### CALENDAR

#### JUNE

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**REGULAR SESSION (six weeks)**
- June 24, Monday: Registration
- June 25, Tuesday: Classes begin
- July 4, Thursday: Holiday
- August 2, Friday: Regular session ends

**POSTSESSION (three weeks)**
- August 2, Friday: Registration
- August 5, Monday: Classes begin
- August 23, Friday: Postsession ends

**FIRST FIVE-WEEK TERM (for Accounting S 100 and S 400; Chinese S 101, S 103, S 151, S 153, S 209, S 211, and S 417; French S 101 and S 151; German S 101 and S 151; Hawaiian S 101; Hindi S 101 and S 151; History S 151 and S 433; Indonesian S 101 and S 151; Japanese S 101, S 103, S 151, S 153, S 209, S 211, S 401, and S 417; Korean S 101; Latin S 101; Russian S 101; Spanish S 101 and S 151; Tagalog S 151; Thai S 151)**
- June 24, Monday: Registration
- June 25, Tuesday: Classes begin
- July 4, Thursday: Holiday
- July 28, Friday: First term ends

**SECOND FIVE-WEEK TERM (for Accounting S 101 and S 401; Chinese S 102, S 104, S 152, S 154, S 210, S 212, and S 418; French S 102 and S 152; German S 102 and S 152; Hawaiian S 102; Hindi S 102 and S 152; History S 152; Indonesian S 102 and S 152; Japanese S 102, S 104, S 152, S 154, S 210, S 212, S 402, and S 418; Korean S 102; Latin S 102; Russian S 102; Spanish S 102 and S 152; Tagalog S 152; Thai S 152)**
- July 29, Monday: Registration
- July 30, Tuesday: Classes begin
- August 30, Friday: Second term ends

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Aerial photo of University of Hawaii by Photo Hawaii.
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<td>Zoology</td>
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### POSTSESSION

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Administration and Faculty

Administration

President of the University . . . . THOMAS HALE HAMILTON, Ph.D.
Provost . . . . . . . . . . . . . . . . . . . . . . . . . . WILLARD WILSON, Ph.D.
Administrative Vice President . . . . WILLIAM M. WACHTER, M.S.
Vice President and Dean of Faculties . . . BRUCE E. WHITE, Ph.D.
Dean of Summer Session . . . . . . . . SHUNZO SAKAMAKI, Ph.D.
Assistant Dean of Summer Session . . . . SHIRO AMIOKA, Ph.D.

Resident Summer Faculty

JEROME AIDLIN, B.S.A. (Cleveland Institute of Art), Instructor in Art
AARON ALEXANDER, M.A. (Columbia Teachers College), Instructor in English
RICHARD S. ALM, Ph.D. (Minnesota), Professor of Education
SHIRO AMIOKA, Ph.D. (Illinois), Assistant Professor of Education
RONALD S. ANDERSON, Ph.D. (California at Berkeley), Professor of Education
WEBSTER ANDERSON, M.A. (California at Los Angeles), Associate Professor of Art
MERLE ANSBERRY, Ph.D. (Wisconsin), Professor of Speech
ALBERTA ANTHONY, B.A. (Hawaii), Instructor in Hawaiian
MITSUO AOKE, B.D. (Chicago Theological Seminary), Associate Professor of Religion
SUEKO ARAI, Teacher of Japanese Dance
PETER ARAPOFF, M.A. (University of California at Berkeley), Instructor in English
ABE ARKOFF, Ph.D. (Iowa), Associate Professor of Psychology
GEORGE T. ARTOLA, Ph.D. (Johns Hopkins), Assistant Professor of Hindi
DOROTHY B. ASPINWALL, Ph.D. (Washington), Professor of French
MARY L. BARTOW, B.A. (Washington State), Lecturer in Home Economics
MARTHA F. BEAMER, M.Ed. (Hawaii), Assistant Professor of Health and Physical Education
LESLIE R. BERGER, Ph.D. (California at Davis), Assistant Professor of Microbiology
RAOUL BERTHARD, M.A. (Aix Marseilles), Associate Professor of German
OTTO J. BEYERS, Ed.D. (Washington University), Professor of Education
GLENN L. BLACK, M.S. (California at Los Angeles), Assistant Professor of Hotel Management and Tourism
FRED W. BORGES, M.A. (Columbia), Assistant Professor of Mathematics
STEPHEN S. BRIXEY, M.A. (Oklahoma), Instructor in Mathematics
LILLIAN BROTT, B.A. (German College), Lecturer in Russian
RONALD BROWN, B.A. (Hawaii), Instructor in Chinese
WILLIAM J. BRUHN, JR., B.Ed. (Hawaii), Instructor in Health and Physical Education
ROBERT B. Buchele, Ph.D. (Chicago), Associate Professor of Management
SARAH ANN BURGESS, M.A. (Washington State), Instructor in Speech
GEORGE I. BURKETT, M.A. (Oklahoma), Instructor in French
NADIA P. Burkett, Brevet Superieur (Paris), Lecturer in French
KENNETH W. BUSHNELL, M.F.A. (Hawaii), Instructor in Art
ROBERT S. CAHILL, Ph.D. (Oregon), Assistant Professor of Government
FLOYD M. CAMMACK, Ph.D. (Cornell), Assistant Professor of Anthropology
ALBERT B. CARR, JR., Ed.D. (Columbia), Assistant Professor of Education
NORMA CARR, M.A. (Columbia), Lecturer in Spanish
JAMES C. S. CHOU, M.S. (Georgia Institute of Technology), Assistant Professor of Engineering
FRANCIS CLARK, Ed.D. (Colorado), Professor of Education
RICHARD H. CLARK, M.A. (Michigan), Assistant Professor of Mathematics
ROBERT W. CLOPTON, Ph.D. (Northwestern), Senior Professor of Education
JERRY COCHRAN, M.A. (San Francisco State), Lecturer in Education
DWAINE R. COLLINS, Ed.D. (Columbia), Professor of Education
CHARLES F. CONGDON, M.B.A. (Columbia), Assistant Professor of Business Statistics
CEDRIC B. COWING, Ph.D. (Wisconsin), Assistant Professor of History
JOHN B. CROSSLEY, Ed.D. (California at Los Angeles), Professor of Education
DAVID H. CROWELL, Ph.D. (Iowa), Professor of Psychology
ORREL DAVIS, M.A. (Northwestern), Assistant Professor of Education
A. GROVE DAY, Ph.D. (Stanford), Senior Professor of English
DAVID H. DE QUELJOE, Ed.D. (Columbia), Assistant Professor of Indonesian
VIRGINIA DERSTINE, Ph.D. (Washington), Assistant Professor of English
A. LEONARD DIAMOND, Ph.D. (Columbia), Associate Professor of Psychology
DONALD DICKINSON, M.A. (Michigan), Assistant Professor of English
RUTH M. DIEHL, M.L.S. (Illinois), Instructor in Education
JOHN M. DIGMAN, Ph.D. (Ohio State), Associate Professor of Psychology
WELDEN A. ERNEST, M.A. (Harvard), Assistant Professor of History
MARION T. EVERSON, M.F.A. (Cranbrook Academy of Art), Assistant Professor of Art

HARRY J. FRIEDMAN, Ph.D. (Pittsburgh), Associate Professor of Government

ASAKO FUJIKAWA, M.A. (Ryukoku), Instructor in Japanese

THOMAS H. FUJIMURA, Ph.D. (Columbia), Associate Professor of English

NORITO FUJIOKA, M.A. (Hawaii), Assistant Professor of Japanese

GEORGE FUJITA, Ph.D. (Minnesota), Assistant Specialist in Student Personnel

FRED M. FURUKAWA, B.S. (Hawaii), Instructor in Health and Physical Education

RAYMOND GARCIA, M.A. (Hawaii), Instructor in Mathematics

MAY K. GAY, M.A. (Columbia), Associate Professor of Health and Physical Education

MARGARET C. GILLESPIE, M.Ed. (Hawaii), Assistant Professor of Education

DOROTHY K. GILLET, B.S. (Ohio State), Instructor in Music

DORIS GLICK, Ph.D. (State University of Iowa), Instructor in English

CLARENCE E. GLICK, Ph.D. (Chicago), Professor of Sociology

KENNETH GOMPertz, M.A. (Texas), Assistant Professor of English

HENRY W. GRAYSON, Ph.D. (Toronto), Professor of Business Economics

AUGUSTUS GRIFFING, M.A. (Hawaii), Assistant Professor of English

DONALD I. GUSTUSON, Ed.D. (California at Los Angeles), Associate Professor of Health and Physical Education

FRANCIS HAAR (Hungary), National Academy of Decorative Arts, Lecturer in Photography

 Eloise D. Hayes, Ph.D. (North Carolina), Associate Professor of Education

Paula J. Hayne, M.F.A. (Ohio), Instructor in Speech

Merrill F. Heiser, Ph.D. (Wisconsin), Professor of English

Colin J. Herrick, Ph.D. (Pennsylvania), Professor of Psychology

John P. Highlander, Ph.D. (Wisconsin), Associate Professor of Speech

Claude F. Horan, M.A. (Ohio State), Professor of Art

Halla Huhm, B.S. (Jissen Women's College, Tokyo), Teacher of Korean Dance

Charles H. Hunter, Ph.D. (Stanford), Professor of History

Andrew W. S. In, Ph.D. (New York), Associate Professor of Education

Kenneth K. Inada, Ph.D. (Tokyo), Assistant Professor of Philosophy

Lewis Ingleson, B.Arch. (Southern California), Instructor in Architecture

Agnes M. S. Inn, M.A. (New York), Assistant Professor of Education

Ernest A. Jackson, M.A. (Yale), Associate Professor of French
LOWELL JACKSON, Ed.D. (Southern California), Associate Professor of Education

ESTHER JENKINS, Ph.D. (Ohio State), Assistant Professor of Education

DONALD D. JOHNSON, Ph.D. (Southern California), Professor of History

RAY W. JOHNSON, Ed.D. (Southern California), Associate Professor of Education

RONALD C. JOHNSON, Ph.D. (Minnesota), Associate Professor of Psychology

JOHN A. JONES, M.A. (Washington), Instructor in Speech

LORRAINE M. KAINA, B.S. (Hawaii), Instructor in Education

MARIAN KERR, M.M. (Oberlin), Assistant Professor of Music

ARTHUR L. KIRKPATRICK, M.A. (Illinois), Assistant Professor of Business Economics

KENNETH G. KINGREY, M.A. (California at Los Angeles), Professor of Art

MARIAN KERR, M.M. (Oberlin), Assistant Professor of Music

MUSTAFA KAMIL, M.A. (Harvard), Assistant Professor of History

KENNETH G. KINGREY, M.A. (California at Los Angeles), Professor of Art

LORENTTA KRAUSE, M.A. (Nebraska), Instructor in Speech

VICTOR KOBAYASHI, M.Ed. (Hawaii), Lecturer in Education

WILLIAM P. LEBRA, Ph.D. (Pittsburgh), Associate Professor of Anthropology

SAMUEL S. O. LEE, M.B.A. (Hawaii), Assistant Professor of Accounting

JAMES J. Y. LIU, M.A. (Bristol), Assistant Professor of Chinese

JAMES K. LOWERS, Ph.D. (California at Los Angeles), Professor of English

RICHARD S. LUM, M.Mus.Ed. (Northwestern), Instructor in Music
JOSEPH MALTBY, M.A. (Stanford), Instructor in English
ARTHUR J. MARDER, Ph.D. (Harvard), Senior Professor of History
WALTER H. MAURER, Ph.D. (Pennsylvania), Assistant Professor of Hindi
HAROLD E. McCARTHY, Ph.D. (California), Professor of Philosophy
JAMES M. MCCUTCHEON, Ph.D. (Wisconsin), Assistant Professor of History
THELMA A. McINTOSH, Ed.D. (North Texas State), Associate Professor of Education
GEORGE A. MEYER, Ph.D. (Washington), Professor of Education
JOHN MICHALSKI, M.A. (Northwestern), Assistant Professor of German
PETER P. MICKELSON, Ph.D. (Colorado), Professor of Education
KAY MIKAMI, Teacher of Japanese Music
VIRGINIA N. MILLER, M.S.S.A. (Western Reserve), Instructor in English
LEATRICE T. MIRIKITANI, M.Ed. (Hawaii), Instructor in Japanese
CHARLES A. MOORE, Ph.D. (Yale), Senior Professor of Philosophy
BERTHA MUELLER, Ph.D. (Wisconsin), Professor of German
MILLARD C. MUNDY, B.M. (College of the Pacific), Instructor in Music
THOMAS D. MURPHY, Ph.D. (Yale), Professor of History
RAMON H. MYERS, Ph.D. (Washington), Assistant Professor of Economics
WINFIELD E. NAGLEY, Ph.D. (Southern California), Professor of Philosophy
ALBERT M. NAGY, M.A. (Montclair State), Assistant Professor of Mathematics
JOYCE M. NAJITA, M.B.A. (Hawaii), Instructor in Business Mathematics
TORLEF NELSON, Ed.D. (Washington), Associate Professor of Education
PRITHWISH NEOGY, M.A. (Harvard), Associate Professor of Art
OLIVE NEWTON, M.A. (Ohio State), Instructor in English
BEN NORRIS, B.A. (Pomona), Professor of Art
ETHEL M. O'BRIEN, Ed.D. (Oregon), Assistant Professor of Health and Physical Education
MARTIN ORANS, Ph.D. (Chicago), Assistant Professor of Anthropology
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LAURA L. PIERSON, M.A. (Hawaii), Instructor in Speech
ANTHONY J. PIETRUSZKIEWICZ, B.Ed. (Hawaii), Instructor in Science
ABRAHAM PHANAIA, B.A. (Hawaii), Lecturer in Geography
PETER N. D. PIRIE, M.A. (Auckland), Assistant Professor of Geography
ROBERT E. POTTER, Ed.D. (Illinois), Associate Professor of Education
Marvin F. Poyzer, Ed.D. (Bradley), Associate Professor of Education
P. Merrell Pratt, Ph.D. (Ohio State), Associate Professor of Marketing
Siegfried Ramler, B.A. (Hawaii), Lecturer in German
Robert M. Reed, M.A. (Michigan), Associate Professor of Education
Ernst S. Reese, Ph.D. (California at Los Angeles), Assistant Professor of Zoology
Norman D. Rian, M.A. (Eastman School of Music), Professor of Music
E. Gene Ritter, Ph.D. (Missouri), Assistant Professor of Speech
Tung Chow Rollins, M.A. (Columbia), Lecturer in Chinese
R. Slamet Roosman, Doctorandus Indology (Leyden), Assistant Professor of Indonesian
Casimero Rubio, Ph.D. (Gregorian), Lecturer in Spanish
Shirley M. Ruble, M.A. (Washington), Instructor in English
Ione J. Ryan, Ed.D. (Stanford), Assistant Professor of Education
Alvin C. Saaqe, Ed.D. (New York), Professor of Health and Physical Education
John P. Saclausa, M.M. (Eastman School of Music), Instructor in Music
Richard A. Sanderson, Ph.D. (California), Assistant Professor of Education
Kyohei Sasaki, Ph.D. (Columbia), Associate Professor of Business Statistics
Gilbert Sax, Ph.D. (Southern California), Associate Professor of Education
Robert C. Schuman, M.Ed. (Hawaii), Instructor in Education
Albert J. Schutz, Ph.D. (Cornell), Assistant Professor of Speech
Friedrich Seiffert, Th.D. (Pacific School of Religion), Assistant Professor of Religion
Kap-Kyung Seo, Ph.D. (Cincinnati), Assistant Professor of Business Economics
Emma F. Sharpe, Teacher of Hawaiian Dance
James K. M. Siu, M.A. (Hawaii), Instructor in Mathematics
Barbara B. Smith, M.M. (Eastman School of Music), Professor of Music
John Solomon, M.A. (Columbia), Instructor in English
Margaret I. Spencer, M.A. (Michigan), Instructor in Chinese
John H. Spiller, M.S. (Massachusetts Institute of Technology), Assistant Professor of Mathematics
Herbert B. Stellmacher, M.B.A. (Southern Methodist), Assistant Professor of Marketing
Bruce M. Stillians, Ph.D. (State University of Iowa), Assistant Professor of English
Travis L. Summersgill, Ph.D. (Harvard), Associate Professor of English
Elaine L. Tatham, M.A. (Kansas), Instructor in Mathematics
Roland K. Tatsuguchi, M.A. (Kansas), Instructor in Japanese
Bessie Taussig, C.P.A., Assistant Professor of Accounting
Russell Taussig, Ph.D. (California), Associate Professor of Finance
Helen A. Topham, M.F.A. (Hawaii), Assistant Professor of English
Stanmore B. Townes, Ph.D. (Chicago), Professor of Mathematics
Joel Trapidio, M.A. (New York), Professor of Drama and Theatre
Leonard D. Tuthill, Ph.D. (Iowa State), Assistant Dean, Graduate School
Floyd Y. Uchima, M.Mus.Ed. (Northwestern), Instructor in Music
Oma Umbel, M.S. (New York), Associate Professor of Home Economics
Yukuo Uyehara, M.A. (Hawaii), Professor of Japanese
Pat Valentin, Teacher of Filipino Dance
Henry B. Vasconcellos, M.A. (San Jose State College), Associate Professor of Health and Physical Education
John D. Vaughan, Ph.D. (Illinois), Assistant Professor of Chemistry
Walter F. Vella, Ph.D. (California at Berkeley), Associate Professor of History
Richard W. Vine, M.M. (MacPhail College of Music), Professor of Music
Nathan S. Washton, Ed.D. (New York), Professor of Education
Herbert B. Weaver, Ph.D. (Pennsylvania), Professor of Psychology
TaeKo Wellington, M.A. (Hawaii), Instructor in Japanese
Fred West, M.A. (Columbia), Assistant Professor of English
Lothar G. Winter, Ph.D. (Freiberg), Associate Professor of Hotel Management and Tourism
Ella L. Wiswell, B.A. (Hawaii), Associate Professor of Russian
Walter A. Wittich, Ph.D. (Wisconsin), Professor of Education
George Y. M. Won, Ph.D. (Michigan State), Assistant Professor of Sociology
George K. Yamamoto, M.A. (Hawaii), Assistant Professor of Sociology
Douglas S. Yamamura, Ph.D. (Washington), Professor of Sociology
Kenneth K. Yasuda, D. Litt. (Tokyo), Assistant Professor of Japanese

