate methods courses; teaching experience. (Registration limited to teachers and administrators in SCIS Trial Center Program.)  
Daily 8:00-12:00  
August 19-30

620  TEACHING READING IN THE ELEMENTARY SCHOOL (3)  
R. Allen, Tanyzer  
(2 sections)  
Developmental and psychological aspects of the reading process with study in depth of current trends, research, and techniques of evaluation. Pre: 321.  
Daily (1) 7:45-9:40 (Allen)  (2) 10:10-12:05 (Tanyzer)  
July 29-August 23

Educational Administration (Ed EA)

590  WORKSHOP IN COMMUNITY EDUCATION (3)  
Totten  
Designed for school personnel who wish to explore the community school approach to learning. Pre: consent of instructor.  
Daily 10:10-12:05  
July 29-August 23
780(5) SEMINAR IN EDUCATIONAL ADMINISTRATION: TECHNICAL AND VOCATIONAL (3)  
Analysis of selected problems in school administration. May be repeated. Pre: 670, 680, 685 or consent of instructor. 
Daily 7:45-9:40  
July 29-August 23

Educational Foundations (Ed EF)

320 FOUNDATIONS OF AMERICAN EDUCATION (3)  
L. Fischer  
(2 sections)  
Contemporary educational theory and practice as related to major historical, philosophical, and social factors in American culture.  
Daily (1) 8:45-10:00  
(2) 10:10-11:25

Educational Psychology (Ed EP)

408 THE EMOTIONALLY DISTURBED CHILD (3)  
E. Phillips  
Study of the behavioral characteristics, methods of identification and management of emotionally disturbed children in regular and special classes within public schools, private day schools, clinics, residential schools, and hospitals.  
Daily 8:05-10:00  
July 29-August 23

416 TESTS AND MEASUREMENTS (3)  
Oppelt  
Theory and techniques of measurement and evaluation in education, including supervised experience in instrument development and analysis.  
Daily 8:05-10:00  
July 29-August 23

601 GUIDANCE IN THE SCHOOL (3)  
E. Phillips  
Basic principles of guidance; consideration of techniques, organization, materials, resources.  
Daily 10:10-12:05  
July 29-August 23

605 PROBLEMS OF SCHOOL ADJUSTMENT (3)  
Cash  
Principles of behavior which affect human relationships in the school, with emphasis upon application to actual situations.  
Daily 10:10-12:05  
July 29-August 23

730 COMPUTER APPLICATIONS AND STUDIES OF HUMAN BEHAVIOR (6)  
H. Anderson, Jr.  
Applied regression analysis and computer usage in behavioral science with special reference to problems of concern to students and faculty in education, anthropology, sociology, and psychology.  
Daily 8:45-11:35

Health and Physical Education (HPE)

Medical Clearance Requirement: For HPE courses numbered 101 through 162, 232 through 236, 333 through 337, and 433 through 434 a student is required to submit a medical clearance issued by the University of Hawaii Student Health Service no later than Friday, June 21, 1968. For the procedure to obtain this clearance see p. 40.

103 SWIMMING: BEGINNING (1)  
Sedchi  
Adjusting to water, immersing in water, floating, sculling; correct arm stroke, leg kick, breathing techniques and their coordination.  
Daily 10:10-11:00
107 TENNIS: BEGINNING (1)  
(3 sections)  
Rules, etiquette, grip, forehand and backhand strokes, serving, volleying, and singles and doubles play.  
Daily (1) 8:10-9:00 (2) 9:10-10:00 (3) 10:10-11:00

123 FOLK AND NATIONAL DANCES (1)  
Selected dances of various national groups now in popular use with emphasis on analytical knowledge and practical experience. Square dances included.  
Daily 10:10-11:00  
July 29-August 23

162 KARATE (1)  
(2 sections)  
Rules, etiquette, basic stances, blocks, thrusts, kicks, ippon kumite, and selected kata.  
(Student must provide his own uniform “gi.”)  
Daily (1) 10:10-11:00 (2) 11:10-12:00

Courses numbered 201 and above are not open to lower division students.

