UNIVERSITY OF HAWAII. The University of Hawaii is a federal land-grant and state university. It has colleges of Arts and Sciences, Business Administration, Continuing Education and Community Service, Education, Engineering, Health Sciences and Social Welfare (including schools of Medicine, Nursing, Public Health and Social Work), and Tropical Agriculture; the Graduate Division; the School of Law; the School of Library Studies; and a system of Community Colleges. It offers the bachelor's degree in 69 fields, the master's degree in 73 and the doctorate in 34.

ADMISSION. Applicants who fit any one of the following categories need not apply for admission to the summer session ahead of time, but will be required to complete the summer Self-Certification Form (see last page of this Announcement):

1. Graduate of an accredited college or university.
2. Student currently in good standing at an accredited college or university.
3. Student who was in good standing at the last accredited college or university attended.
4. Student who was placed on scholastic suspension or was dismissed after the spring semester of 1974 from the University of Hawaii.
5. Student on scholastic probation, but eligible for continued registration at an accredited college or university.
6. Student who has never attended college or university before, but who has been accepted for admission at an accredited college or university.
7. Student currently in good standing at a local community college and enrolled in the transfer curriculum.

Applicants who do not fit any of the categories listed above are required to submit official transcripts and SAT scores along with a regular Admissions Form by April 15, 1974, to the Office of Admissions and Records, 125 Bachman Hall, 2444 Dole Street, University of Hawaii, Honolulu, Hawaii 96822. Admissions Forms are attached at the back of this Announcement.

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

TUITION AND FEES. The tuition is $20 per (semester) credit hour for resident students and $30 per credit hour for out-of-state students. An activity fee and a campus center fee are charged every student. There are no laboratory or other course fees except for applied music, institutes, and other special programs. All fees must be paid in full at registration time. No money should be sent in advance.

STUDENT HOUSING. Single and double residence hall accommodations will be available to summer session students for both summer sessions on a first-come first-served basis. Interested students should return the card attached in the center of this Announcement. A weekday board program is included which offers a choice of a 10 meal or 15 meal per week plan.

The residence halls are newly completed facilities with reasonable student rates and feature an on-campus location convenient to the Waikiki area. Since students come from all over the mainland and from many foreign countries residents can benefit from the experience of cross-cultural contacts within a group setting.

Because of rapid changes, listings of off-campus accommodations cannot be mailed out. However, students, upon arrival in Honolulu, are invited to visit the Special Housing Office in Bachman Annex 5 to obtain information on off-campus housing; negotiations with landlords of such accommodations must be made by the student.

Special seminar or conference groups can be accommodated in on-campus residence halls; address inquiries to the Conference Coordinator, Student Housing Office, Johnson Hall A, 2555 Dole St., Honolulu, Hawaii 96822.

CHANGES. The University reserves the right to make changes in curriculum and fees.

OTHER INFORMATION. Full details will be given in the 1974 summer session catalog, to be published in the spring. For a copy of the catalog, enclose $1.25 money order (for surface mail) or $2.00 money order (for air mail) and send your request to the Bookstore, University of Hawaii, 1760 Donaghho Road, Honolulu, Hawaii 96822. A final list of courses and other information will be available on registration day. Inquiries may be addressed to:

Summer Session Office
2500 Dole Street, Krauss 101
University of Hawaii
Honolulu, Hawaii 96822

UNIVERSITY OF HAWAII BULLETIN
Volume LIII December 1973 Number 1
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1974 SUMMER SESSION CALENDAR

FIRST TERM (May 28—July 5)

- May 28, Tuesday ................................................ Instruction begins
- June 11, Tuesday .............................................. Holiday
- July 4, Thursday ............................................... Holiday
- July 5, Friday .................................................. First term ends

SECOND TERM (July 8—August 15)

- July 8, Monday ................................................ Instruction begins
- August 15, Thursday ........................................... Second term ends
1974 SUMMER SESSION CALENDAR

FIRST TERM (May 28—July 5)