Visiting Summer Faculty
Gay Wilson Allen, Ph.D., Professor and Chairman, Department of English, New York University
Irving Bernstein, Ph.D., Associate Research Historian, Institute of Industrial Relations, University of California at Los Angeles
SIDNEY W. BIJOU, Ph.D., Professor of Psychology, University of Washington

HASKELL M. BLOCK, Ph.D., Professor of Comparative Literature, Brooklyn College

MARTIN BRONFENBRENNER, Ph.D., Professor of Economics, University of Minnesota

JOHN SEILER BRUBACHER, Ph.D., Professor of Higher Education, University of Michigan

BAHADUR CHAND CHHABRA, Ph.D., Joint Director General of Archaeology in India, Museum of Archaeology

CHRIS A. DEYOUNG, Ph.D., Lecturer in Education

EDITH DOI, Ed.D., Consultant, Guidance and Counseling, Colorado State Department of Education

JAMES EARLEY, Ph.D., Professor and Chairman, Department of Economics, University of Wisconsin

WELLER B. EMBLER, M.A., Professor of English and Head, Department of Humanities, The Cooper Union

THORREL B. FEST, Ph.D., Professor and Chairman, Department of Speech, University of Colorado

MAURICE H. FOURACRE, Ph.D., Director, St. John's Development Services for Children (Washington, D.C.)

ALFRED FRANKENSTEIN, Ph.B., Music and Art Critic, San Francisco Chronicle

MURRAY CHARLES GROVES, Ph.D., Senior Lecturer in Social Anthropology, University of Auckland

EDWARD GUERRANT, Ph.D., Professor and Chairman, Department of History, Los Angeles State College

THEODORE HOFFMAN, M.A., Professor of Drama, Stanford University

W. ROBERT HOUSTON, Ed.D., Assistant Professor of Education, Michigan State University

ROBERT L. JAMES, Ph.D., Associate Professor and Head, Department of Sociology, University of Alberta

JOHN JAROLIMEK, Ph.D., Associate Professor of Education, University of Washington

MARTHA L. KING, Ph.D., Associate Professor of Elementary Education, Ohio State University

FUMIKO KOIDE, M.A., Head, Japanese Department, International Christian University (Tokyo)

DAVID KORNAHAUSER, Ph.D., Professor of Geography, State University College (New Paltz, New York)

JOSEPH LANTAGNE, Ed.D., Professor of Health and Physical Education, University of California at Santa Barbara

PRISCILLA LANTZ, M.A., Professor of Library Education, State University College, Geneseo, New York
HUGH LAUGHLIN, Ph.D., Professor of Education, Ohio State University
T’IEN-YI LI, Ph.D., Professor of History, Yale University
O. HOBART MOWRER, Ph.D., Professor of Psychology, University of Illinois
VLADIMIR J. OKULITCH, Ph.D., Professor and Head, Department of Geology, University of British Columbia
CLINTON V. OSTER, Ph.D., Professor of Economics, Ohio State University
GARLAND C. OWENS, Ph.D., Professor of Accounting, Graduate School of Business, Columbia University
JUDSON B. PEARSON, Ph.D., Director, Bureau of Sociological Research, University of Colorado
STEFAN A. RIESENFELD, S.J.D., Professor, School of Law, University of California at Berkeley
HAROLD SAUNDERS, Ph.D., Professor of Sociology, State University of Iowa
WILLIAM A. SCOTT, Ph.D., Professor of Psychology, University of Colorado
HARRY F. SILBERMAN, Ed.D., Associate Professor of Educational Psychology, University of California at Los Angeles
PHILIP G. SMITH, Ph.D., Associate Professor of Philosophy of Education, Indiana University
TOSHIKO TAKAEZU, Faculty, Cleveland Institute of Art
VIOLA THEMAN, Ph.D., Professor of Education, Northwestern University
STUART C. TIEDEMAN, Ph.D., Professor of Education, Drake University
JOHN TURNER, Ph.D., Professor of Government, University of Minnesota
LAWRENCE L. VANCE, Ph.D., Professor of Accounting, University of California at Berkeley
NATHAN WASHTON, Ph.D., Chairman, Department of Science and Mathematics Education, Queens College (New York)
CHARLES GILBERT WRENN, Ph.D., Professor of Educational Psychology, University of Minnesota
CHITOSHI YANAGA, Ph.D., Professor of Political Science, Yale University
The University of Hawaii

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

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

The University of Hawaii is accredited by the Western College Association. Its classes are open to all academically qualified men and women, regardless of race, nationality, or religion. It has chapters of the national honor societies Phi Beta Kappa (liberal arts and sciences), Phi Kappa Phi (general scholarship), Sigma Xi (sciences), Phi Delta Kappa (education), Sigma Pi Sigma (physics), Omicron Delta Kappa (scholarship and leadership in activities), Chi Epsilon (civil engineering), and Delta Sigma Rho (forensics).
Summer Sessions

ADMISSION. Persons wishing to take courses for credit must present satisfactory evidence of ability to do university work. Graduate and undergraduate students in good standing at colleges or universities other than the University of Hawaii may submit either a transcript of their college records or a special printed certificate properly filled out by the Registrar or Dean of their institution. Copies of this certificate may be obtained from the office of the Dean of Summer Session. One is enclosed with each summer session catalogue sent to a person outside Hawaii. High school graduates who have been accepted for matriculation in an accredited college or university may submit the aforementioned certificate. Teachers in service may have the certificate signed and their degrees verified by their superintendent or comparable supervising official. Admission to the summer session does not carry with it a guarantee of admission to the regular sessions of the University.

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

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

VETERANS. The University of Hawaii is authorized to enroll veterans under Public Laws 550, 634, and 894. Students registering for the first time under these Laws should bring with them their Certificate for Education and Training.
SCHEDULE CHANGES. The University reserves the right to make changes in faculty assignments and in time schedules, to cancel any course that does not draw adequate registration, and to set maximum limits for enrollment in certain classes. A final mimeographed schedule of courses, including changes made after the publication of the catalogue, will be available at registration time.

STUDENT PROGRAMS. Undergraduate students in the six-week summer session are ordinarily limited to a maximum program of six credit hours. In exceptional cases, seven credit hours may be carried if approved by the appropriate college dean or, in the case of transient students, by the Dean of Summer Session. Eight credit hours may be carried only if the student needs that number to complete his requirements for a bachelor's degree or a certificate, and only upon the approval of his college dean or of the Dean of Summer Session. During the postsession, student programs are limited to a maximum of four credit hours. Courses being taken concurrently in the College of General Studies are included in computation of total credits carried.

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

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

Graduate students may carry seven credits during the six-week session. The approval of the Dean of the Graduate School, or the Dean of Summer Session in the case of transient students, is necessary for any heavier course load. The Graduate School Bulletin lists courses acceptable for graduate credit.

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

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

Students registering for the second five-week term will be issued the requisite materials at the Records Office in Bachman Hall between 9:00 a.m. and 11:30 a.m. on Monday, July 29, without alphabetical time groupings.
Registration for the postsession will take place on Friday, August 2, between 1:00 p.m. and 4:00 p.m. Students will be issued registration materials at the Records Office in Bachman Hall without alphabetical time groupings.

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

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

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

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

**TUITION AND FEES.** The registration fee is $10.00. The tuition fee is $10.00 per credit hour and must be paid by all persons who register for courses either for credit or as auditors. There is no additional charge for nonresidents. Laboratory and other fees are charged for certain courses, as stated in this catalogue or in the mimeographed schedule of courses issued at registration time. An activity-and-health fee of $2.00 must be paid by all students taking courses that begin on or before July 9, 1962.

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

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

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

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

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

GRADES AND EXAMINATIONS. Final examinations are given in all
courses unless other methods of grading are authorized by the Dean of
Summer Session. The final examination is given at the last scheduled meet­
ing 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 com­
plete all the work and examinations required by their instructors, attend
classes regularly until the end of each course, and hand in all assignments
by that time. No part of the work may be continued beyond the end of
the session or term.

The grading system is the same as in the regular sessions: A, excellent;
B, good; C, fair; D, barely passing; F, Failure. The grade “I” (incomplete)
is not normally used in summer session.

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

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

TRANSCRIPTS. A student who requests the Office of Admissions and Records to send a transcript of his work to another institution is not required to pay for the first copy but is charged $1.00 for each subsequent copy. If a student’s records indicate an indebtedness to the University, such as unpaid library or parking fines and the like, his transcript will carry the following notation: “Denied further registration. See Discipline file.”

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

**Summer Session Notes**

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

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

- **Anthropology:** Oceania; The Ryukyus; Ancient Indian Civilization; Japan; Language and Culture in Asia.
- **Art:** Arts of the Pacific; Medieval Art of Orissa, India.
- **Asian Studies:** Summer Institute on Asian Studies; Study Tour of the Orient.
- **Asian and Pacific Languages:** Chinese; Hawaiian; Hindi; Indonesian; Japanese; Korean; Sanskrit (Literature); Tagalog; Thai.
- **Economics:** Current Economic Problems of Asia and the Far East.
- **Education:** Comparative Education—The Orient; Workshop in International Education—Japan.
- **English:** Literature of the Pacific.
- **Geography:** Asia; Pacific Islands; Hawaii.
History: Southeast Asia; South Asia; Southwest Asia; China to 1800; China since 1800; Japan since 1868; Thailand; Pacific Islands from 1779; Hawaiian Islands; United States in the Pacific; Australia and New Zealand; Seminar in Chinese History.

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

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

Philosophy: Zen Buddhist Philosophy; Introduction to Chinese Philosophy.

Political Science: Politics and Diplomacy of Modern Japan.

Religion: Living Religions of Hawaii.

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

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

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

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

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

INSTITUTE OF AMERICAN STUDIES. Many secondary school teachers in the fields of history, social studies, and literature have felt a need for renewed study of the American past, in order to refresh their recollections, keep abreast of new findings, and achieve greater insight into the
meaning of the American experience for our times. With this in mind, the Third Summer Institute of American Studies will be held from June 24 to August 2. Through another grant from the Coe Foundation, 25 fellowships carrying stipends of $300.00 each will be awarded to qualified applicants. Application blanks may be obtained by writing to the Director of the Third Summer Institute of American Studies, Dr. James M. McCutcheon, Department of History, University of Hawaii, Honolulu 14, Hawaii.

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

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

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

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

STUDY TOUR OF THE ORIENT. July 1–August 14. A tour of the Far East and Southeast Asia, preceded by a week of campus lectures and other programs, will be led by Dr. Leonard D. Tuthill, Assistant Dean
of the Graduate School (see Asian Studies S 620). The tour will include Japan, Taiwan, Philippines, Thailand, Malaya (including Penang and Kuala Lumpur), Singapore, Hong Kong, and Macao. Travel arrangements will be handled by Mrs. Ruth Rittmeister, manager of the International Travel Service of Honolulu. Some undergraduates will be accepted, for undergraduate credit. Inquiries should be addressed to Dean Leonard D. Tuthill, University of Hawaii, Honolulu 14, Hawaii.

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

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

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

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

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

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

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

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

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

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

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

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

HEMENWAY HALL. Hemenway Hall, the student union building, is available for use each morning, Monday through Friday. Its services include Carnegie Concerts, current periodicals and local newspapers, table games and ping pong. Lounges and meeting rooms, a barbershop, and the University cafeteria are also located in this building. A snack bar is available in an adjoining building.
SUMMER PLAY. The University Summer Theatre will present Aristophanes' brilliant comedy *Lysistrata* during the fifth week of the session (July 24-27). All students are eligible both for acting and for backstage work; those who wish may secure academic credit for such participation by registering for *Theatre Workshop* (Drama S 250).

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

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

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

**Housing Information**

Admission to the University is made without reference to the availability of housing. Shortage of suitable accommodations for students is a problem. The University of Hawaii is at present largely a nonresident campus. There will be residence hall accommodations for 184 men and 384 women in the 1963 Summer Session. The University is located in a crowded and growing metropolis with much competition for housing from service personnel and their dependents, and tourists and local residents, as well as students. It does not have any appreciable number of large rooming or
boarding houses nearby. Though some new apartments have been recently built in the general vicinity of the University, most of them do not supply linens, bedding, dishes, etc., and the total number of apartments is not large. Rooms available to students are scattered throughout Honolulu and only a few are within short walking distance of the campus. These rooms and apartments are neither inspected nor supervised by the University.

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

**University Housing Facilities available:**

- **Frear Hall:** for undergraduate women and graduate women under 21 years of age. Capacity: 144 in double rooms.
- **John A. Johnson Hall, Building B (during summer session only):** for graduate women over 21 years of age. Capacity: 112 in double rooms.
- **Hale Laulima:** for graduate women over 45 years of age. Capacity: 18 single rooms, 3 double rooms.
- **John A. Johnson Hall, Building A:** for undergraduate and graduate men. Capacity: 80 in double rooms.
- **Gateway House: (Co-educational)**
  - **Tower for women:** for graduate and upper-division women. Capacity: 104 in double rooms.
  - **Tower for men:** for graduate and upper-division men. Capacity: 104 in double rooms.

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

There are no facilities on campus for married couples.

Residence hall facilities are not available during the postsession.

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

Women Students: Most landlords seem to prefer to rent to men students, feeling perhaps that fewer responsibilities are involved. Most women students, 18 to 35, have had to turn to apartments listed in the want-ads of local papers. For women students over 35, there are some listings of rooms in private homes and apartments to share with others.
Men Students: The Y.M.C.A. operates a dormitory for men adjacent to the University campus. For information, write to the Director, Charles Atherton House, 1810 University Avenue, Honolulu 14, Hawaii.