201 SCHOOL HEALTH PROBLEMS: ELEMENTARY (2)  
Responsibilities of the elementary school teacher in recognizing and meeting needs of the elementary school child with emphasis on the teacher’s role in health instruction, health services, and school health policies.  
Daily 8:45-10:00  
July 29-August 23

211 METHODS AND MATERIALS OF AQUATICS AND LIFE SAVING (2)  
Review of methods for teaching aquatic sports; 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. Pre: ability to swim 100 yards or consent of instructor.  
Daily 11:10-12:25  
July 20-August 23

233 PHYSICAL EDUCATION: ELEMENTARY (3)  
Content and methods for physical education in the elementary school with emphasis on selection, planning, teaching, and evaluation of movement exploration and physical activities.  
Daily 8:00-9:55  
July 29-August 23

401 CURRENT TRENDS IN HEALTH (3)  
Critical analysis of current problems and trends in basic health education areas which contribute to healthful living in the community, home, and school. Pre: 201 or 202 and 302 desirable; consent of instructor.  
Daily 10:10-12:05  
July 29-August 23

433 MUSIC AND RHYTHMS IN PHYSICAL EDUCATION (2)  
Use of music in the physical education program with emphasis on selection of appropriate music for specific activities as expressive or creative movement, movement exploration, rhythmic gymnastics, and dancing. Pre: Mus 117 and 118 desirable; consent of instructor.  
Daily 8:45-10:00  
July 29-August 23

463 KINESIOLOGY (3)  
Concepts and scientific principles essential to efficient human movement; proper application of kinesiological and mechanical principles to fundamental movements and selected complex motor skills. Pre: 453.  
Daily 10:10-12:05  
July 29-August 23
108 1968 SUMMER CATALOG

503 SCIENTIFIC FOUNDATIONS OF PHYSICAL EDUCATION (3)  Chul
Scientific laws and principles relevant to man's physical and social environment as these relate specifically to physical fitness and human movement. Pre: 203 and consent of instructor.
Daily 10:10-12:05
July 29-August 23

523 ADMINISTRATIVE PROBLEMS IN PHYSICAL EDUCATION (3)  Chul
Current problems and recent trends in conducting physical education programs in public schools. For administrators, teachers, graduate students, and seniors in physical education. Pre: consent of instructor.
Daily 8:00-9:55
July 29-August 23

574(1) ASSESSMENT OF PHYSICAL FITNESS: ELEMENTARY SCHOOL (3)  Bernauer
Practicum intended for teachers of physical education dealing with current methods and techniques by which physical fitness and related aspects of physical status are assessed. Pre: teaching experience; consent of instructor.
Daily; 8:00-9:55
July 29-August 23

English (Eng)

101 EXPOSITORY WRITING (First Semester) (3)  Staff
(7 sections)
Training in analysis of expository essays; introduction and practice of principal exposition 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  (5) 10:10-11:25
(2) 7:20-8:35  (6) 10:10-11:25
(3) 8:45-10:00  (7) 11:35-12:50
(4) 8:45-10:00

102 EXPOSITORY WRITING (Second Semester) (3)  Staff
(4 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. Pre: 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  (3) 10:10-11:25
(2) 8:45-10:00  (4) 11:35-12:50

150 MAJOR WORKS OF BRITISH AND AMERICAN LITERATURE (3)  D. DeLuca
From the Middle Ages to 1800; an introductory course for sophomores. Daily 11:35-12:50

152 WORLD LITERATURE: TO THE RENAISSANCE (3)  R. Klemas
Major works of classical, Oriental, European and English literature. Daily 8:45-10:00

154 TYPES OF LITERATURE (3)  J. Allen, L. Taylor
(2 sections)
Practical criticism in the major genres of European and American literature. Short story, novel, literary essay, introduction to poetry (narrative).
Daily (1) 8:45-10:00 (Allen)  (2) 10:10-11:25 (Taylor)
231 INTRODUCTION TO POETRY (3)  J. Frierson
Written and oral analysis of imagery, sound, language and form and structure of poems, leading to increased awareness of the nature of poetry.
Daily 10:10-11:25

French (Fr)

102 ELEMENTARY FRENCH (4)  S. Grissim, H. Niedzielski
(2 sections)
Continuation of 101. Two classes and two lab sessions required daily.
Daily (1) 7:45-8:35; 8:45-10:00 (S. Grissim) plus laboratory
(2) 9:10-10:00; 10:10-11:25 (H. Niedzielski) plus laboratory

152 INTERMEDIATE FRENCH (3)  R. Carroll, F. Gray
(2 sections)
Continuation of 151. One class and two lab sessions required daily.
Daily (1) 8:45-10:00 (R. Carroll) plus laboratory
(2) 10:10-11:25 (F. Gray) plus laboratory

212 ADVANCED CONVERSATION AND COMPOSITION (3)  F. Gray
Continuation of 211.
Daily 1:10-2:25

Geography (Geog)