May 28, Tuesday .................................................... Instruction begins
June 11, Tuesday .................................................... Holiday
July 4, Thursday ..................................................... Holiday
July 5, Friday ......................................................... First term ends

SECOND TERM (July 8—August 15)

July 8, Monday ....................................................... Instruction begins
August 15, Thursday ................................................ Second term ends
<table>
<thead>
<tr>
<th>Course</th>
<th>Term 1</th>
<th>Term 2</th>
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<tbody>
<tr>
<td>Agriculture (Ag)</td>
<td>200 Agricultural Practice</td>
<td>499 Directed Study (v)</td>
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<td></td>
<td>399 Agricultural Thesis</td>
<td>699 Directed Research (v)</td>
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<tr>
<td>Agricultural Economics (AgEc)</td>
<td>699 Directed Research (v)</td>
<td>499 Directed Research (v)</td>
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<td></td>
<td>800 Thesis (v)</td>
<td>699 Directed Research (v)</td>
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<tr>
<td>Agricultural Engineering (AgEng)</td>
<td>499 Directed Research (v)</td>
<td>499 Directed Research (v)</td>
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<td>699 Directed Research (v)</td>
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<tr>
<td></td>
<td>800 Thesis (v)</td>
<td>800 Thesis (v)</td>
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<tr>
<td>Agronomy (Agron)</td>
<td>499 Directed Study (v)</td>
<td>201 Introduction to American Civilization (3)</td>
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<tr>
<td></td>
<td>699 Directed Research (v)</td>
<td>301 American Perspectives (3)</td>
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<tr>
<td></td>
<td>799 Directed Research (v)</td>
<td>422 Black Americans (3)</td>
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<td></td>
<td>800 Thesis Research (v)</td>
<td>429C The Asian-American Family (3)</td>
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<td>Animal Sciences (AnSc)</td>
<td>499 Directed Research (v)</td>
<td>439B Communication in America: Forms and Media (3)</td>
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<td>699 Directed Research (v)</td>
<td>610C The American City (3)</td>
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<td>Entomology (Ento)</td>
<td>499 Directed Study (v)</td>
<td>202 Introduction to American Civilization (3)</td>
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<td>699 Directed Research (v)</td>
<td>302 American Perspectives (3)</td>
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<td>799 Directed Research (v)</td>
<td>310 Japanese Americans (3)</td>
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<td>800 Thesis Research (v)</td>
<td>420 American Subcultures: Survey (3)</td>
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<td>Food Science and Technology (FdSc)</td>
<td>499 Directed Research (v)</td>
<td>421 American Indians (3)</td>
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<td>699 Directed Research (v)</td>
<td>620 The Ethnic Middleman (3)</td>
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<td>800 Thesis (v)</td>
<td>630 The Family in America (3)</td>
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<td>ANATOMY AND REPRODUCTIVE BIOLOGY (Anat)</td>
<td>634 Experimental Methods in the Study of Reproductive Behavior (v)</td>
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<tr>
<td>ANTHROPOLOGY (Anth)</td>
<td>150 Introduction to Anthropology (3)</td>
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<tr>
<td></td>
<td>200 Cultural Anthropology (3)</td>
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<tr>
<td></td>
<td>215 Physical Anthropology (3)</td>
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<td></td>
<td>385B Undergraduate Proseminar (3)</td>
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<td></td>
<td>460B Regional Archaeology: Asia and Pacific (3)</td>
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<tr>
<td>Course Code</td>
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<tr>
<td>150</td>
<td>Introduction to Anthropology</td>
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<td>Cultural Anthropology</td>
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<tr>
<td>210</td>
<td>Archaeology</td>
<td>3</td>
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<tr>
<td>300</td>
<td>Archaeological Field Techniques</td>
<td>3</td>
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<tr>
<td>414</td>
<td>Introduction to Linguistic Anthropology</td>
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**Second Term**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>270</td>
<td>Aspects of European and American Art</td>
<td>3</td>
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<tr>
<td>330</td>
<td>Advanced Textile Design</td>
<td>3</td>
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<tr>
<td>341</td>
<td>Advanced Ceramics</td>
<td>3</td>
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<tr>
<td>353</td>
<td>Advanced Sculpture</td>
<td>3</td>
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<tr>
<td>399</td>
<td>Directed Work (v)</td>
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<tr>
<td>402</td>
<td>Glass Blowing</td>
<td>3</td>
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<tr>
<td>630</td>
<td>Textile Design</td>
<td>3</td>
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<tr>
<td>647</td>
<td>Ceramics (v)</td>
<td></td>
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<tr>
<td>699</td>
<td>Directed Work (v)</td>
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**First Term**