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

MEALS. The University provides food service as follows:

**Hemenway Hall Cafeteria**
- Breakfast: 7:00–8:30 Monday through Friday
- Lunch: 11:00–1:15 Monday through Friday

**Hemenway Snack Bar**
- 7:30–2:30 Monday through Friday

**East-West Center Cafeteria**
- Breakfast: 7:00–8:30 7 days per week
- Lunch: 11:00–1:15 7 days per week
- Dinner: 5:15–6:15 7 days per week

**East-West Center Snack Bar**
- 8:30 a.m.–9:30 p.m. 7 days per week

**Additional Information**

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

The University is located on a Honolulu Rapid Transit bus line that can take one to the center of town. There are connecting bus lines to the Waikiki beach area. Fares are five tickets for $1.00, or 25¢ cash. During the period of the summer session, special shuttle bus service between the University and the Waikiki district is available at certain hours.

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

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

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

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

CLASSROOM ATTIRE. One of the pleasant features of summer sessions in Hawaii is that professors and students are generally attired somewhat more informally than during the fall and spring semesters, and colorful "Aloha" shirts and Hawaiian dresses make the campus one of the most picturesque to be seen anywhere. It need hardly be stated, of course, that canons of good taste are expected to be observed by all.

HILO CAMPUS SUMMER SESSION. A few summer courses are offered at the University of Hawaii Hilo Campus, located in the town of Hilo, on the island of Hawaii, some 200 miles from Honolulu. The courses are intended primarily for residents of the island of Hawaii.
Courses Offered

Courses numbered 100 to 199 are intended primarily for freshmen and sophomores. Those numbered 200 to 599 are intended primarily for juniors and seniors. Although these courses are open to graduate students, only those numbered from 400 to 599 carry graduate credit. Courses numbered 600 to 799 are primarily for graduate students. The number of semester credit hours carried by each course is listed in parentheses immediately after the title of the course.

During the regular six-week session most classes will be held according to the following schedule:

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<tr>
<th>50-MINUTE CLASSES</th>
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<td>7:45–8:35</td>
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Anthropology

S 150 INTRODUCTION TO ANTHROPOLOGY (3)  
Orns
Man’s biological evolution; archaeological history from the Stone to the Iron Age; patterned lifeways of tribal and folk societies throughout the world.  
Daily 11:35–12:50

S 202 INTRODUCTION TO LINGUISTICS (2)  
Cammack
The nature and workings of language, and its role in culture and history.  
Daily 9:10–10:00

S 250 OCEANIA (2)  
Groves
Survey of racial origins, languages, and cultural institutions of aboriginal Australia, Melanesia, Micronesia, Polynesia. Prerequisite: Anth 150 or 200, or consent of instructor.  
Daily 7:45–8:35

S 325 FOLKLORE (2)  
Kirtley
Unwritten literature in preliterate and literate societies. Myth and legend in socialization and as sanctions for custom. Prerequisite: Anth 150 or 200, or consent of instructor.  
Daily 9:10–10:00

S 406 THE RYUKYUS (2)  
Lebra
A survey of the Ryukyuan people and their culture from prehistoric times to the present. Particular attention will be given to the family, community, kin groups, class systems, religions, values, and cultural relationships with Japan, China, and Taiwan.  
Daily 11:35–12:25
S 418 ANcient INDIAN CIVILIZATION (2)  Chhabra
Archeology and development of culture in India from the Paleolithic to A.D. 1000. Emergence of Indo-Aryans. Dravidian elements. Vedic institutions. Theology, mythology, and philosophy of Indian religion. Brahmanism, Buddhism, and Jainism. Caste and society. Law and government, commerce and communication. Handicrafts, architecture, fine arts, literature.
Daily 7:45–8:35

S 420 JAPAN (2)  Lebra
Cultural evolution of the Japanese people from prehistoric to contemporary times with emphasis on change in the family, kinship, community, and social structure. Special attention will be given to an evaluation of recent works on Japanese character and values.
Daily 10:10–11:00

S 504 APPLIED ANTHROPOLOGY (2)  Groves
The relation of anthropology to community development and human resources conservation. Use of anthropology in prediction, planning, and control. Concepts and methods. Oriented to needs of administrators, educators, social workers, and other professionals who lack anthropological training. Prerequisite: Anth 200 or equivalent.
Daily 10:10–11:00

S 520 COMPARATIVE ECONOMIC RELATIONS (2)  Orans
A comparative analysis of social organization and interaction from an economic point of view. Primary emphasis will be on social organization and interaction pertinent to production, distribution, and consumption of material goods in non-Western societies.
Daily 9:10–10:00

S 550 LANGUAGE AND CULTURE IN ASIA (2)  Schutz
The comparative analysis of selected Asian and Pacific languages, viewed in their cultural setting. A nontechnical introduction to the more intensive study of each language.
Daily 11:35–12:25

S 643 FIELD METHODS IN LINGUISTICS (2)  Schutz
Techniques for eliciting, transcribing, and arranging linguistic field data. Discussion of practical problems of recording, interviewing, and relations with linguistic informants. Special emphasis on the utilization of cultural information. Prerequisite: Anth 621, or consent of instructor.
Daily 10:10–11:00

Art

Architecture

S 375 MODERN ARCHITECTURE IN WESTERN EUROPE AND THE AMERICAS (3)  Ingleston
The development of modern architecture in Western Europe and the Americas from the advent of the Industrial Revolution to the present day. Slide lectures and field trips. Course fee $2.00.
Daily 10:10–11:25

Art

S 103 ART FUNDAMENTALS (2)  Kingrey
Background material and studio practice to stimulate understanding of the arts. Lectures, museum visits, studio work. Course fee $1.00.
Daily 10:35–12:25
S 107 DRAWING AND PAINTING (2) Kimura, Bushnell
A course for beginners and students of moderate advancement. Consideration of representation, composition, and control of media. Studio and outdoor subject matter. Course fee $1.00.
Daily 10:35–12:25 (Kimura)
10:35–12:25 (Bushnell)

S 131 VISUAL DESIGN (2) W. Anderson
Elements and principles of visual organization. This course or its equivalent is prerequisite to all advanced courses. Course fee $1.00.

S 141 CERAMICS (2) Takaæzu, Horan, Aidlin
(3 sections)
Methods and principles of creating pottery by hand. Course fee $10.00.
Daily 8:10–10:00 (Takaæzu)
10:35–12:25 (Horan)
1:30–3:20 (Aidlin)

S 142 CERAMICS (2) Takaæzu, Horan
(2 sections)
Emphasis on wheel throwing and experimentation with form and decorative techniques. Prerequisite: Art 141. Course fee $10.00.
Daily 10:35–12:25 (Takaæzu)
1:30–3:20 (Horan)

S 151 SCULPTURE (2) Aidlin
Introductory study of sculptural form. Basic techniques and problems in clay. Lectures and studio work. Course fee $10.00.
Daily 8:10–10:00

S 235 TEXTILE DESIGN (2) Everson
Execution of individual problems in design on fabrics, utilizing such media as the block print, stencil, silk screen. Prerequisite: Art 132. Course fee $7.50.
Daily 10:35–12:25

S 278 ARTS OF THE PACIFIC (3) Norris
Stylistic and aesthetic characteristics of the arts of Oceania, with particular attention paid to Hawaii. The primitive influences on modern art. Course fee $2.00.
Daily 8:45–10:00

S 311 FIGURE DRAWING (2) W. Anderson
Basic principles of drawing the human figure, including study of anatomy and articulation as a foundation of knowledge and skill. Prerequisite: Art 112. Course fee $4.00.
Daily 8:10–10:00

S 323 WATERCOLOR PAINTING (2) Norris
Daily 10:35–12:25

S 376 AMERICAN PAINTING TO THE CIVIL WAR (2) Frankenstein
The history of painting in the United States from the colonial period to the Civil War. Course fee $2.00.
Daily 9:10–10:00

S 377 AMERICAN PAINTING AFTER THE CIVIL WAR (2) Frankenstein
The history of painting in the United States from the Civil War to the present day. Course fee $2.00.
Daily 11:35–12:25
S 415 PRINTMAKING (2) Bushnell
Printmaking: relief, intaglio, and photo process. Prerequisites: Art 112, 132, 311, or equivalent. Course fee $3.00.
Daily 8:10–10:00

S 463 ADVANCED VISUAL DESIGN (2) Kingrey
Investigation into the processes of visualization; its expression and control. Prerequisites: Art 112, 132.
Daily 10:35–12:25

S 537 RUGS AND TAPESTRY Everson
The design and execution of rugs and tapestries employing standard and experimental materials and techniques. Prerequisite: Art 137 or equivalent. Course fee $10.00.
Daily 8:10–10:00

S 783 MEDIEVAL ART OF ORISSA, INDIA (3) Neogy
Stylistic development and iconography in Orissan architecture and sculpture from the 8th to the 13th century. Course fee $2.00.
Daily 11:35–12:50

Asian Studies

S 610 ASIA (3) Kwok, Staff
An interdisciplinary study of Asian countries, with special attention to South, Southeast, and East Asia. Lectures on geography, anthropology, history, religion, philosophy, literature, art, music, economics, sociology, government. For other details see page 20.
Daily 8:45–10:00

S 611 ASIA (1) Kwok, Staff
Companion course to S 610. Weekly panel discussions, discussion sessions with guest speakers, and special evening programs. Series of events at Asian restaurants, temples, theaters. Prerequisite: membership in Summer Institute on Asian Studies. For other details, see page 20.

S 620 FIELD STUDIES: STUDY TOUR OF THE ORIENT (5) Tuthill
Lectures on campus and other programs, followed by tour of Japan, Taiwan, Philippines, Thailand, Malaya (including Penang and Kuala Lumpur), Singapore, Hong Kong, and Macao. Prerequisite: consent of instructor, preregistration. July 1–August 14.

Business Administration

Accounting

S 100 ELEMENTARY ACCOUNTING (3) Vance
Introduction to theory and practice, income determination, and asset valuation. Preparation of statements and analysis of financial data in decision making. Prerequisite: sophomore standing or consent of instructor.
First 5-week term: June 24–July 26.
MWF 10:00–12:00 Laboratory, TTh 8:00–10:20

S 101 ELEMENTARY ACCOUNTING (3) S. O. Lee
Continuation of Accounting S 100, including the accounting problems of partnerships and corporations. Three lectures and two laboratory periods. Prerequisite: Accounting 100.
Second 5-week term: July 29–August 30.
MWF 10:00–12:00 Laboratory, TTh 8:00–10:20
S 400 INTERMEDIATE ACCOUNTING (3)  
Owens  
Accounting theory and practice: Determination of income, asset valuation, generally accepted principles, corporate net worth, and preparation of financial statements. Three lectures and two laboratory periods. Prerequisite: Accounting 100–101.  
First 5-week term: June 24–July 26.  
MWF 10:00-12:00 Laboratory, TTh 8:00-10:20

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

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

S 630 SEMINAR IN AUDITING (2)  
Vance  
MWF 7:30-8:50

Business Analysis and Statistics

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

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

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

Business Economics

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

S 151 PRINCIPLES OF ECONOMICS (3)  
Kirkpatrick  
The nature, scope, and methods of economic analysis: forms of business organization, analysis of the firm and industry under varying market conditions, and the functional and personal distribution of income. The role of economic institutions such as corporations, labor unions, and government is also examined. The course
utilizes a minimum of economic methodology focusing on the broader principles and relationships. Prerequisite: BEc 150.
Daily 11:35-12:50

$ 240  
MONEY AND BANKING (3)  
(same as Economics $ 240)
The course is concerned with the principles underlying credit, money, and the monetary system of the United States, the history of banking, and the organization and operation of the various types of banking institutions. Attention is paid to the working of commercial banking and the Federal Reserve System and its goals and policies. The student is introduced to monetary theory to gain understanding of the relationship of money, credit, and banking to the economic system, and problems arising from business fluctuations.
Daily 7:20-8:35

$ 440  
MANAGERIAL ECONOMICS (3)  
Grayson
Application of economics principles and tools to the solution of business problems. These problems are of two kinds: those which can be called internal because many factors in the situation are within the control of the business company, and those which are external, involving conditions which business management cannot control but to which it must adjust. The course begins with internal problems of the firm which involve the analysis of demand, cost analysis, price policies, and non-price competition. The latter part of the course is devoted to external problems dealing with the adjustment of the firm to business fluctuations, labor conditions, and government regulations.
Daily 8:45–10:00

Finance

$ 300  
BUSINESS FINANCE (3)  
R. Taussig
A study of the forms and sources of financing business firms large and small, corporate and noncorporate. The emphasis is on financial planning and on developing judgment in formulating decisions on financial problems. Financial policies are also considered in their social, legal, and economic effects. Prerequisites: Acc 101, BEc 151.
Daily 8:45–10:00

Law

$ 300  
PRINCIPLES OF BUSINESS LAW (3)  
Law
(Formerly Law 100) The American system of jurisprudence, torts, criminal law, civil law, property, wills, intestacy, laws affecting various business organizations, and the general law of agency.
Daily 10:10–11:25

Hotel Management and Tourism

$ 101  
INTRODUCTION TO HOTEL MANAGEMENT AND TOURISM (2)  
Black
Introduction to the public housing, food service, and tourist service industries. Simplified case studies and guest lectures by industry leaders will be included.
Daily 7:45–8:35

$ 355  
STUDIES IN TOURISM (2)  
Black
Critical analysis of available concepts and generalizations concerning tourism on a world basis. Emphasis on individual research and creative thinking.
Daily 9:10–10:00

$ 200–201  
INTERNSHIP (0)  
Winter
800 hours of paid employment in the hotel or tourist industry. Employment for summer months arranged with department chairman.
Management

S 300 PRINCIPLES OF MANAGEMENT (3)  Buchele

Marketing and Foreign Trade

S 300 PRINCIPLES OF MARKETING (3)  Pratt
A broad survey course covering the consumer, retailing, wholesaling, functional analysis, marketing policies, and a critical appraisal of marketing in a governmental context. Prerequisite: BEc 151. Daily 8:45-10:00

S 400 PERSUASION IN BUSINESS (2)  Stellmacher
The applied psychology of persuasion and motivation; the pervasive role of the selling function in the American economy; some effective techniques of presentation as developed by master salesmen. Daily 10:10-11:00

S 420 ADVERTISING (3)  Stellmacher
The marketing function of advertising; visualization, copy, layout, production, media selection, research, merchandising the complete program; organization and control; economic and social aspects of advertising. Daily 7:20-8:35

Personnel and Industrial Relations

S 300 LABOR PROBLEMS (3)  Bernstein
Study of wages, hours, working conditions, employment, and other labor problems. Structure and operation of trade unions. Prerequisite: BEc 150-151 or equivalent. Daily 10:10-11:25

S 350 PERSONNEL MANAGEMENT (2)  Buchele
Application of the behavioral approach in solving management’s human relations problems. Background for a rational approach to specific techniques in establishing personnel policies. Daily 9:10-10:00

Chemistry

S 104 GENERAL CHEMISTRY (4)  Vaughan
Fundamental laws, principles, and methods. The equivalent of the second half of the academic year's course. Prerequisite: Chemistry 103. Course fee $10.00. Daily 8:30-10:00  Laboratory, MW 1:00-5:00

S 141 ELEMENTS OF ORGANIC CHEMISTRY (4)  Kiefer
Intensive course. Chemistry of carbon compounds. Prerequisite: Chemistry 104 or 106. Course fee $12.00. Daily 8:30-10:00  Laboratory, MW 1:00-5:00
Chinese

S 101 ELEMENTARY MANDARIN—CONVERSATION (3)  
An intensive course equivalent to the first semester’s work in the academic year. Conversion and sentence patterns, with emphasis on practical and social situations. One period of laboratory drill daily is required. Lab fee $3.00. First 5-week term: June 24–July 26. May be taken concurrently with S 103.  
Daily 8:10–10:00 Laboratory, daily 7:10–7:55, or 10:10–10:55

S 102 ELEMENTARY MANDARIN—CONVERSATION (3)  
Continuation of S 101; the equivalent of the second semester’s work in the academic year. Students completing this course may take Intermediate Conversational Chinese. One period of laboratory drill daily is required. Lab fee $3.00. Second 5-week term: July 20–August 30. May be taken concurrently with S 104.  
Daily 8:10–10:00 Laboratory, daily 7:10–7:55, or 10:10–10:55