101 ELEMENTS OF PHYSICAL GEOGRAPHY (3)  T. Kelley
Survey of man’s natural environment; distribution and interrelationships of climates, vegetation, soils, and landforms. Laboratory problems in interpretation.
Daily 11:35-12:25 Laboratory
(1) MW 1:10-4:00
(2) TTh 1:10-4:00

102 WORLD REGIONAL GEOGRAPHY (3)  D. Dwyer
Geography of the world’s major cultural regions; emphasis on geographic aspects of contemporary economic, social, and political conditions.
Daily 8:45-10:00

235 MAP AND AIRPHOTO INTERPRETATION (2)  J. Williams
Map reading and interpretation, principles of basic photogrammetry, use of airphotos as tools for research in the social and physical sciences.
Daily 10:10-11:25 (Lecture and Lab combined)

507 CONSERVATION AND UTILIZATION OF NATURAL RESOURCES (3)  T. Kelley
Conservation and utilization of soil, water, mineral and biotic resources. Role of man in changing the face of the earth. Contemporary problems in United States (especially Hawaii) and underdeveloped areas.
Daily 8:45-10:00

541 GEOGRAPHY OF ASIA (3)  D. Dwyer
Regional physical and cultural patterns. Emphasis on geographical background of current Asian problems.
Daily 11:35-12:50

556 GEOGRAPHY OF SOUTHEAST ASIA (3)  J. Clarkson
Analysis of the peoples and natural resources of mainland and island Southeast Asia.
Daily 10:10-11:25

578 GEOGRAPHY OF HAWAII (3)  A. Pilanaia
Regional, physical, and cultural geography. Detailed study of the people and resources.
Daily 7:20-8:35
German (Ger)

101 ELEMENTARY GERMAN (4)
Intensive course in conversation, grammar, reading, writing. Two classes and two lab sessions required daily.
Daily 7:20-8:35; 11:35-12:50 plus laboratory

102 ELEMENTARY GERMAN (4)
(2 sections)
Continuation of 101. Two classes and two lab sessions required daily.
Daily (1) 7:45-8:35; 8:45-10:00 plus laboratory
(2) 10:10-11:25; 11:35-12:25 plus laboratory

151 INTERMEDIATE GERMAN (3)
Intensive course in conversation, grammar review, reading composition. Pre: 102 or the equivalent. Language lab practice required daily.
Daily 8:45-10:00 plus laboratory

152 INTERMEDIATE GERMAN (3)
Continuation of 151. Language lab practice required daily.
Daily 10:10-11:25 plus laboratory

422 LITERARY CURRENTS SINCE WORLD WAR I (3)
Survey of simultaneous currents in German literature since 1918, with emphasis on lasting trends. Pre: 101-102 or equivalent.
Daily 11:10-12:25

Hawaiian (Haw)

102 ELEMENTARY HAWAIIAN (3)
(2 sections)
Continuation of 101; equivalent of second semester's work in academic year. Language lab practice required daily.
Daily (1) 11:35-12:50 plus laboratory
(2) 11:35-12:50 plus laboratory

152 INTERMEDIATE HAWAIIAN (3)
Continuation of 151; equivalent of second semester's work in academic year.
Daily 10:10-11:25 plus laboratory

Hindi (Hindi)

102 ELEMENTARY HINDI (3)
Continuation of 101, equivalent of second semester's work in academic year. Language lab practice required daily.
Daily 10:10-11:25 plus laboratory

152 INTERMEDIATE HINDI (3)
Continuation of 151; equivalent of second semester's work in academic year.
Daily 1:10-2:25 plus laboratory

History (Hist)

151 WORLD CIVILIZATION (3)
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 17th C.
Daily 11:35-12:50
152 WORLD CIVILIZATION (3) Ferguson, Saville
(2 sections)
Continuation of the history of world civilization from the 17th C. to the present day.
Daily (1) 8:45-10:00 (Ferguson) (2) 10:10-11:25 (Saville)

182 INTRODUCTION TO AMERICAN HISTORY (3) Lillibridge
Interpretive survey of United States history from 1877 to the present.
Daily 8:45-10:00

426 EUROPE SINCE VERSAILLES (3) Hurwitz
Problems of contemporary Europe and their historical background.
Daily 7:20-8:35

484 RECENT AMERICA: THE UNITED STATES SINCE 1920 (3) Graham
Detailed political, economic, and social survey of the history of the American people, 1920 to the present.
Daily 11:35-12:50

496 THE AMERICAN IMPACT ABROAD (2) Lillibridge
Image and impact of the United States since its emergence as a world power.
Daily 10:10-11:00

532 HISTORY OF CHINA SINCE 1800 (3) Mammitzsch
Response to Western culture; recent revolutionary changes.
Daily 8:45-10:00

552 HISTORY OF SOUTH ASIA, 1000 A.D.-PRESENT (3) Frykenberg
General historical survey of India, Pakistan, Ceylon from 1000 A.D. to the present.
Daily 10:10-11:25

638 SEMINAR IN RECENT AMERICAN HISTORY (3) Graham
Research in United States history since World War I.
Hrs. arr.

663 SEMINAR IN INDIAN HISTORY (3) Frykenberg
Section 4—Selected problems and reading in history of India, and the influence of Indian culture in southern Asia.
Hrs. arr.

712 SEMINAR IN HISTORIOGRAPHY (3) Hurwitz
The history of history and historians.
Hrs. arr.

Home Economics (HE)

399 DIRECTED READING AND RESEARCH (arr.)

455 MANAGEMENT AND DECISION MAKING IN THE FAMILY (3) Paolucci
Decision making in respect to human and material resources in the family.
Daily 8:45-11:25
July 29-August 16

699 DIRECTED READING AND RESEARCH (arr.)

Indonesian (Ind)

112 INTENSIVE INTERMEDIATE INDONESIAN (6) G. DeHeer
Intensive course equivalent to Intermediate Indonesian in 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 required.
Daily 7:30-10:00; 1:10-3:40 plus laboratory
227 ACCELERATED THIRD-LEVEL INDONESIAN (6)
Accelerated course equivalent to Third-Level Indonesian in academic year. Includes four basic skills: listening, speaking, reading, and writing. In addition to 15 hours of class work per week during 6 weeks, two periods of laboratory drill daily.
Daily 8:45-10:00; 1:10-2:25 plus laboratory

Japanese (Jap)

102 ELEMENTARY JAPANESE (3)
(2 sections)
Continuation of 101; equivalent to second semester's work in academic year.
Daily (1) 10:10-12:50 plus laboratory
(2) 10:10-12:50 plus laboratory

112 INTENSIVE INTERMEDIATE JAPANESE (8)
(2 sections)
Intensive course equivalent to Intermediate Japanese in academic year. Includes all four skills: listening, speaking, reading, and writing. In addition to 25 hours a week of class work for 6 weeks, two periods of laboratory drill daily required. Pre: consent of instructor.
Daily (1) 7:30-10:00; 1:10-3:40 plus laboratory
(2) 7:30-10:00; 1:10-3:40 plus laboratory

162 INTERMEDIATE JAPANESE (4)
(3 sections)
Continuation of 161. Language lab practice required daily.
Daily (1) 10:10-12:50 plus laboratory
(2) 10:10-12:50 plus laboratory
(3) 10:10-12:50 plus laboratory

212 THIRD-LEVEL JAPANESE (3)
(2 sections)
Continuation of 211. Pre: 162 or equivalent.
Daily (1) 11:35-12:50 plus laboratory
(2) 11:35-12:50 plus laboratory

408 STRUCTURE OF JAPANESE (3)
Continuation of 407; equivalent to second semester's work in academic year.
Daily 10:10-11:25

418 FOURTH-LEVEL JAPANESE (3)
Continuation of 417; equivalent to second semester's work in academic year.
Daily 11:35-12:50 plus laboratory

428 ACCELERATED FOURTH-LEVEL JAPANESE (6)
Study of modern spoken and written Japanese involving complex structures, expressions, patterns, and "tooyoo kanji." In one session the content of 417-418 will be covered. Pre: consent of instructor.
Daily 10:10-11:25; 11:35-12:50 plus laboratory

Korean (Kor)

112 INTENSIVE INTERMEDIATE KOREAN (6)
Intensive course equivalent to Intermediate Korean in 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 required.
Daily 7:30-10:00; 1:10-3:40 plus laboratory

227 ACCELERATED THIRD-LEVEL KOREAN (6)
Accelerated course equivalent to Third-Level Korean in academic year. Includes the four
basic skills: listening, speaking, reading and writing. In addition to 15 hours of class work per week during 6 weeks, two periods of laboratory drills required daily. Daily 8:45-10:00; 1:10-2:25 plus laboratory

**Linguistics (Ling)**

202 **GENERAL LINGUISTICS (3)**
Nature and workings of language, and its role in culture and history.
Daily 8:45-10:00