S 103 ELEMENTARY MANDARIN—READING (3)  
An intensive course equivalent to a full semester’s reading course in the academic year. Training in Pai-hua reading. First 5-week term: June 24–July 26. May be taken concurrently with S 101.  
Daily 10:10–12:00

S 104 ELEMENTARY MANDARIN—READING (3)  
Continuation of S 103; the equivalent of the second semester’s work in the academic year. Second 5-week term: July 29–August 30. May be taken concurrently with S 102.  
Daily 10:10–12:00

S 151 INTERMEDIATE MANDARIN—CONVERSATION (3)  
An intensive course in more advanced conversation equivalent to a semester’s work in the academic year. One period of laboratory drill is required. Lab fee $3.00. First 5-week term: June 24–July 26.  
Daily 9:10–11:00 Laboratory, daily 8:10–8:55, or 11:10–11:55

S 152 INTERMEDIATE MANDARIN—CONVERSATION (3)  
Continuation of S 151; the equivalent of the second semester’s work in the academic year. One period of laboratory drill daily is required. Lab fee $3.00. Second 5-week term: July 29–August 30.  
Daily 9:10–11:00 Laboratory, daily 8:10–8:55, or 11:10–11:55

S 153 INTERMEDIATE MANDARIN—READING (3)  
Continuation of S 104. Selected reading of Pai-hua literature. Equivalent to the first semester’s work in the academic year. First 5-week term: June 24–July 26.  
Daily 10:10–12:00

S 154 INTERMEDIATE MANDARIN—READING (3)  
Continuation of S 153; the equivalent of the second semester’s work in the academic year. Second 5-week term: July 29–August 30.  
Daily 10:10–12:00

S 209 ADVANCED CHINESE CONVERSATION (3)  
Course conducted entirely in Chinese. Lectures, reports, discussions. Extensive use of taped samples of oral Chinese: news broadcasts, radio programs, lectures, un rehearsed conversational situations. Prerequisite: Chinese 108, or 152, or equivalent. One period of laboratory drill daily is required. Lab fee $3.00. First 5-week term: June 24–July 26.  
Daily 8:10–10:00 Laboratory, daily 7:10–7:55, or 10:10–10:55
S 210 ADVANCED CHINESE CONVERSATION (3)
Continuation of S 209. One period of laboratory drill daily is required. Lab fee $3.00.
Second 5-week term: July 29-August 30.
Daily 8:10-10:00 Laboratory, daily 7:10-7:55, or 10:10-10:55

S 211 THIRD YEAR CHINESE (3)  Liu
An intensive course equivalent to the first semester's work in the academic year.
Reading of newspapers and classics; exercise in translation. Prerequisite: Chinese 153-154, or equivalent.
First 5-week term: June 24-July 26.
Daily 8:10-10:00

S 212 THIRD YEAR CHINESE (3)  Liu
Continuation of S 211; the equivalent of the second semester's work in the academic year.
Second 5-week term: July 29-August 30.
Daily 8:10-10:00

S 417 FOURTH YEAR CHINESE (3)
Readings in advanced classical texts; the equivalent of the first semester's work in the academic year. Prerequisite: Chinese 212 or equivalent.
First 5-week term: June 24-July 26.
Daily 8:10-10:00

S 418 FOURTH YEAR CHINESE (3)
Continuation of S 417; the equivalent of the second semester's work in the academic year.
Second 5-week term: July 29-August 30.
Daily 8:10-10:00

Drama and Theatre

S 140 INTRODUCTION TO DRAMA AND THEATRE (3)  Hoffman
Reading and discussion of representative plays from Death of a Salesman to Agamemnon. Study of the plays as illustrative of changing forms in the theatre and dramatic literature.
Daily 8:45-10:00

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

S 347 MODERN STAGE PRODUCTION (2)  Hoffman
The development of the styles of the past 75 years, their present-day evaluation and future possibilities.
Daily 10:35-11:25

S 470 MOTION PICTURES AND SOCIETY (2)  Gompertz
A study of the motion picture film, past and present, and its impact on society; the film as one of the mass media; the film as art; the film versus stage and television.
Daily 9:10-10:00

Economics

S 140 INTRODUCTION TO ECONOMICS (3)  Myers
The principles of economics with applications to current economic problems. Designed for non-economics majors. Credit cannot be obtained in both this and 150.
Daily 8:45-10:00
S 150 PRINCIPLES OF ECONOMICS (3) Bronfenbrenner
(same as Business Economics S 150)
Economic analysis of production, income, prices, and distribution in the American economy.
Daily 10:10–11:25

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

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

S 410 CURRENT ECONOMIC PROBLEMS OF ASIA AND THE FAR EAST (2) Bronfenbrenner
Principles, problems, and policies of economic development in underdeveloped areas, with particular attention to Asia and Far East.
Daily 7:45–8:35

S 450 PUBLIC FINANCE (3) Oster
Government expenditures, revenues, debts, budgeting; economic effects; fiscal policy. Emphasis on federal government.
Daily 8:45–10:00

Education

Administration and Supervision

Ad S 670 SUPERVISION OF INSTRUCTION (2) Crossley
Principles of supervision and development of supervisory programs. Prerequisite: EE 622 or SE 636.
Daily 9:10–10:00

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

Ad S 673 METHODS AND MATERIALS IN ADULT EDUCATION (2) Mickelson
Use of newer methods, materials, and media in instruction of adults.
Daily 9:10–10:00

Ad S 679 SUPERVISION OF STUDENT TEACHING (2) O. Davis, Inn
(2 sections)
Principles and methods; role of the supervisor; human relations in supervision of student teaching. Prerequisite: teaching experience; consent of instructor.
Daily 9:10–10:00 (Secondary) O. Davis
11:35–12:25 (Elementary) Inn

Ad S 680 PUBLIC SCHOOL ORGANIZATION (2) Meyer, Nelson
(3 sections)
Function of the teacher in school administration; state and territorial organization of public education; Hawaii school law and State Department of Education regulations.
Daily 9:10–10:00 (Nelson)
10:10–11:00 (Meyer)
11:35–12:25 (Nelson)
Ad S 682 ADMINISTRATION OF THE ELEMENTARY SCHOOL (2)  
Curricula and programs; reports to parents, pupils, staff; plant; community relations; problems of the small school. Prerequisite: Ad 680; teaching experience.  
Daily 7:45-8:35

Ad S 683 ADMINISTRATION OF THE SECONDARY SCHOOL (2)  
Organization and administration; curriculum schedules; personnel; plant; public relations. Prerequisite: Ad 680; teaching experience.  
Daily 10:10-11:00

Educational Psychology

EP S 309 TESTS AND MEASUREMENTS (3)  
Theory and techniques of evaluation in education. Prerequisite: EE 221, S 222, or SE 230. Course fee $12.00, including $11.00 for the National Teacher Examination.  
Daily 7:20-8:35 (Sax)  
8:45-10:00 (Tiedeman)  
10:10-11:25 (Sax)  
11:35-12:50 (Tiedeman)

EP S 372 EDUCATIONAL PSYCHOLOGY (3)  
Major factors of learning and mental health as they apply to the educative process. Prerequisite: Psych 250.  
Daily 7:20-8:35  
10:10-11:25

EP S 507 REMEDIAL READING (2)  
Techniques for motivating and helping children whose reading skills are below their capacity and needs.  
Daily 7:45-8:35

EP S 510 EDUCATION OF EXCEPTIONAL CHILDREN (3)  
A basic survey course covering recognized areas of exceptionality with emphasis on retarded children.  
Daily 10:10-11:25

EP S 514 AUDIO-VISUAL MEDIA (3)  
Communication theory, the characteristics of A-V media: automated learning programs, TV, projected and opaque materials (maps and models). Course fee $4.00.  
Daily 7:45-8:35 (Sanderson)  
9:10-10:00 (Wittich)  
10:10-11:00 (Sanderson)  
(1) MTh 8:45-10:00  
(2) TF 8:45-10:00  
(3) MTh 10:10-11:25  
(4) TF 10:10-11:25  
(5) MTh 11:35-12:50

EP S 601 GUIDANCE IN THE SCHOOL (3)  
Basic principles of guidance; consideration of techniques, organization, materials, resources.  
Daily 8:45-10:00

EP S 603 SOCIOMETRY FOR CLASSROOM TEACHERS (2)  
Theory and practice in use of sociometric measures; application to group guidance techniques. Prerequisite: 1 year of teaching experience.  
Daily 11:35-12:25
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
<th>Credits</th>
<th>Description</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>EP S 605</td>
<td>PROBLEMS OF SCHOOL ADJUSTMENT (2)</td>
<td>Fouracre</td>
<td>2</td>
<td>Principles of behavior which affect human relationships in the school, with emphasis upon application to actual situations.</td>
<td>9:10-10:00</td>
</tr>
<tr>
<td>EP S 609</td>
<td>TESTS AND INVENTORIES IN GUIDANCE (2)</td>
<td>Doi</td>
<td>2</td>
<td>Tests and inventories for measuring aptitudes, interests, and modes of behavior. Prerequisite: EP 309, 601.</td>
<td>7:45-8:35</td>
</tr>
<tr>
<td>EP S 613</td>
<td>EDUCATION OF SLOW LEARNERS (2)</td>
<td>Cochran</td>
<td>2</td>
<td>Analysis of the special problems of slow learners and development of techniques and programs for serving them.</td>
<td>11:35-12:25</td>
</tr>
<tr>
<td>EP S 614</td>
<td>EDUCATION OF RAPID LEARNERS (2)</td>
<td>McIntosh</td>
<td>2</td>
<td>Analysis of special problems of rapid learners and development of techniques and programs for serving them.</td>
<td>10:10-11:00</td>
</tr>
<tr>
<td>EP S 617</td>
<td>EDUCATION OF EMOTIONALLY HANDICAPPED CHILDREN (3)</td>
<td>Fouracre</td>
<td>3</td>
<td>Identification, management, and techniques for teaching emotionally handicapped children in the public school. Also an overview of the use of the community resources in the team approach.</td>
<td>11:35-12:50</td>
</tr>
<tr>
<td>EP S 634</td>
<td>TELEVISION IN EDUCATION (3)</td>
<td>R. Reed</td>
<td>3</td>
<td>Research backgrounds, development and utilization of television in education including fundamentals of television production and teaching of television with emphasis on the utilization of television in the school. Prerequisite: EP 514 or consent of instructor. Lab fee $5.00.</td>
<td>8:45-10:00</td>
</tr>
<tr>
<td>EP S 672</td>
<td>ADVANCED EDUCATIONAL PSYCHOLOGY (3)</td>
<td>R. C. Johnson</td>
<td>3</td>
<td>Application of experimental evidence in psychology to major educational problems; the bearing of recent psychological theories upon education.</td>
<td>10:10-11:25</td>
</tr>
<tr>
<td>EP S 701(3)</td>
<td>SEMINAR IN GUIDANCE: COUNSELING (2)</td>
<td>Wrenn</td>
<td>2</td>
<td>Current issues and problems. Prerequisite: 8 credits in guidance courses.</td>
<td>11:35-12:25</td>
</tr>
<tr>
<td>EP S 701(6)</td>
<td>SEMINAR IN GUIDANCE: ADMINISTRATION (2)</td>
<td>Doi</td>
<td>2</td>
<td>Current issues and problems. Prerequisite: 8 credits in guidance courses.</td>
<td>10:10-11:00</td>
</tr>
<tr>
<td>EP S 703</td>
<td>GUIDANCE PRACTICUM (3)</td>
<td>Collins</td>
<td>3</td>
<td>Supervised experience in guidance activities in schools. Guidance majors only. Prerequisite: consent of instructor. Hrs. arr.</td>
<td></td>
</tr>
</tbody>
</table>
EP S 708 EDUCATIONAL RESEARCH METHODS (3)  
Beyers, G. Fujita  
(2 sections)  
Research techniques and thesis development. Prerequisite: EP 309; consent of instructor.  
Daily 7:20–8:35 (Fujita)  
10:10–11:25 (Beyers)  

EP S 714 ORGANIZATION OF NEW MEDIA PROGRAMS (3)  
Wittich  
Current principles and practices in the organization of programs utilizing new learning media: audio-visual, automated learning, and educational television. Prerequisite: EP 514.  
Daily 10:10–11:25  

Elementary Education  

EE S 222 PRINCIPLES OF ELEMENTARY EDUCATION (4)  
Jenkins  
A survey of the principles of elementary education for teachers with less than professional certification. Credit applies toward certificate but not toward Ed.B.; may not be taken for credit by persons who have credit in EE 220, 221.  
Daily 7:20–9:00  

EE S 225 CHILDREN'S LITERATURE (2)  
Gillespie  
Acquaintance with a wide range of children's books; criteria for judging literature on the basis of needs and interests. Prerequisite: EE 220.  
Daily, 10:10–11:00  

EE S 320 LANGUAGE ARTS, ELEMENTARY (3)  
Gillespie  
Modern approach to the teaching of language arts—reading, oral and written expression. Prerequisite: EE 220.  
Daily 11:35–12:50  

EE S 322 SOCIAL STUDIES, ELEMENTARY (2)  
Jarolimek  
Scope and organization of the social studies for the elementary school. Prerequisite: EE 220.  
Daily 7:45–8:35  

EE S 325 TRENDS IN THE TEACHING OF ARITHMETIC (2)  
Houston  
Mathematical content necessary for effective use of newer approaches; nature of number systems; introduction to the theory of numbers; basic concepts of algebra; foundations in geometry. Prerequisite: EE 220.  
Daily 10:10–11:00  

EE S 326 CREATIVE ART, ELEMENTARY (2)  
Picken  
Understanding the creative use of art materials, tools, ideas, and their sources. Prerequisite: EE 220; Art 103. Lab fee $7.50.  
Daily 10:10–12:25  

EE S 526 CREATIVE EXPRESSION IN ELEMENTARY EDUCATION (3)  
Hayes  
Study of the development of the individual child through creative drama, free rhythmic dancing, and creative music. Prerequisite: EE 220, 221; S 222, or 224.  
Daily 8:45–10:00  

EE S 620 TEACHING READING IN THE ELEMENTARY SCHOOL (2)  
Hayes, King  
(2 sections)  
Various techniques and materials for teaching reading and for improving reading skills.  
Daily 7:45–8:35 (Hayes)  
9:10–10:00 (King)
EE S 621 MODERN LANGUAGE ARTS PROGRAM, ELEMENTARY (2) Theman
Survey of research; critical examination of educational procedures in teaching the language arts. Prerequisite: basic course in teaching language arts.
Daily 7:45–8:35

EE S 622 ELEMENTARY SCHOOL CURRICULUM (2) King
Principles and techniques of curriculum improvement at the elementary school level. Resources and teaching units. Prerequisite: teaching experience.
Daily 11:35–12:25

EE S 624 THE ELEMENTARY MATHEMATICS CURRICULUM (2) Houston
Application of recent developments in mathematics, curriculum construction, and learning theory to the elementary school. Prerequisite: EE 324, teaching experience, and concurrent registration in EE S 325.
Daily 12:00–12:50

EE S 625 THE ELEMENTARY SOCIAL STUDIES CURRICULUM (2) Jarolimek
An examination and evaluation of social science content, societal values and research findings as a basis for the development and revision of social studies materials, texts, curriculum guides, and methodology. Prerequisite: EE 322 and teaching experience.
Daily 9:10–10:00

EE S 626 ART IN ELEMENTARY EDUCATION (2) Pickens
Principles of and problems in teaching art in the elementary school; current approaches in art education. Prerequisite: Art 103–104; EE 326. Lab fee $7.50.
Daily 7:20–9:35

EE S 667 CURRICULUM TRENDS IN EARLY CHILDHOOD EDUCATION (3) Theman
Study of current issues and problems in kindergarten and early elementary education with emphasis on program planning for curriculum improvement.
Daily 10:10–11:25

Health and Physical Education

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

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

HPE S 102 INDIVIDUAL AND DUAL ACTIVITIES (1) Vasconcellos, Bruhn
(4 sections)
Skill, knowledge, attitudes, and appreciation.
Daily 10:10–11:00 (Beginning Golf) Vasconcellos
10:10–11:00 (Beginning Tennis) Bruhn
11:35–12:25 (Beginning Golf) Vasconcellos
11:35–12:25 (Beginning Tennis) Bruhn