750 **SEMINAR (3)**
Reporting and discussion of current research in linguistics.
Daily 10:10-11:25

**Mathematics (Math)**

100 **SURVEY OF MATHEMATICS (3)**
To acquaint the non-specialist with the position of mathematics in modern culture. Open to freshmen and sophomores who have not earned credit in Math 134 or above.
Daily 7:20-8:35

111 **INTRODUCTION TO MATHEMATICS (3)**
Study of the structure and concepts of arithmetic. (Primarily for Education majors.)
Daily 8:45-10:00

232 **ORDINARY DIFFERENTIAL EQUATIONS (3)**
First order equations; linear equations with constant coefficients; systems of equations, Laplace transforms; applications. Pre: 231.
Daily 7:20-8:35

402 **PARTIAL DIFFERENTIAL EQUATIONS (3)**
Daily 8:45-10:00

**Music (Mus)**

150 **ELEMENTARY MUSICIANSHIP (3)**
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

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

452(41) **ADVANCED WOODWIND METHODS: FLUTE (2)**
Daily 10:10-11:10
July 30-August 30

652 **PROBLEMS IN MUSIC EDUCATION (2)**
Study of general music at elementary school level. Research, reports and conferences. May be repeated for credit. Pre: teaching experience.
Daily 11:35-12:35
July 30-August 30
Philosophy (Phil)

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

150 HISTORY OF PHILOSOPHY (3)  Bergmann
  Western philosophy from era of great Greek thinkers to Renaissance.
  Daily 8:45-10:00

200 INTRODUCTION TO LOGIC (3)  Wargo
  Principles of modern deductive logic.
  Daily 10:10-11:25

420 INDIAN PHILOSOPHY (3)  Saksena
  Philosophical systems and movements: Vedas, Upanishads, six systems of Hinduism, Charvaka, Jainism, Buddhism.
  Daily 8:45-10:00

470 AMERICAN PHILOSOPHY (3)  Cheng
  Major trends in development of American philosophy in relation to sociopolitical background and influence.
  Daily 10:10-11:25

630 VEDANTA (3)  Van Bultemen
  Development and facets of Vedanta will be examined in their richness and complexity.
  Daily 10:10-11:25

740 SEMINAR IN MODERN CLASSICAL PHILOSOPHY (3)  Nagley
  Schopenhauer.
  MW 2:30-5:30

Political Science (PolSc)

215 TOPICS IN AMERICAN GOVERNMENT (3)
  Topics may include American legislative process and American civil liberties, as pre-announced.
  Daily 8:45-10:00

325 TOPICS IN INTERNATIONAL RELATIONS (3)  T. Nardin
  Topics may include global and regional organizations, comparative foreign policies, international relations of the Far East, South and Southeast Asia, as pre-announced.
  Daily 10:10-11:25

670 POLITICS (3)
  At least one section a year surveying the literature on the study of politics and political interaction.
  Daily 11:35-12:50

730 SEMINAR: INTERNATIONAL RELATIONS (3)  R. Chadwick
  Pre-announced problems of both international organization and politics; at least one section a semester. Pre: consent of instructor. Seminars may be repeated for credit.
  Daily 8:45-10:00

Psychology (Psy)

100 SURVEY OF PSYCHOLOGY (3)  H. Weaver
  Principles of human behavior. Individual differences, motivation, emotion, perception, learning, etc. Not open to those who have had 111; intended for non-majors.
  Daily 8:45-10:00
Religion (Rel)

150 INTRODUCTION TO RELIGION (3)  Seifert
Introduction to world's living religions — Hinduism, Buddhism, Shinto, Confucianism, Taoism, Judaism, Christianity, Islam.
Daily 10:10-11:25

151 MEANING OF EXISTENCE (3)  S. C. Crawford
Introduction to the basic ideas and issues of contemporary religious thought as they are related to the question: What is the meaning of existence?
Daily 8:45-10:00

Russian (Rus)

102 ELEMENTARY RUSSIAN (4)  L. Keller
Continuation of 101. Language lab practice required daily.
Daily 7:45-8:35, 8:45-10:00 plus laboratory

152 INTERMEDIATE RUSSIAN (3)  P. Reisbacher
Continuation of 151. Language lab practice required daily.
Daily 10:10-11:25 plus laboratory

Sanskrit (Sansk)

152 INTERMEDIATE SANSKRIT (3)  W. Maurer
Continuation of 151; equivalent of second semester's work in the academic year.
Daily 2:00-4:00

Social Sciences (SocSc)

301 MAN IN SOCIETY (3)  Matson
Some basic problems and processes of contemporary society, jointly examined by the several social sciences. Pre: sophomore standing or consent of instructor.
Daily 10:10-11:25

Sociology (Soc)

151 INTRODUCTION TO THE STUDY OF SOCIETY (3)  Skipper
Basic social relationships, norms, social structures, and processes affecting social change. Not open to juniors or seniors.
Daily 8:45-10:00

201 PRINCIPLES OF SOCIOLOGY (3)  Skipper
Principles underlying the organization of social groups, communities, institutions, and ecological structures; basic processes of socialization, collective behavior, and social change. Equivalent to 151, and open to juniors, seniors, and graduates only.
Daily 10:10-11:45

258 RACE RELATIONS (3)  O'Brian
Race relations in world perspective; typical situations; conflict and accommodation; caste; race prejudice; miscegenation; effects upon personality.
Daily 8:45-10:00

300 SOCIAL DISORGANIZATION (3)  O'Brian
Factors in community, institution, and group disorganization; behavioral deviancy and social pathology. Integrated approach to social problems.
Daily 11:35-12:50
438 THE URBAN COMMUNITY (3)

Sociological principles as applied to the modern city. Structure, growth, social and personal life organization.
Daily 10:10-11:25

472 THE FAMILY (3) 

Culturally distinctive family types as background for analysis and interpretation of the American family.
Daily 8:45-10:00

480 SOCIOLOGY OF RELIGION (3)

Structure, function, and dynamics of religion in various types of society.
Daily 8:45-10:00

570 SOCIAL STATISTICS (3) 

Introduction to statistical methods and resources as applied to social research data.
Daily 7:20-8:35

Spanish (Span)

102 ELEMENTARY SPANISH (4)

(2 sections)
Continuation of 101. Two classes and two lab sessions required daily.
Daily (1) 7:45-8:35; 8:45-10:00 plus laboratory
(2) 9:10-10:00; 10:10-11:25 (Barroca) plus laboratory

152 INTERMEDIATE SPANISH (3)

(2 sections)
Continuation of 151. One class and two lab sessions required daily.
Daily (1) 7:20-8:35 (Ayora) plus laboratory
(2) 10:10-11:25 (Woods) plus laboratory

204 ADVANCED GRAMMAR AND COMPOSITION (3)

Continuation of 203.
Daily 8:45-10:00

Speech (Sp)

110 INTRODUCTION TO GENERAL AMERICAN PHONOLOGY (2)

L. Watson
Introduction to the phonology of general American speech, articulatory, rhythmic, and melodic differences between general American and Hawaii's sub-standard dialect. Conferences required.
Daily 7:45-8:35

145 EXPOSITORY AND PERSUASIVE SPEAKING (3)

(8 sections)
Practice in systematic analysis of expository and persuasive ideas with instruction in their preparation for public discourse. Pre: permission from Speech Communication Center.
Daily (1) 7:20-8:35 (Staff)
(2) 8:45-10:00 (J. Mordeno)
(3) 8:45-10:00 (E. Kunimoto)
(4) 10:10-11:25 (E. Kunimoto)
(5) 10:10-11:25 (A. Bengson)
(6) 11:35-12:50 (A. Bengson)
(7) 11:35-12:50 (J. Harms)
(8) 1:10-2:25 (T. Welden)

210 PHONETICS (2)—for foreign students only

Phonology of American English; standards of pronunciation; dialects.
Hrs. arr.
250 PUBLIC SPEAKING (3) Staff
Principles of oral composition and delivery with attention to the texts of British and American speeches. Pre: sophomore standing.
Daily 8:45-10:00

365 SPEECH FOR THE CLASSROOM TEACHER (3) L. Watson, H. Ellingsworth
Pedagogy for the classroom teacher. Integration of speech improvement in the curriculum; speech problems of Hawaii. Pre: (for elementary section) 110.
Daily (1) Elem. 8:45-10:00 (L. Watson) (2) Sec. 10:10-11:25 (H. Ellingsworth)

598 SPECIAL PROBLEMS (3) Staff
(1) Gen Sp Educ; (2) Sp Corr; (3) Phonetics; (4) Interpretation; (5) Forens, Pub Ad; (6) Radio; (7) Pedagogy; (8) Audiology; (9) Voice Sci.
List the Number of the Field in which you are working and the instructor's name on your registration card. Instructor's permission required.