HPE S 111 INTERMEDIATE SWIMMING (1) Furukawa
For students who have met the basic requirements in swimming and desire to develop additional skills in swimming and diving. Emphasis is placed largely on mastering leg and arm stroking movements.
Daily 7:45–8:35

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HPE S 112 ADVANCED SWIMMING (1)  
For students who have met the basic and intermediate requirements in swimming and desire to develop additional skills in swimming and diving. Styles of swimming are mastered and emphasis is placed on co-ordination of parts into whole strokes for the purpose of developing ease, endurance, and versatility in the water. Prerequisite: consent of instructor.  
Daily 12:00-12:50

HPE S 114 DEVELOPMENTAL ACTIVITIES (1)  
Exercises with and without apparatus selected to meet personal needs; various forms and systems of exercise surveyed.  
Daily 9:10-10:00

HPE S 117 PRINCIPLES AND TECHNIQUES OF SELF-DEFENSE (1)  
A beginning course for men and women in the theory and practice of defending oneself. Emphasis will be placed on methods of resisting attack, escaping quickly, falling without injury, and disarming an aggressor. Various self-defense arts, such as judo, karate, kempo, kendo, and aikido will be studied.  
Daily 10:35-11:25

HPE S 124 DANCES OF HAWAII (1)  
This course is designed to acquaint the student with the background and fundamentals of the hula. Selected dances will be taught, with and without instruments. For certain advanced dances, a fee of $4.00 may be assessed for purchase of appropriate stones and bamboo sticks (pulu).  
Daily (1) 7:45-8:35 (Kaina)  
(2) 7:45-8:35 (Gay)  
(3) 7:45-8:35 (Sharpe)  
(4) 7:45-8:35 (Beamer)  
(5) 9:10-10:00 (Kaina)  
(6) 9:10-10:00 (Gay)  
(7) 9:10-10:00 (Sharpe)  
(8) 9:10-10:00 (Beamer)  
(9) 10:00-11:00 (Beamer)  
(10) 10:10-11:00 (Gay)  
(11) 10:10-11:00 (Kaina)  
(12) 10:10-11:00 (Sharpe)  
(13) 11:35-12:25 (Gay)  
(14) 11:35-12:25 (Advanced) (Sharpe)

HPE S 125 INTERMEDIATE TENNIS (1)  
For those with some experience. Improving basic skills.  
Daily 7:45-8:35

HPE S 127 INTERMEDIATE GOLF (1)  
For players with some experience on the golf course. Emphasis will be placed on improving basic skills leading to understanding of elementary principles of play in course management. Limited participation (2 round minimum) on the golf course. Green fees additional to course fees.  
MW 12:30-2:20 and F 12:30-1:20

HPE S 221 PHYSICAL EDUCATION, ELEMENTARY (2)  
Content and method for programs on the elementary school level. Adaptations to meet situations with like age groups outside school.  
Daily 11:30-1:00
**HPE S 276  CURRENT TRENDS IN HEALTH (2)**  Lantagne

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

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

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

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

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

### History and Philosophy of Education

**HP S 650  HISTORY OF EDUCATION (3)**  Potter

(2 sections)

History of Western educational thought and practice as a basis for the study of modern school problems.
Daily 7:20–8:35
8:45–10:00

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

(4 sections)

Philosophy and science in education; social, psychological, and ethical considerations essential to a philosophy of education. Prerequisite: student teaching.
Daily 7:20–8:35 (Smith)
8:45–10:00 (Brubacher)
10:10–11:25 (Smith)
11:35–12:50 (Brubacher)

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

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

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

Study of the educational problems, practices, and institutions in the countries of Asia.
Daily 8:45–10:00

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

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

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

(2 sections)

Daily 1:45–3:00 (Clopton)
1:45–3:00 (Fujita)
HP S 769 CURRENT ISSUES IN EDUCATION (2)  
Consideration of problems and issues raised in recent professional journals and books. Prerequisite: HP 660. May be repeated. MTWTh 8:45-10:00

HP S 773 WORKSHOP: INTERNATIONAL EDUCATION, JAPAN (6)  
On-the-spot workshop experience in Japan primarily for elementary and secondary teachers and college and community leaders who seek an understanding of basic problems of education in an Asian culture. This understanding will be sought primarily through an intensive study of the new national courses of studies. Each student will be asked to develop a project in a particular subject matter area covered by the course of studies, at the elementary, junior high, or senior high level, with a description of recent changes and a comparison of Japanese and American practices. Activities include lectures, discussion, panels, school visits, consultation with educational workers and leaders as well as students. June 24–August 4

Industrial Education

IE S 300 INDUSTRIAL CRAFTS—JEWELRY AND LAPIDARY PROCESSES (2)  
Design, processes and materials of jewelry making; lapidary processes and materials for polishing semi-precious gemstones; black coral polishing and mounting. Daily 7:45-8:35

IE S 401 PROBLEMS IN INDUSTRIAL EDUCATION (Var.)  
A program arranged for specialization in several technical areas. May be repeated for total of five credits. Hrs. arr.

IE S 402 IMPROVEMENT OF INSTRUCTION, INDUSTRIAL EDUCATION (Var.)  
Consideration of problems in teaching industrial education. May be repeated for total of five credits. Hrs. arr.

Library Science

LS S 310 THE LIBRARY IN TEACHING (2)  
For prospective teachers and librarians. Use of the library in classroom instruction; use of school and public library resources; teaching library skills. Daily 7:45-8:35

LS S 320 REFERENCE MATERIALS (3)  
Introduction to basic types of reference sources; their evaluation, content, use. Daily 8:45-10:00

LS S 340 CATALOGUING AND CLASSIFICATION (3)  
Introduction to the Dewey Decimal classification; dictionary cataloguing, subject headings and filing. Prerequisite: typing ability. Course fee $3.00. Daily 10:10-11:25

LS S 430 BOOK SELECTION AND READING GUIDANCE (3)  
Selection and use of school library materials in terms of the curriculum and children's needs and interests. Prerequisite: EE 225 or SE 235. Daily 11:35-12:50

Secondary Education

SE S 230 SECONDARY EDUCATION (4)  
Basic course dealing with the major problems of secondary education. Prerequisite: Psych 152. Daily 7:20-9:00
SE S 235 LITERATURE FOR ADOLESCENTS (2)  
O. Davis  
Literature for the secondary school level; helping students appreciate the significance and meaning of literature; materials suitable for varying levels of ability and interests.  
Daily 10:10-11:00

SE S 290 PARTICIPATION TEACHING (1)  
In  
Classroom experiences and discussions and analysis of such experiences. Concurrent registration with major field methods course. Prerequisite: SE 230.  
Daily Hrs. Arr.  

SE S 331 TEACHING OF READING IN INTERMEDIATE AND HIGH SCHOOL (2)  
R. Alm  
Techniques and materials for teaching reading and improving reading skills in the intermediate and high school.  
Daily 9:10-10:00

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

SE S 628 PROBLEMS OF TEACHING SCIENCE IN THE SECONDARY SCHOOLS (3)  
Washton  
A study of the principles and problems involved in the various new programs and approaches in the teaching of science in the secondary schools. Prerequisite: SE 333 and consent of instructor.  
Daily 8:45-10:00

SE S 629 INSTRUCTIONAL USES OF THE LABORATORY IN SECONDARY SCHOOL SCIENCE (2)  
Washton  
Skills and understandings in the use of the laboratory in science teaching in secondary schools. Critical evaluation of the use of the demonstration, open-ended experiments, pupil projects, and research studies. Prerequisite: SE 333 and consent of instructor.  
Daily 10:10-11:25

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

SE S 636 SECONDARY SCHOOL CURRICULUM (2)  
Meyer  
Principles and techniques of curriculum improvement at the secondary school level. Prerequisite: teaching experience.  
Daily 11:35-12:25

SE S 638 INSTRUCTIONAL MATERIALS FOR INDUSTRIAL EDUCATION (2)  
Poyzer  
Study of instructional materials and processes adaptable to various phases of industrial education including industrial arts, technical trade education and vocational education. Emphasis on design and fabrication of two and three dimensional materials such as charts, models, process displays, and projectional aids. Prerequisite: SE 346 and consent of instructor.  
Daily 9:10-10:00

Engineering

General

S 105 ENGINEERING GRAPHICS (3)  
Landstreet  
Graphic methods for space studies of points, lines, and planes, working drawings, vector graphics, development and intersections, graphs and charts, graphical algebra and calculus. Prerequisite: high school mechanical drawing.  
Daily 8:30-12:00
Civil

S 271 APPLIED MECHANICS II (3)
Kinematics and dynamics of a particle and vibrating systems. Kinetics of particles and rigid bodies. Dynamics of nonrigid systems. Prerequisite: CE 170; Math 142.
Daily 8:45–10:00

S 274 MECHANICS OF MATERIALS (3)
Daily 8:45–10:00

S 220 FLUID MECHANICS (3)
Fluid statics, kinematics of fluid flow, momentum and energy equations, flow in pipes, open channel flow. Prerequisite: CE 271 or Physics 310.
Daily 10:10–11:25

Electrical

S 102 ELECTRICAL SCIENCE (3)
Development of electrical science concepts from physics of electricity and magnetism. Prerequisite: Math 142; Physics 172.
Daily 8:45–10:00

Mechanical

S 231 THERMODYNAMICS (3)
Fundamentals of thermodynamics and their application to the efficient production and utilization of power. Prerequisite: Chem 104; Physics 174; Math 142.
Daily 8:45–10:00

English

S 101 COMPOSITION (3) (8 sections) Staff
Principles and practice of composition—expository forms. First semester. For all students qualifying in university entrance examinations.
Daily (1) 7:20–8:35
(2) 7:20–8:35
(3) 8:45–10:00
(4) 8:45–10:00
(5) 8:45–10:00
(6) 10:10–11:25
(7) 10:10–11:25
(8) 11:35–12:50

S 102 COMPOSITION (3) (8 sections) Staff
Principles and practice of composition—expository forms including research project. Second semester. Prerequisite: English 101.
Daily (1) 7:20–8:35
(2) 7:20–8:35
(3) 8:45–10:00
(4) 8:45–10:00
(5) 8:45–10:00
(6) 10:10–11:25
(7) 10:10–11:25
(8) 11:35–12:50
S 150 MAJOR WORKS OF BRITISH LITERATURE (3) Summersgill, Topham
(2 sections)
From the Middle Ages to 1800; an introductory course for sophomores.
Daily (1) 8:45–10:00 (Summersgill)
(2) 10:10–11:25 (Topham)

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

S 152 WORLD LITERATURE: TO THE RENAISSANCE (3) Embler
Major works of classical, Oriental, European, American and English literature.
Daily 8:45–10:00

S 153 WORLD LITERATURE: 1600 TO THE PRESENT (3) Fujimura
Major works of classical, Oriental, European, American and English literature.
Daily 10:10–11:25

S 155 TYPES OF EUROPEAN AND AMERICAN LITERATURE (3) West
Poetry, drama, essays, and prose fiction from the sixteenth century to the present.
A required course for sophomores in Agriculture, Business Administration, Engineering, Pre-Architecture, Recreational Leadership, and Medical Technology.
Daily 8:45–10:00

S 210 REPORT WRITING (2) Miller
Technical exposition: reports and other types of professional writing. Prerequisite: junior or senior standing.
Daily 11:35–12:25

S 212 ADVANCED EXPOSITORY WRITING (2) Topham, Ruble
(2 sections)
Expository and descriptive writing, with emphasis upon the development of idea and style.
Daily 7:45–8:35 (Topham)
10:10–11:00 (Ruble)

S 231 INTRODUCTION TO POETRY (2)
Analysis of selected English and American poems of the past and present, with emphasis on problems of communication and appreciation; a course in practical criticism.
Daily 7:45–8:35

S 444 MODERN DRAMATIC LITERATURE (3) Block
European and American, 1920 on, O'Casey to Miller.
Daily 11:35–12:50

S 445 SHORT STORY (2) Fujimura
A reading survey covering the development of the short story in English from Poe to the present.
Daily 7:45–8:35

S 457 SHAKESPEARE (3) Lowsers
Shakespeare's plays from the beginnings through Hamlet.
Daily 8:45–10:00

S 490 TWENTIETH CENTURY BRITISH LITERATURE (2) Heiser
Representative works of the leading British novelists and poets since 1900, including Maugham, Conrad, Lawrence, Forster, Joyce, Woolf, Huxley and Amis.
Daily 11:35–12:25

49
S 571 American Literature: Beginnings to Civil War (3) Stillians
A survey of American Literature from the beginnings until the Civil War with special emphasis on the following major figures: Emerson, Thoreau, Melville, Hawthorne, and Poe. (Whitman will not be included in this course.)
Daily 7:20-8:35

S 572 American Literature: Civil War to the Present (3) Allen
A survey of American Literature from the Civil War to the present. Whitman, Dickinson, Mark Twain, Crane, Dreiser are among the authors studied.
Daily 10:10-11:25

S 585 Literature of the Pacific (2) Day
The literature of the Pacific islands and Australasia: narratives of voyages and travels, translations of native folk literature, and short stories and novels by such writers as Melville, Stevenson, London, Becke, and Nordhoff and Hall.
Daily 11:35-12:25

S 590 Twentieth Century American Novel (2) Summersgill
Daily 11:35-12:25

S 592 Twentieth Century British and American Poetry (2)
Daily 9:10-10:00

S 635 Seminar in Comparative Literature: Criticism (2) Block
Theory and practice from the Renaissance through the nineteenth century in England, France, and Germany, including Sir Philip Sidney, Boileau, Pope, Voltaire, Diderot, Lessing, Samuel Johnson, Coleridge, Sainte-Beuve, Matthew Arnold, and Nietzsche.
Daily 9:10-10:00

S 780 Seminar in American Literature: Melville (2) Allen
A study of the major works, with close attention to significant criticism of Melville since 1920.
Daily 7:45-8:35

European Studies

S 620 Study Tour (5) L. D. Jackson

French

S 101 Elementary French (3) E. A. Jackson, G. Burkett
An intensive course in reading, writing, and conversation, with additional oral practice in the language laboratory; the equivalent of a full semester's work in the academic year. One period of lab drill daily is required. Lab fee $3.00.
First 5-week term: June 24-July 28.
Daily (1) 8:10-10:00 Laboratory, daily 7:10-7:55, or 8:10-8:55,
(2) 9:10-11:00 or 10:10-10:55, or 11:10-11:55
S 102 ELEMENTARY FRENCH (3)  
E. A. Jackson, G. Burkett
Continuation of S 101; the equivalent of the second semester's work in the academic year. Students completing this course with a passing grade may take Intermediate French. One period of lab drill daily is required. Lab fee $3.00.
Second 5-week term: July 29–August 30.
Daily (1) 8:10–10:00 Laboratory, daily 7:10–7:55, or 8:10–8:55, or 10:10–10:55, or 11:10–11:55

S 151 INTERMEDIATE FRENCH (3)  
N. Burkett
Reading, conversation, dictation, grammar review. Lab drill; the equivalent of a full semester's work in the academic year. One period of lab drill daily is required. Lab fee $3.00.
First 5-week term: June 24–July 26.
Daily 8:10–10:00 Laboratory, daily 7:10–7:55, or 10:10–10:55

S 152 INTERMEDIATE FRENCH (3)  
Aspinwall
A continuation of S 151; the equivalent of the second semester's work in the academic year. Students passing this course will have fulfilled the college language requirement. One period of lab drill daily is required. Lab fee $3.00.
Second 5-week term: July 29–August 30.
Daily 8:10–10:00 Laboratory, daily 7:10–7:55, or 10:10–10:55

Geography

S 151 ECONOMIC GEOGRAPHY (3)  
Kornhauser
Man's use of the earth. World patterns of physical resources, population, economic activity and development. Course fee $1.00.
Daily 10:10–11:25

S 401 WORLD GEOGRAPHIC PATTERNS (3)  
Pirie
Physical character and human use of geographic regions. For prospective teachers. Course fee $1.00.
Daily 11:35–12:50