598 SPECIAL PROBLEMS (2) Staff
(31) Phonetics—for foreign students only

650 SEMINAR IN RHETORIC AND PUBLIC ADDRESS (3) H. Ellingsworth
Review on rhetoric and public address. Pre: consent of instructor.
Hrs. arr.

660 GENERAL SEMINAR (3) L. S. Harms
Significant topics and problems in speech. May be repeated.
Hrs. arr.

699 RESEARCH (3) Staff
Same fields as in 598. 4 credits may be earned. Pre: recommendation of advisory committee, consent of instructor or department chairman.

410 PRACTICUM IN SPEECH PATHOLOGY (1-2) May
Clinical practice in use of diagnostic procedures and rehabilitation techniques. Pre: 302 or equivalent.
Hrs. arr.

710 ADVANCED PRACTICUM IN SPEECH PATHOLOGY (1-2) May
Clinical practice in diagnostic and therapeutic procedures; emphasis placed upon complex problems such as delayed speech, language problems, aphasia, stuttering.
Hrs. arr.

720-3 SEMINAR IN SPEECH PATHOLOGY (3) May
Study of organic disorders of speech.
Daily 8:45-10:00

Tagalog (Tag)

112 INTENSIVE INTERMEDIATE TAGALOG (6) F. Pe Benito
Intensive course equivalent to Intermediate Tagalog in the academic year. Includes the four basic skills: listening, speaking, reading and writing. In addition to 25 hours of class work per week during six weeks, two periods of laboratory drills required daily.
Daily 7:30-10:00; 1:10-3:40 plus laboratory

Thai (Thai)

112 INTENSIVE INTERMEDIATE THAI (6) T. Gething
Intensive course equivalent to Intermediate Thai in the academic year. Includes all four
skills: listening, speaking, reading and writing. In addition to 25 hours of class work per week during 6 weeks, two periods of laboratory drills required daily.
Daily 7:30-10:00; 1:10-3:40 plus laboratory

227 ACCELERATED THIRD-LEVEL THAI (8)
Accelerated course equivalent to Third-Level Thai in the academic year. Includes four basic skills: listening, speaking, reading and writing. In addition to 15 hours of class work per week during 6 weeks, two periods of laboratory drills required daily.
Daily 10:10-11:25; 1:10-2:25 plus laboratory

Vietnamese (Viet)

112 INTENSIVE INTERMEDIATE VIETNAMESE (9)
Intensive course equivalent to Intermediate Vietnamese (AP 161-162) in academic year. Includes four basic skills: listening, speaking, reading and writing. In addition to 25 hours of class work for 6 weeks, two periods of laboratory drills required daily.
Daily 7:30-10:00; 1:10-3:40 plus laboratory
Hilo Campus

Anth 370 FIELD ARCHEOLOGY IN OCEANIA (3)  
Survey and excavation of prehistoric sites. Recording and analysis of data. Supervised field work in Hawaii. Permission of instructor required.

Anth 371 LABORATORY TECHNIQUES IN ARCHEOLOGY (2)  
Training in laboratory methods and techniques of dealing with archeological problems. A special problem will be assigned to each student for analysis and presentation. Permission of instructor required.

BAS 301 BUSINESS STATISTICS (3)  
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.

Ed CI 324 MATHEMATICS, ELEMENTARY (2)  
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. Pre: 341, Math 111.

Ed CI 624 THE ELEMENTARY MATHEMATICS CURRICULUM (3)  
Analysis of research relating to teaching and learning arithmetic with attention to application of research findings to classroom procedures. Appraisal of recent curricular trends along with critical examination of the assumption underlying proposed change. Pre: 324 and teaching experience.

Ed EP 673 ADVANCED EDUCATIONAL PSYCHOLOGY: PSYCHO-SOCIAL (3)  
Research methods and findings involving classroom group structures, attitude and personality development, and psycholinguistic behavior. Pre: consent of instructor.

Ed EP 701 SEMINAR IN GUIDANCE (3)  
Current issues and problems. (1) School psychology, (2) testing, (3) counseling, (4) vocational, (5) elementary school, (6) administration, (7) group procedures. Pre: 8 credits in guidance courses; consent of instructor; may be repeated for credit.

Eng 101 EXPOSITORY WRITING (3)  
Training in analysis of expository essays; introduction and practice of principal expository procedures, including assertion, exemplification, definition, classification.

Eng 102 EXPOSITORY WRITING (3)  
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. 101-102 or 105 is prerequisite to all sophomore literature courses.