S 541 GEOGRAPHY OF ASIA (2)  
Kornhauser
Physical regions of Asia and their human occupancy. Geographic background of current Asian problems. Course fee $1.00.
Daily 7:45–8:35

S 571 GEOGRAPHY OF THE PACIFIC ISLANDS (2)  
Pirie
Polynesia (except Hawaii), Micronesia, and Melanesia. Course fee $1.00.
Daily 9:10–10:00

S 578 GEOGRAPHY OF HAWAII (2)  
Piianaia
Regional, physical, and cultural geography. Detailed study of the people and resources. Course fee $1.00.
Daily 10:10–11:00

Geology

S 150 PHYSICAL GEOLOGY (2)  
Okulitch
Geologic work of oceans, glaciers, streams, winds; rocks and minerals; volcanoes, earthquakes, mountain building. Geology S 152 must be taken concurrently.
Daily 9:10–10:00

S 152 LABORATORY GEOLOGY (1)  
Okulitch
Identification of common minerals and rocks. Reading of topographic and geologic maps. Prerequisite: concurrent registration in Geology S 150. Lab fee $1.00.
MW 1:10–4:00
German

S 101 ELEMENTARY GERMAN (3) Ramler
An intensive course in reading, grammar, conversation, and writing; additional oral
 drill in laboratory; equivalent of a full semester's work in the academic year. One
 period of lab drill daily is required. Lab fee $3.00.
First 5-week term: June 24-July 26.
Daily 10:10-12:00 Laboratory, daily 9:10-9:55, or 12:10-12:55

S 102 ELEMENTARY GERMAN (3) Michalski
Continuation of S 101; the equivalent of the second semester's work in the academic
year. Students completing this course with a passing grade may take German 151
 or 153, or both. One period of lab drill daily is required. Lab fee $3.00.
Second 5-week term: July 29-August 30.
Daily 10:10-12:00 Laboratory, daily 9:10-9:55, or 12:10-12:55

S 151 INTERMEDIATE: INTRODUCTION TO GERMAN LITERATURE (3) Bertrand
Modern and classical authors; grammar review; conversation; laboratory drill;
equivalent of a full semester's work in the academic year. One period of lab drill
daily is required. Lab fee $3.00.
First 5-week term: June 24-July 26.
Daily 10:10-12:00 Laboratory, daily 9:10-9:55, or 12:10-12:55

S 152 INTERMEDIATE: INTRODUCTION TO GERMAN LITERATURE (3) Mueller
A continuation of S 151; the equivalent of the second semester's work in the acade-
my year. Students passing this course will have fulfilled the college language
requirement. One period of lab drill daily is required. Lab fee $3.00.
Second 5-week term: July 29-August 30.
Daily 10:10-12:00 Laboratory, daily 9:10-9:55, or 12:10-12:55

Hawaiian

S 101 ELEMENTARY HAWAIIAN (3) Anthony
An intensive course equivalent to the first semester's work in the academic year.
Emphasis on conversation with some attention to Hawaiian songs. One period of
laboratory drill daily is required. Lab fee $3.00.
First 5-week term: June 24-July 26.
Daily 8:10-10:00 Laboratory, daily 7:10-7:55, or 10:10-10:55

S 102 ELEMENTARY HAWAIIAN (3) Anthony
Continuation of S 101; the equivalent of the second semester's work in the academic
year. Students completing this course may take Intermediate Hawaiian. One period
of laboratory drill daily is required. Lab fee $3.00.
Second 5-week term: July 29-August 30.
Daily 8:10-10:00 Laboratory, daily 7:10-7:55, or 10:10-10:55

Hindi

S 101 ELEMENTARY HINDI (3) Maurer
Conversation with laboratory drill; the equivalent of the first semester's work in the
academic year. One period of laboratory drill daily is required. Lab fee $3.00.
First 5-week term: June 24-July 26.
Daily 9:10-11:00 Laboratory, daily 8:10-8:55, or 11:10-11:55
S 102 ELEMENTARY HINDI (3) Maurer
Continuation of S 101; the equivalent of the second semester's work in the academic year. One period of lab drill daily is required. Lab fee $3.00.
Second 5-week term: July 29–August 30.
Daily 9:10–11:00 Laboratory, daily 8:10–8:55, or 11:10–11:55

S 151 INTERMEDIATE HINDI (3) Artola
Continuation of S 102. Reading and conversation with laboratory drill. Equivalent to the first semester's work in the academic year. One period of laboratory drill daily is required. Lab fee $3.00.
First 5-week term: June 24–July 26.
Daily 8:10–10:00 Laboratory, daily 7:10–7:55, or 10:10–10:55

S 152 INTERMEDIATE HINDI (3) Artola
Continuation of S 151; the equivalent of the second semester's work in the academic year. One period of lab drill daily is required. Lab fee $3.00.
Second 5-week term: July 29–August 30.
Daily 8:10–10:00 Laboratory, daily 7:10–7:55, or 10:10–10:55

History

S 151 WORLD CIVILIZATION (3) Marder
A survey of the more significant political, social, economic, and intellectual factors in the development of the civilization of the world from the ancient Middle East, Greece and Rome in the West, and the ancient cultures of China, Japan, and India in the East to the seventeenth century. First 5-week term: June 24–July 26.
Daily 8:30–10:00

S 152 WORLD CIVILIZATION (3) Ernest
Continuation of the history of world civilization from the seventeenth century to the present day. Second 5-week term: July 29–August 30.
Daily 8:30–10:00

S 171 INTRODUCTION TO AMERICAN HISTORY (3) D. D. Johnson
A general survey of the evolution of America from Columbus' voyages to the present, emphasizing the political, intellectual, and social forces that have operated and that continue to guide the nation in the twentieth century.
Daily 11:35–12:50

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

S 409 RENAISSANCE AND REFORMATION, 1300–1600 (2) Ernest
Ideas and institutions in the early period of commercial and national development.
Daily 11:35–12:25

S 433 GREAT BRITAIN IN THE TWENTIETH CENTURY (2) Marder
The changing British scene in war and peace from the accession of Edward VII to the present.
Daily 10:10–11:10 June 24–July 26

S 439 AUSTRALIA AND NEW ZEALAND (2) Murphy
Major historical developments from colonization to independent nationhood; present problems and policies.
Daily 9:10–10:00
S 461 HISTORY OF THE UNITED STATES TO 1790 (2) Cowing
Expansion of Europe into the Western Hemisphere; establishment of American Independence.
Daily 7:45-8:35

S 512 HISTORY OF HISPANIC AMERICA (2) Guerrant
Political, economic, and social development of the Hispanic-American republics from colonial times to the present.
Daily 9:10-10:00

S 515 THE UNITED STATES AND HISPANIC AMERICA (2) Guerrant
Development of political and economic problems and policies in inter-American relations.
Daily 11:35-12:25

S 530 SOUTHEAST ASIA (2) Vella
History of Burma, Thailand, Laos, Cambodia, Vietnam, Malaya, Indonesia, and the Philippines since 1500, with emphasis on the impact of the west and on developments since independence.
Daily 7:45-8:35

S 532 HISTORY OF CHINA SINCE 1800 (2) Li
Response to Western culture; recent revolutionary changes.
Daily 10:10-11:00

S 547 JAPAN SINCE 1868 (2) Yanaga
A survey of Japanese political evolution since the Meiji Restoration, with particular attention to the goals of the leadership group, and the means used to control deviations from these objectives. Discussion of the nature of political institutions in the pre-World War II period, and detailed treatment of more recent developments, in the context of changing social and economic conditions.
Daily 11:35-12:25

S 549 HISTORY OF THAILAND (2) Vella
A survey of political, economic, social, and cultural developments in the Southeast Asia kingdom once known as Siam.
Daily 10:10-11:00

S 551 SOUTH ASIA (2) Kamil
A study of religious and political institutions of South Asia, taking into account its social, economic, and cultural developments. In tracing this evolution, the role of Hinduism as a unifying factor will be emphasized.
Daily 11:35-12:25

S 552 SOUTHWEST ASIA (2) Kamil
A study of religious and political institutions of Southwest Asia (from Egypt and Turkey to Afghanistan), taking into account its social, economic, and cultural developments. In tracing this evolution, the role of Islam as a unifying factor will be emphasized.
Daily 7:45-8:35

S 572 PACIFIC ISLANDS FROM 1779 (2) Murphy
Expansion of European commerce, missionary activity, settlement; effects on native peoples in Australasia, Melanesia, Micronesia, Polynesia.
Daily 11:35-12:25

S 575 THE UNITED STATES IN THE PACIFIC (2) Johnson
Growth of economic and political interests and policies in the Pacific area. Interchangeable credit: Asian, Pacific, or American.
Daily 7:45-8:35
S 577 HISTORY OF THE HAWAIIAN ISLANDS (2) Hunter
Hawaii in the Pacific: its people, customs, relations with the great powers. Emphasis on the period of the monarchy, the revolution and annexation, but with some attention to territorial problems and statehood.
Daily 9:10-10:00

S 631 SEMINAR IN UNITED STATES HISTORY (2) McCutcheon
Special problems and readings in political and social history of the United States. Hrs. arr.

S 661 SEMINAR IN CHINESE HISTORY (2) Li
Problems and reading in the political, social, and cultural history of China.
Daily 11:35-12:25

S 699 DIRECTED RESEARCH (arr.) Staff
Individual research in the same fields as in 399. Hrs. arr.

Home Economics

S 210 FOODS OF THE PACIFIC (3) Bartow, Staff
Designed to acquaint the student with the food habits, customs and cookery of nations bordering on the Pacific. Chinese, Filipino, Hawaiian, Japanese, and Korean foods will be prepared and served. One 2-hour lecture period and two ½-hour laboratory periods weekly. Prerequisite: Home Economics course in foods or previous experience in food preparation. Open to men and women, juniors, seniors, or graduates. Lab fee $20.00. Laboratory (1) TTh 10:10-12:50 Lecture: M 10:30-12:30 (2) WF 10:10-12:50

S 620 TEXTILE AND CLOTHING STUDY TOUR OF ASIA (5) Umbel
A tour of Asian countries for the specific purpose of studying textiles and clothing—their history, design, and manufacture. The tour will follow a week of orientation, including lectures and programs on the University of Hawaii campus. The tour will include Japan, Okinawa, Taiwan, Philippines, Thailand, Malaya, Singapore, and Hong Kong. Traditional and modern textiles and costumes in cultural context will be given emphasis in each country.
June 27-August 10.

Indonesian

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

S 102 ELEMENTARY INDONESIAN (3) Roosman
Continuation of S 101; the equivalent of the second semester’s work in the academic year. One period of laboratory drill daily is required. Lab fee $3.00. Second 5-week term: July 29-August 30. Daily 9:10-11:00 Laboratory, daily 8:10-8:55, or 11:10-11:55

S 151 INTERMEDIATE INDONESIAN (3) de Queljoe
Reading and conversation with laboratory drill; the equivalent of the first semester’s work in the academic year. One period of laboratory drill daily is required. Lab fee $3.00. First 5-week term: June 24-July 26. Daily 9:10-11:00 Laboratory, daily 8:10-8:55, or 11:10-11:55
Continuation of S 151; the equivalent of the second semester’s work in the academic year. One period of laboratory drill daily is required. Lab fee $3.00.
Second 5-week term: July 29–August 30.
Daily 9:10–11:00 Laboratory, daily 8:10–8:55, or 11:10–11:55

Institute of American Studies
The following courses are open only to students accepted for enrollment in the Institute. For information on the Institute, see page 20.

History S 699 DIRECTED RESEARCH (1)
Individual research in American history.
Hrs. arr.

History S 731 ADVANCED PROBLEMS AND READING IN AMERICAN HISTORY (3)
Interpretations and literature of important problems of American history.
Daily 10:10–11:25 (McCutcheon)
10:10–11:25 (Cowing)

Institute on Asian Studies
For the basic courses to be taken by all enrollees in this Institute, see S 610 and S 611 under Asian Studies. For a list of 2-credit courses, from which an additional course is to be selected, consult the Institute Director. See page 20.

Institute in Radiation Biology for High School and College Teachers
For Institute courses write to Dr. Sidney C. Hsiao, Department of Zoology, University of Hawaii, Honolulu 14, Hawaii.

Institute for Science and Mathematics Teachers
For Institute courses write to Dr. Harry Zeitlin, Department of Chemistry, University of Hawaii, Honolulu 14, Hawaii.

Institute in Science for Elementary School Supervisors and “Key” Teachers
Science S 130 MODERN SCIENCE (3)
Ed. S 523 PROBLEMS IN ELEMENTARY SCIENCE TEACHING (2)

Japanese
S 101 ELEMENTARY JAPANESE—CONVERSATION (3)
An intensive course equivalent to the first semester’s conversation course in the academic year. One period of laboratory drill daily is required. Lab fee $3.00.
First 5-week term: June 24–July 26. May be taken concurrently with S 103.
Daily (1) 9:10–11:00 Laboratory, daily 8:10–8:55, or 9:10–9:55, or 11:10–11:55, or 12:10–12:55
Continuation of S 101; the equivalent of the second semester’s work in the academic year. Students completing this course may take Intermediate Japanese—Conversation. One period of laboratory drill daily is required. Lab fee $3.00.
Second 5-week term: July 29—August 30. May be taken concurrently with S 104.
Daily (1) 9:10-11:00 Laboratory, daily 8:10-8:55, or 9:10-9:55, or (2) 10:10-12:00 11:10-11:55, or 12:10-12:55

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

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

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

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

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

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

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

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

An intensive course equivalent to the first semester’s course in the academic year. More kanji necessary for the reading of newspapers, magazines, and contemporary fiction. Prerequisite: Japanese 153—154 or equivalent.
First 5-week term: June 24—July 26.
Daily 10:10-12:00
S 212 THIRD YEAR JAPANESE (3)  Yasuda
Continuation of S 211; the equivalent of the second semester's work in the academic year.
Second 5-week term: July 29–August 30.
Daily 10:10–12:00

S 401 JAPANESE LITERATURE (2)  Uyehara
Historical analysis of Japanese thought through literature. Classics and contemporary works in English translation. Equivalent to the first semester's work in the academic year. Prerequisite: English 151 or equivalent.
June 24–July 12.
Daily 10:10–12:00

S 402 JAPANESE LITERATURE (2)  Uyehara
Continuation of S 401; equivalent to the second semester's work in the academic year.
July 15–August 2.
Daily 10:10–12:00

S 417 FOURTH YEAR JAPANESE (2)  Fujikawa
An intensive course equivalent to the first semester's work in the academic year. Selected readings in the modern literary, classical, and kambun styles. Prerequisite: Japanese 212 or equivalent; 415–416 recommended.
June 24–July 12.
Daily 8:10–10:00

S 418 FOURTH YEAR JAPANESE (2)  Fujikawa
Continuation of S 417; equivalent to the semester's work in the academic year.
July 15–August 2.
Daily 8:10–10:00

Korean

S 101 ELEMENTARY KOREAN (3)  Staff
An intensive course equivalent to the first semester's work in the academic year. Emphasis on conversation.
First 5-week term: June 24–July 26.
Daily 10:10–12:00

S 102 ELEMENTARY KOREAN (3)  Staff
Continuation of S 101; the equivalent of the second semester's work in the academic year.
Second 5-week term: July 29–August 30
Daily 10:10–12:00

Latin

S 101 ELEMENTARY LATIN (3)  Pavlantos
Intensified course in vocabulary and grammar with reading of simple Latin. Will satisfy prerequisite for French 471 and Spanish 471.
First 5-week term: June 24–July 26.
Daily 11:00–12:50

S 102 ELEMENTARY LATIN (3)  Pavlantos
Continuation of S 101; the equivalent of the second semester's work in the academic year. Students completing this course with a passing grade may take Intermediate Latin.
Second 5-week term: July 29–August 30.
Daily 11:00–12:50
Mathematics

S 101 INTERMEDIATE ALGEBRA (3)  
Brixey  
(2 sections)  
Daily 7:20–8:35  
8:45–10:00

S 102 PLANE TRIGONOMETRY (3)  
Nagy, Staff  
(3 sections)  
Prerequisite: two years of high school algebra or Math 101; one year of plane geometry.  
Daily 7:20–8:35 (Nagy)  
8:45–10:00 (Nagy)  
8:45–10:00 (Staff)

S 103 COLLEGE ALGEBRA (3)  
Spiller, Staff  
(4 sections)  
Prerequisite: credit or concurrent registration in Math 102.  
Daily 7:20–8:35 (Spiller)  
7:20–8:35 (Staff)  
8:45–10:00 (Spiller)  
8:45–10:00 (Staff)

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

S 112 COLLEGE ALGEBRA AND TRIGONOMETRY (3)  
Tatham  
Unified treatment of elementary mathematics through the consideration of the fundamental concepts of number, set, and function. Prerequisite: Math 111 or equivalent.  
Daily 7:20–8:35

S 113 CONCEPTS OF ANALYTIC GEOMETRY AND CALCULUS (3)  
Borges  
Analytic geometry and calculus with emphasis on the fundamental notions and their implications. Prerequisite: Math 112 or equivalent.  
Daily 7:20–8:35

S 114 CONCEPTS OF ANALYTIC GEOMETRY AND CALCULUS (3)  
Borges  
Analytic geometry and calculus with emphasis on the fundamental notions and their implications. Prerequisite: Math 112 or equivalent.  
Daily 8:45–10:00

S 140 ANALYTIC GEOMETRY AND CALCULUS I (3)  
Clark, Staff  
(3 sections)  
Topics of analytic geometry and calculus which supplement each other. Prerequisite: Math 102.  
Daily 7:20–8:35 (Clark)  
8:45–10:00 (Staff)  
8:45–10:00 (Staff)

S 141 ANALYTIC GEOMETRY AND CALCULUS II (3)  
Siu  
(2 sections)  
Continuation of Mathematics 140 with emphasis on the integral calculus. Prerequisite: Math 140.  
Daily 7:20–8:35  
8:45–10:00
**S 142  CALCULUS III (3)**  
Techniques of integration with applications. Prerequisite: Math 141.  
Daily 7:20-8:35

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

**S 421  INTRODUCTION TO MODERN ALGEBRA (3)**  
Matrices, determinants, groups, properties of number systems, and the theory of fields. Prerequisite: Math 133 or 143.  
Daily 7:20-8:35

**S 422  MATRICES AND THEORY OF EQUATIONS (3)**  
Algebra of matrices, linear equations, real vector spaces and transformations. Prerequisite: Math 143.  
Daily 8:45-10:00

**Microbiology**

**S 130  MICROBES AND MAN (2)**  
A general introduction to the world of microbiology, presenting the different kinds of microorganisms and their manifold activities as they affect people and their possessions. Attention to the functions of germs in health and in disease, and the roles that microorganisms play in agriculture and industry, in the preparation of foods and beverages, and in the economy of the sea. Lectures supplemented with demonstrations and visual aids. Field trips to establishments and laboratories on Oahu which demonstrate the activities of microorganisms and man's efforts to control them. Not open to students who have had Bacteriology 151. Prerequisite: a year of high school science or its equivalent.  
Daily 10:10-11:00

**Music**

**S 111  GROUP VOICE INSTRUCTION (1)**  
Basic principles of voice production and elementary music skills in classes of twenty.  
Daily 7:45-8:35

**S 140  RECREATIONAL MUSIC (2)**  
Elementary music skills including instruction on the ukulele. For recreation majors but open to others. Not open to those who have had Music 150.  
Daily 9:10-10:00 (Mundy)  
10:10-11:00 (Lum)

**S 150  ELEMENTARY MUSICIANSHIP (3)**  
Terminology, notation, sight singing, rhythmic and melodic dictation, and ukulele instruction. For prospective teachers. Not open to those who have had Music 140.  
Daily 10:10-11:25
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
<th>Prerequisite</th>
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</thead>
</table>
| S 154      | BRASS METHODS (2)                                | Lum        | Basic skills and teaching methods for brass instruments. For students preparing to teach instrumental music.  
|            |                                                  |            | (Meeting concurrently with Music 453.) Daily 9:10–10:00                                           |
| S 160      | INTRODUCTION TO MUSIC LITERATURE (3)             | Uchima     | Orchestral literature from the classical through the modern period. From the listener's point of view. Course fee $2.00.  
|            |                                                  |            | Daily 10:10–11:00                                                                                  |
| S 171      | JAPANESE DANCE AND ITS MUSIC (1)                 | Arai       | Introduction to Japanese dance, folk and traditional. Background, demonstration, and participation. Daily 10:10–11:00 |
| S 251      | MUSIC, ELEMENTARY CURRICULUM (2)                 | Gillott    | Organization and direction of music in childhood experience. Materials and procedures. Grades 1, 2, 3. Prerequisite: Music 150; junior standing in education. Daily 7:45–9:00 |
| S 401      | ENSEMBLE MUSIC (1)                               | Pfeiffer   | (12) Vocal. May be repeated for credit. Prerequisite: consent of instructor. Daily 11:35–12:25     |
|            |                                                  |            | (71) Asian. May be repeated for credit. Prerequisite: consent of instructor. Hrs. arr.               |
| S 450      | MUSIC FOR ELEMENTARY TEACHERS (3)                | Rian       | Continuation of Music 150 with emphasis upon sight singing, melodic and rhythmic dictation, and basic harmony. Prerequisite: Music 150 or equivalent. Not open to music majors. Daily 8:45–10:00 |
| S 453      | ADVANCED BRASS METHODS (2)                       | Lum        | Advanced playing, teaching technique, and materials of brass instruments. Prerequisite: Music 154. (Meeting concurrently with Music 154.) Daily 9:10–10:00 |
| S 620      | FIELD STUDIES: MUSIC STUDY TOUR OF ASIA (5)      | Smith      | Lectures and programs on campus, followed by tour of Japan, Okinawa, Taiwan, Philippines, Thailand, Malaya, Singapore, and Hong Kong. Optional extension to Korea. Emphasis on traditional and modern music in cultural context. Includes attendance at the Fifth International Conference of the International Society for Music Education and special programs in each country. Prerequisite: consent of instructor, preregistration. June 24–August 22. |
| S 621      | ORIENTATION IN ASIAN MUSIC AND CULTURE (1)       | Smith      | A concentrated series of lectures, programs, and demonstrations in Asian culture and performing arts as background for Asian travel. Included in Music S 620, but available to others. Course fee $20.00. Hrs. arr., June 24–29. |
| S 650      | PROBLEMS IN MUSIC EDUCATION (2)                  | Rian       | Study of choral instrumental and general music at elementary and secondary school levels. Research, reports, and conferences. Prerequisite: teaching experience. Daily 10:10–11:00 |
| S 654      | PACIFIC AND ASIAN MUSIC IN EDUCATION (2)         | Gilott     | Songs, dances, musical instruments of Hawaii and Asia for grades 4, 5, 6. Prerequisite: Music 150, 251, 252, or consent of instructor. Rehearsal hours arranged. Daily 9:10–10:00 |
Applied Music

S 121(11) CLASS VOICE INSTRUCTION (1)  
Pfeiffer, Vine  
Class instruction in voice. Practice facilities in Music Building. Course fee $20.00.  
Hrs. arr.

S 121(23) CLASS KOTO INSTRUCTION (1)  
Mikami  
Class instruction in koto. Practice facilities in Music Building. Course fee $20.00.  
Hrs. arr.

S 121(72) CLASS KOREAN DANCE INSTRUCTION (1)  
Huhm  
Hrs. arr.

S 121(73) CLASS FILIPINO DANCE INSTRUCTION (1)  
Valentin  
Hrs. arr.

S 122 CLASS PIANO INSTRUCTION (1)  
Saclaua  
Class instruction in piano. Practice facilities in Music Building. Course fee $20.00.  
Daily 9:10-10:00

S 131(11) INDIVIDUAL INSTRUCTION (1)  
Vine  
Voice. For nonmusic majors, or music majors who intend it as a secondary medium of performance. May be repeated. Course fee $55.00.  
Hrs. arr.

S 131(12) INDIVIDUAL INSTRUCTION (1)  
Gillett  
Hawaiian chant. Unaccompanied and accompanied chants with instruction on the pahu (drum), ipu (gourd), pu'ili (bamboo rattle), 'uli'uli (gourd rattle), and ilili (stone castanets). Course fee $55.00.  
Hrs. arr.

S 131(21) INDIVIDUAL INSTRUCTION (1)  
Kerr, Saclaua  
Piano. For nonmusic majors, or music majors who intend it as a secondary medium of performance. May be repeated. Course fee $55.00.  
Hrs. arr.

S 131(22) INDIVIDUAL INSTRUCTION (1)  
Staff  
Organ. For nonmusic majors, or music majors who intend it as a secondary medium of performance. May be repeated. Course fee $55.00.  
Hrs. arr.

S 131(23) INDIVIDUAL INSTRUCTION (1)  
Mikami  
Koto. For nonmusic majors, or music majors who intend it as a secondary medium of performance. May be repeated. Course fee $55.00.  
Hrs. arr.

S 131(31) INDIVIDUAL INSTRUCTION (1)  
Landaman  
Strings. For nonmusic majors, or music majors who intend it as a secondary medium of performance. May be repeated. Course fee $55.00.  
Hrs. arr.

S 131(41) INDIVIDUAL INSTRUCTION (1)  
Uchima  
Woodwind. For nonmusic majors, or music majors who intend it as a secondary medium of performance. May be repeated. Course fee $55.00.  
Hrs. arr.
S 131(51) INDIVIDUAL INSTRUCTION (1)  
Lum  
Brass. For nonmusic majors, or music majors who intend it as a secondary medium of performance. May be repeated. Course fee $55.00.  
Hrs. arr.

S 135, 136, 138, 235, 236, 237, 238, 435, 635  
Staff  
Advanced individual instruction in  
(11) voice  
(12) Hawaiian chant  
(21) piano  
(22) organ  
(23) koto  
(31) string  
(41) woodwind  
(51) brass  
(61) percussion  
(71) Japanese Dance  
(72) Korean Dance  
(73) Filipino Dance  
Course number assigned after auditions with Music Department staff members.  
Course fee $55.00.  
Hrs. arr.

Philosophy

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

S 110 INTRODUCTION TO ETHICS (2)  
Moore  
Major philosophies and typical theories of the nature of the good life.  
Daily 11:35–12:25

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

S 464 ZEN BUDDHIST PHILOSOPHY (2)  
Inada  
The origin and development of Indian, Chinese, and Japanese Zen; the controversy between Hu Shih and Suzuki, Zen in classics and in poetry; the Koan and the Mondo; influences on Oriental and cultural traditions such as swordsmanship, architecture, painting, floral arrangement, and the tea ceremony. Particular attention will be given to the impact of Zen on the contemporary scene.  
Daily 7:45–8:35

S 470 INTRODUCTION TO CHINESE PHILOSOPHY (2)  
Inada  
Historical survey of the important philosophical schools and tendencies in China, ancient and modern.  
Daily 10:10–11:00

S 510 PHILOSOPHY IN LITERATURE (2)  
McCarthy  
Literary expression of philosophical ideas. Consideration of such writers as Beckett, Camus, Hemingway, Kafka, Rilke, Sartre, T. S. Eliot.  
Daily 10:10–11:00

S 520 EXISTENTIAL PHILOSOPHY (3)  
Nagley  
Survey of the main themes of European existential philosophy. Particular attention to Kierkegaard and Heidegger.  
Daily 8:45–10:00
Photography

S 100 PRINCIPLES OF PHOTOGRAPHY (2) Haar
A course designed primarily for those with very little photography experience. The history and science of photography. The camera, its construction and use; image formations; lenses, their characteristics and aberrations; shutters; film construction and use, both color and black and white; filters and their use; processing of films; printing by contact and projection. Lectures; demonstrations. Students are required to have their own cameras. Course fee $1.00.
MWF 1:00-2:15

S 200 EXPERIMENTAL PHOTOGRAPHY (2) Haar
Photography for advanced students. The camera as a tool of expression, photo-aestheticism, perception, selection, composition; objective and subjective factors in forming the image; experimental photography with lines, forms, tones, volumes, textures, and colors; experiments with light, without camera, photogram. Specializations: photo-journalism; illustration; advertising, industrial, scientific, touristic photography; portraiture. Darkroom laboratory. Course fee $1.00.
TTh 1:00-3:00

Political Science

(Government)

S 110 INTRODUCTION TO GOVERNMENT (3) Staff
Role of government in modern society. Types and practices of government; processes of political change; citizen participation. Not open to juniors or seniors.
Daily 8:45-10:00

S 380 ELEMENTS OF POLITICAL THEORY (3) Kosaki
Analysis of some of the major concepts of political theory; their statement by the major political philosophers.
Daily 10:10-11:25

S 423 CONSTITUTIONAL LAW (2) Riesenfeld
Examination of principal cases concerned with state relations, due process of law, interstate commerce, and related subjects.
Daily 9:10-10:00

S 446 GOVERNMENT AND POLITICS OF THE USSR (3) Turner
Historical, social, political, and ideological factors in the development of political institutions in the Soviet Union.
Daily 11:35-12:50

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

S 448 GOVERNMENT AND POLITICS OF GREAT BRITAIN (2) Turner
A study of political institutions in their social setting, including the working of parliament, the premiership, the bureaucracy, political parties and pressure groups; problems of power and responsibility in political decision-making; the scope and role of government in a “welfare state.”
Daily 9:10-10:00
S 500 PUBLIC ADMINISTRATION (3) Friedman
Relationship of administration to policy-forming agencies and to the courts; structure of administration; devices for integration; related materials.
Daily 11:35–12:50

S 600 CONTEMPORARY POLITICAL SCIENCE (3) Cahill
Analysis of the field, scope, and methods of political science, and its professional and academic status.
Daily 10:10–11:25

S 670 INTERNATIONAL LAW (3) Riesenfeld
Historical and theoretical investigation of the development of an international legal order.
Daily 11:35–12:50

Psychology

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

S 102 GENERAL PSYCHOLOGY (4) Herrick
Principles of human behavior. Individual differences, personality, motivation, emotion, sensing, perceiving, learning, and thinking. Not open to those who have had Psychology 104. Lab fee $1.00.
Daily 7:20–8:35 Laboratory MW 10:10–12:00, or 1:30–3:20

S 220 STATISTICAL TECHNIQUES (3) Digman
Types of data; graphic methods; central tendency; variability; correlation; reliability; tests of significance. Prerequisite: two years of high school algebra or Math 101.
Daily 8:45–10:00

S 250 DEVELOPMENTAL PSYCHOLOGY (3) Bijou
Physical, emotional, intellectual, and social development from infancy through adulthood.
Daily 8:45–10:00

S 280 PSYCHOLOGY OF ADJUSTMENT (3) Arkoff
Understanding and improving personal adjustment. Adjustment in family, school, vocation, sex, marriage, and later maturity. Not open to psychology majors.
Daily 7:20–8:35

S 306 PSYCHOLOGY OF LEARNING (3) Mowrer
The major conditions influencing learning and forgetting; the role of motivation, rewards, practice; theoretical interpretations of the learning process.
Daily 10:10–11:25

S 356 PSYCHOLOGY OF EXCEPTIONAL CHILDREN (2) R. C. Johnson
Evaluation of physical, emotional, and intellectual deviations and their effects upon the growth and development of children. Prerequisite: Psych 150 or 250.
Daily 9:10–10:00

S 362 SOCIAL PSYCHOLOGY (3) Scott
Psychology of human relations; psychological factors that determine the behavior of an individual in his social relationships.
Daily 8:45–10:00

S 372 EDUCATIONAL PSYCHOLOGY (3) Silberman
(same as Ed EP S 372) (2 sections)
Major factors of learning and mental health as they apply to the educative process. Prerequisite: Psych 250 (or 150 or 152).
Daily 7:20–8:35
10:10–11:25
S 410 HISTORY OF PSYCHOLOGY (2)  Herrick
The background of modern psychology. Origins and development of contemporary points of view. Relationship to Western thought.
Daily 10:10–11:00