Eng 150 MAJOR WORKS OF BRITISH LITERATURE (3)  
Middle Ages to 1800.

Eng 336 INTRODUCTION TO LITERARY PROBLEMS (2)  
Critical evaluation of the genres of literature, of various modes of analysis, and of problems involved in literary perception.
Eng 490 20TH-CENTURY BRITISH NOVEL (3)  Stocking

Hist 379 REPRESENTATIVE AMERICANS (3)  Warsh
Series of biographical sketches of leading characters in American history from the Revolution to the present.

Hist 446 HISTORY OF FRANCE (3)  Smuck
Major political, social, economic, and intellectual trends in evolution of France.

Math 124 PRE-CALCULUS MATHEMATICS (4)  Hwang
Basic operations; algebraic functions and equations; trigonometric functions; lines, circles. Pre: two years of high school algebra and 1 year of plane geometry or consent of department.

Mus 160 INTRODUCTION TO MUSIC LITERATURE (3)  Fuller
Styles and forms of Western music. From the listener's point of view. Lab section required.

Mus 450 MUSIC FOR ELEMENTARY TEACHERS (3)  Fuller
Continuation of 150 with emphasis upon sight singing, melodic and rhythmic dictation, and basic harmony. Pre: 150 or equivalent. Not open to music majors.

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

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

Phil 200 INTRODUCTION TO LOGIC (3)  J. Kanno
Principles of modern deductive logic.

PolSc 110 INTRODUCTION TO POLITICAL SCIENCE (3)  Markey
Role of government in modern society. Types and practices of government; processes of political change; citizen participation.

PolSc 325 TOPICS IN INTERNATIONAL RELATIONS: SINO-SOVIET (3)  J. E. White

PolSc 325 TOPICS IN INTERNATIONAL RELATIONS: RUSSO-JAPANESE (3)  J. E. White

Psy 320 DEVELOPMENTAL PSYCHOLOGY (3)  Ushijima
Emotional, mental, physical, social development from infancy to adulthood; interests and abilities at different age levels. Pre: 100 or 111.

Psy 424 ABNORMAL PSYCHOLOGY (3)  Dixon
Nature and causes of psychoneuroses and psychoses; abnormalities of intelligence; psychotherapy. Pre: 100 or 111.

Psy 600(12) LEARNING, INTELLIGENCE AND CREATIVITY (3)  Dixon

Soc 151 INTRODUCTION TO THE STUDY OF SOCIETY (3)  Yanagisako
Basic social relationships, norms, social structures and processes affecting change. Prerequisite to all advanced courses.
Soc 324 PERSONALITY AND CULTURE (3) Yanagisako
Personality as the subjective aspect of culture; function of communications; human nature and the mores; personal life organization.

Sp 110 INTRODUCTION TO GENERAL AMERICAN PHONOLOGY (2) Hicks
General American speech phonology, articulatory, rhythmic, and melodic differences between general American and Hawaii's dialect. Conferences required.

Sp 145 EXPOSITORY AND PERSUASIVE SPEAKING (3) Hicks
Instruction and practice in the analysis and preparation of the expository and persuasive public discourse. Prerequisite to all speech courses with higher number.
APPLICATION FOR ADMISSION
UNIVERSITY OF HAWAII SUMMER SESSION
HONOLULU, HAWAII

1. Name in full (Please type or print):

   Last               First               Middle

2. Social Security Number:

3. Address (Please type or print):

   Number and Street

   City               State               ZIP Code

4. Please check one of the categories listed below. Applicants who do not fit any of the categories may request consideration for admission by submitting, in addition to this application, transcripts from the schools they previously attended, or other evidence of ability to pursue university-level work.

   ............... I am a graduate of the college or university listed below.
   ............... I am a student in good standing at the college or university listed below.
   ............... I was in good standing at the last college or university that I attended, which is listed below.
   ............... I am on scholastic probation, but I am eligible for continued registration at the college or university listed below.
   ............... I have never attended a college or university before, but I have been accepted for admission at the college or university listed below.

5. The college or university referred to above is:

   Name of college or university

   City               State

6. I certify that the information given above is true and I understand that my admission and registration will be cancelled and all fees will be forfeited and I will not receive any credit or credits if the information I have given is not true.

   Applicant's signature

   Date

Send completed application to:

Office of Admissions and Records
125 Bachman Hall
2444 Dole Street
University of Hawaii
Honolulu, Hawaii 96822