S 440 PHYSIOLOGICAL PSYCHOLOGY (3)  Diamond
Physiological explanation of behavior in terms of sense organs, the nervous system, muscles, and glands.
Daily 8:45–10:00

S 450 SOCIAL DEVELOPMENT OF CHILDREN (3)  Crowell
Survey of the socialization process and acquisition of social behavior. Prerequisite: Psych 150 or 250.
Daily 7:20–8:35

S 600(6) SEMINAR: PERSONALITY (2)  Mowrer
Methods and problems of research in personality development and organization.
Daily 9:10–10:00

S 600(7) SEMINAR: SOCIAL PSYCHOLOGY (2)  Scott
Methods and problems of research in social psychology.
Daily 12:00–12:50

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

S 600(11) SEMINAR: COUNSELING (2)
New developments in rehabilitation counseling.
Daily 11:35–12:25

S 614 THEORY (2)  Diamond
Examination of current theoretical systems. Special attention to meaning and uses of theory, theory construction, and basic concepts.
Daily 11:35–12:25

S 672 ADVANCED EDUCATIONAL PSYCHOLOGY (3)  R. C. Johnson
(same as Ed EP S 672)
Application of experimental evidence in psychology to major educational problems; the bearing of recent psychological theories upon education.
Daily 10:10–11:25

S 799 PSYCHOLOGY OF REHABILITATION (3)
Principles of vocational rehabilitation; evaluation and placement of the handicapped. Psychological aspects of disability.
Daily 10:10–11:25

Religion

S 151 RELIGION AND THE MEANING OF EXISTENCE (3)  Aoki
An introduction to the basic ideas and issues of contemporary religious thought as they are related to the question, "What is the meaning of existence?" Among the issues to be discussed are the meaning of man's search for himself; the nature of man; the content of such basic concepts as God, faith, estrangement, and reconciliation.
Daily 10:10–11:25
S 201 UNDERSTANDING THE NEW TESTAMENT (2) Seifert
The origin and development of the early Christian message as set forth in the New Testament, with special attention to Jesus and Paul.
Daily 9:10–10:00

S 250 THE LIVING RELIGIONS OF HAWAII (2) Aoki
A study of the basic beliefs, practices, and contributions of the religious forces most significant in Hawaii today, including Buddhism, Shinto, Confucianism, Taoism, Judaism, and Christianity.
Daily 7:45–8:35

S 351 EXISTENTIALISM AND BIBLICAL FAITH (2) Seifert
An introduction into problems and methods of interpreting the message of the Bible on the basis of modern critical theology and existential analysis.
Daily 11:35–12:25

Russian

S 101 ELEMENTARY RUSSIAN (3) Wiswell
An intensive course in reading, writing, and conversation, with additional oral practice in the laboratory. The equivalent of a full semester’s work in the academic year. One period of lab drill daily is required. Lab fee $3.00.
First 5-week term: June 24–July 26.
Daily 10:10–12:00 Laboratory, daily 9:10–9:55, or 12:10–12:55

S 102 ELEMENTARY RUSSIAN (3) Brott
Continuation of S 101; the equivalent of the second semester’s work in the academic year. Students completing this course with a passing grade may take Intermediate Russian. One period of lab drill daily is required. Lab fee $3.00.
Second 5-week term: July 29–August 30.
Daily 10:10–12:00 Laboratory, daily 9:10–9:55, or 12:10–12:55

Sanskrit

S 401 SANSKRIT LITERATURE (2) Chhabara
Daily 10:10–11:00

Science

S 201 PRACTICAL ASTRONOMY (2) Pietruszkiewicz
Fundamentals of visual astronomy: the apparent movements and location of heavenly bodies, including the sun, moon, planets, and stars. Facts about the solar system: The sun, planets, their moons, comets, meteors; eclipses and how they are foretold; how the solar system may have been formed. Main facts about the stars: their number, magnitude, distance, brightness, color, temperature, size, and movements; variable stars. Our galaxy and other galaxies which make up an expanding universe. Star charts and how to use them. Practical uses of astronomy especially in the calendar, time, mapping, and navigation. Astronomical observations, ancient and modern, and the tools they use. Polynesian astronomy and how Pacific islanders have made practical use of the apparent position of the heavenly bodies. How astronomical knowledge has grown and what has been written about the subject.
Daily 10:10–11:00
Sociology

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

S 151 INTRODUCTION TO THE STUDY OF SOCIETY (3) Pearson
   Basic social relationship, norms, social structures, processes affecting social change. Not open to juniors or seniors.
   Daily 11:35-12:50

S 155 THE SOCIOLOGY OF SOCIAL PROBLEMS (2) Wen
   Nature of social problems, their relations to basic technological, institutional, and value structures.
   Daily 10:10-11:00

S 201 PRINCIPLES OF SOCIOLOGY (3) James
   Principles underlying the organization of social groups, communities, institutions, and ecological structures; basic processes of socialization, collective behavior, and social change. Equivalent to 151, and open to juniors, seniors, and graduates only.
   Daily 11:35-12:50

S 232 COMMUNITY FORCES IN HAWAII (3) Glick
   Basic factors and forces in contemporary society as exemplified in Hawaii. Course fee $2.00.
   Daily 8:45-10:00

S 410 POPULATION AND SOCIETY (2) Saunders
   Society analyzed in terms of the quantitative and qualitative aspects of population. Sociological aspects of birth and death rates, natural increase, mobility.
   Daily 11:35-12:25

S 446 PEOPLE AND INSTITUTIONS OF JAPAN (3) Yamamoto
   Social structure and social change in contemporary Japan. Special attention to the family, stratification, and mobility.
   Daily 10:10-11:25

S 454 RACE RELATIONS IN SOUTHEAST ASIA (2) Glick
   Analysis of typical situations of race relations in Southeast and South Asia; interracial contacts, conflicts, and accommodations; sociological aspects of miscegenation; changes in patterns of race relations with shift from colonial era to independent but underdeveloped "nonwhite" nations; effects of race relations upon personality, institutions, and social structures.
   Daily 11:35-12:25

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

S 472 THE FAMILY (2) James
   Culturally distinctive family types as background for analysis and interpretation of the American family.
   Daily 9:10-10:00

S 486 INDUSTRIAL SOCIOLOGY (3) Wen
   Daily 7:20-8:35
S 490 SOCIAL STRATIFICATION (2)  Pearson
Analysis of social class; local and national stratification patterns; social mobility in industrial and nonindustrial societies.
Daily 9:10–10:00

S 620 HAWAII AND ITS PEOPLE (5)  Yamamura
Ecological, demographic, and cultural factors in the development of the modern Hawaiian community: analysis of factors affecting the definitions of race and race relations in Hawaii; institutional structure and function with special reference to the influences of native and immigrant institutions on contemporary life in Hawaii. Field trip fee $10.00.
Daily 9:10–11:25 Field trips arranged.

Spanish

S 101 ELEMENTARY SPANISH (3)  N. Carr
An intensive course in reading, grammar, conversation, and writing; additional oral drill in laboratory; equivalent of a full semester’s work in the academic year. One period of lab drill daily is required. Lab fee $3.00.
First 5-week term: June 24–July 26.
Daily 10:10–12:00 Laboratory, daily 9:10–9:55, or 12:10–12:55

S 102 ELEMENTARY SPANISH (3)
Continuation of S 101; the equivalent of the second semester’s work in the academic year. Students completing this course with a passing grade may take Intermediate Spanish. One period of lab drill daily is required. Lab fee $3.00.
Second 5-week term: July 29–August 30.
Daily 10:10–12:00 Laboratory, daily 9:10–9:55, or 12:10–12:55

S 151 INTERMEDIATE SPANISH (3)  Rubio
Reading, conversation, laboratory drill, some grammar and composition; the equivalent of a full semester’s work in the academic year. Prerequisite: Spanish 102 or the equivalent. One period of lab drill daily is required. Lab fee $3.00.
First 5-week term: June 24–July 26.
Daily 9:10–11:00 Laboratory, daily 8:10–8:55, or 11:10–11:55

S 152 INTERMEDIATE SPANISH (3)  Rubio
A continuation of S 151; the equivalent of the second semester’s work in the academic year. Students passing this course will have fulfilled the college language requirement. One period of lab drill daily is required. Lab fee $3.00.
Second 5-week term: July 29–August 30.
Daily 9:10–11:00 Laboratory, daily 8:10–8:55, or 11:10–11:55

Speech

S 110 SOUNDS OF ENGLISH FOR PROSPECTIVE TEACHERS (1)  Pierson
(2 sections)
Sounds and rhythms of General American speech. Techniques for correction of pronunciation and improvement of rhythm. Course fee $1.00.
Daily 9:10–10:00
11:35–12:25

S 140 FUNDAMENTALS OF ORAL COMMUNICATION (2)  Jones, Hayne, Lefforge, Krause
(5 sections)
Communication for social interaction. Speech production; organization of ideas; training for mastery of speech standards. Conferences required. Course fee $1.00.
Daily 7:45–8:35 (Jones)
9:10–10:00 (Jones)
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Instructor(s)</th>
<th>Days</th>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>S 150</td>
<td>Public Speaking (3) (2 sections)</td>
<td>Lefforge, Hayne</td>
<td>Daily</td>
<td>8:45-10:00</td>
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<td>11:35-12:50</td>
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<td></td>
<td>Basic principles of speech composition and delivery; preparation and delivery of speeches with attention to principles studied; special attention to individual problems.</td>
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<tr>
<td>S 220</td>
<td>Fundamentals of Speech Correction (3)</td>
<td>Ritter</td>
<td>Daily</td>
<td>7:20-8:35</td>
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<td>Survey; observation of diagnosis and therapy.</td>
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<td>S 365</td>
<td>Speech for the Classroom Teacher (3)</td>
<td>Larson, Fest, Krause, Burgess, Klopf</td>
<td>Daily</td>
<td>7:20-8:35</td>
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<td></td>
<td>Pedagogy for the classroom teacher. Integration of speech improvement in the curriculum; speech problems of Hawaii.</td>
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<tr>
<td>S 370</td>
<td>Radio-Television Speech (3)</td>
<td>Highlander</td>
<td>Daily</td>
<td>10:10-11:25</td>
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<td>The study of speech forms and principles as adapted for the broadcasting media. Preparation of radio and television program material; performance with emphasis on microphone and camera presentation. Prerequisite: consent of instructor.</td>
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<tr>
<td>S 440</td>
<td>Semantics (2)</td>
<td>Embler</td>
<td>Daily</td>
<td>11:35-12:25</td>
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<td>Language in understanding; verbal meaning and implication; the role of assumption in interrelationships. Use of language for clarity, accuracy, and evaluation.</td>
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<tr>
<td>S 470</td>
<td>Broadcasting and the Public (2)</td>
<td>Highlander</td>
<td>Daily</td>
<td>11:35-12:25</td>
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<td></td>
<td>A study of the relationship and interaction between the broadcasting agent, government regulatory agencies, and the public. The development of bases for critical evaluation of the educational, cultural, and economic significance and impact of broadcasting. Prerequisite: consent of instructor.</td>
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<td>S 480</td>
<td>Group Leadership and Discussion (2)</td>
<td>Klopf</td>
<td>Daily</td>
<td>10:10-11:00</td>
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<td></td>
<td>Principles and techniques of effective group leadership; semantic and psychological barriers to communication. Analysis and discussion of social problems.</td>
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<tr>
<td>S 598</td>
<td>Special Problems (arr.)</td>
<td>Staff</td>
<td>Hrs. arr.</td>
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<td></td>
<td>(1) General speech education; (2) speech correction; (3) phonetics and voice science; (4) interpretation; (5) forensics, public address; (6) radio; (7) pedagogy; (8) audiology. Prerequisite: consent of instructor or recommendation of department chairman.</td>
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<tr>
<td>S 622</td>
<td>Advanced Audiology (3)</td>
<td>Ansberry</td>
<td>Daily</td>
<td>8:45-10:00</td>
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<td></td>
<td>Instrumentation; selection of hearing aids; special tests of hearing; functional versus organic hearing loss; vocational problems of hearing impaired.</td>
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</tbody>
</table>
S 623 ADVANCED PRACTICUM IN SPEECH PATHOLOGY (3)  
Ritter  
Clinical practice in diagnostic and therapeutic procedures; emphasis placed upon complex problems such as detailed special language problems, aphasia, and stuttering.  
Daily 11:35–12:50

S 624 ADVANCED PRACTICUM IN AUDIOLOGY (3)  
Ansberry  
Clinical practice in administering special tests; interpretation of audiograms; counseling of individuals with impaired hearing; use of varied rehabilitation techniques.  
Daily 11:35–12:50

S 699 RESEARCH (arr.) I, II  
Staff  
The same fields as in 598. Four credits may be earned. Prerequisite: undergraduate major in speech; consent of adviser or recommendation of department.  
Hrs. arr.

Tagalog

S 151 INTERMEDIATE TAGALOG (3)  
Staff  
Continuation of S 102. Reading and conversation with laboratory drill. One period of laboratory drill daily is required. Lab fee $3.00.  
First 5-week term: June 24–July 26.  
Daily 8:10–10:00 Laboratory, daily 7:10–7:55, or 10:10–10:55

S 152 INTERMEDIATE TAGALOG (3)  
Staff  
Continuation of S 151. One period of laboratory drill daily is required. Lab fee $3.00. Second 5-week term: July 29–August 30.  
Daily 8:10–10:00 Laboratory, daily 7:10–7:55, or 10:10–10:55

Thai

S 151 INTERMEDIATE THAI (3)  
Staff  
Reading and conversation with laboratory drill; equivalent to the first semester’s work in the academic year. One period of laboratory drill daily is required. Lab fee $3.00. First 5-week term: June 24–July 26.  
Daily 9:10–11:00 Laboratory, daily 8:10–8:55, or 11:10–11:55

S 152 INTERMEDIATE THAI (3)  
Staff  
Continuation of S 151; equivalent to the second semester’s work in the academic year. One period of laboratory drill daily is required. Lab fee $3.00. Second 5-week term: July 29–August 30.  
Daily 9:10–11:00 Laboratory, daily 8:10–8:55, or 11:10–11:55

Zoology

S 201 SCIENCE OF THE SEA (3)  
Reese  
Origin, water movements, productivity, and life of the sea, oceanographic exploration and techniques, fisheries and marine ecology. Trips to reefs and laboratories. Prerequisite: course in introductory zoology. Field trip fee $2.00.  
Daily 8:45–10:00

S 620 MARINE ECOLOGY (3)  
Staff  
Natural history, behavior, and relations of invertebrates and fishes to environment, with emphasis on coral reef fauna. Prerequisite: a course in invertebrate zoology. Lectures daily 8:45–10:00 Laboratory or field trips MW 10:10–12:00
Postsession

August 2–23

Ed Ad PS 680  PUBLIC SCHOOL ORGANIZATION (2)  R. W. Johnson
   The function of the teacher in school administration; state and local organizations of public education; Hawaii school law and Department of Education regulations. Four weeks: August 5–August 30.
   Daily 8:20–10:00

Ed EE PS 326  CREATIVE ART, ELEMENTARY (2)  Schuman
   Understanding the creative use of art materials, tools, ideas, and their sources. Prerequisite: Ed EE 220; Art 103. Course fee $7.50.
   Daily 8:10–12:25

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

HPE PS 221  PHYSICAL EDUCATION, ELEMENTARY (2)  Beamer
   (2 sections)
   Content and method for programs on the elementary school level. Adaptations to meet situations with like groups outside school will also be discussed.
   Daily 8:00–10:20
   10:30–12:50

HPE PS 230  SCHOOL HEALTH PROBLEMS (2)  O'Brien, Ryan
   (2 sections)
   Health needs of the school child and principles, methods, and materials applicable to the school health program.
   Daily 8:30–10:20 (Elementary) O'Brien
   10:30–12:20 (Secondary) Ryan

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

PSYCH PS 104  INTRODUCTION TO PSYCHOLOGY (3)  Weaver
   Similar to Psych 102 but without laboratory. Not open to those who have had 102, or to Arts and Sciences students.
   Daily 8:00–9:50
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<tr>
<th>NAME</th>
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<td>PSB 302</td>
<td>466</td>
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<td>Alm, Richard S.</td>
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