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>101</td>
<td>Introduction to the Visual Arts</td>
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<tr>
<td>105</td>
<td>Elementary Studio—Ceramics</td>
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<tr>
<td>106</td>
<td>Elementary Studio—Sculpture</td>
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<tr>
<td>107</td>
<td>Elementary Studio—Photography</td>
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<tr>
<td>108</td>
<td>Elementary Studio—Drawing and Painting</td>
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<tr>
<td>113</td>
<td>Introductory Studio “A”</td>
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<tr>
<td>114</td>
<td>Introductory Studio “B”</td>
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<td>115</td>
<td>Introductory Studio “C”</td>
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<td>116</td>
<td>Introductory Studio “D”</td>
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<tr>
<td>207</td>
<td>Photography A (v)</td>
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<tr>
<td>213</td>
<td>Life Drawing</td>
<td>3</td>
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<tr>
<td>215</td>
<td>Printmaking Intaglio</td>
<td>3</td>
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<tr>
<td></td>
<td>Painting “A”</td>
<td>3</td>
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<tr>
<td></td>
<td>Painting “B”</td>
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<tr>
<td></td>
<td>Textile Design</td>
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<tr>
<td></td>
<td>Ceramics A (3)</td>
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<td></td>
<td>Ceramics B (3)</td>
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<tr>
<td></td>
<td>Sculpture (3)</td>
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<tr>
<td></td>
<td>Intermediate Sculpture A (3)</td>
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**Asian Studies (Asian)**

**First Term**

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<thead>
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<th>Course Code</th>
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<tbody>
<tr>
<td>241</td>
<td>Civilizations of Asia</td>
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<tr>
<td>242</td>
<td>Civilizations of Asia (Identical with Hist 241)</td>
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<tr>
<td>601</td>
<td>Contemporary China Studies Seminar</td>
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<tr>
<td>603</td>
<td>Contemporary Japanese Studies Seminar: Big Business and Politics</td>
<td>3</td>
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**Second Term**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>410</td>
<td>Symbolism in Chinese Literature and Art</td>
<td>3</td>
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<tr>
<td>411</td>
<td>The Principle and Technique of Chinese Calligraphy</td>
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</tbody>
</table>
SECOND TERM
150 Introduction to Anthropology (3)
200 Cultural Anthropology (3)
210 Archaeology (3)
380 Archaeological Field Techniques (3)
414 Introduction to Linguistic Anthropology (3)
(Identical with Ling 414)

ART (Art)

FIRST TERM
101 Introduction to the Visual Arts (3)
105 Elementary Studio—Ceramics (3)
106 Elementary Studio—Sculpture (3)
107 Elementary Studio—Photography (3)
108 Elementary Studio—Drawing and Painting (3)
113 Introductory Studio “A” (3)
114 Introductory Studio “B” (3)
115 Introductory Studio “C” (3)
116 Introductory Studio “D” (3)
207 Photography A (3)
213 Life Drawing (3)
215 Printmaking—Intaglio (3)
Painting “A” (3)
Painting “B” (3)
Textile Design (3)
Ceramics A (3)
Ceramics B (3)
Sculpture (3)
Intermediate Sculpture A (3)

SECOND TERM
270 Aspects of European and American Art (3)
330 Advanced Textile Design (3)
341 Advanced Ceramics (3)
353 Advanced Sculpture (3)
399 Directed Work (v)
402 Glass Blowing (3)
630 Textile Design (3)
647 Ceramics (v)
699 Directed Work (v)

SECOND TERM
214 Life Drawing (3)
216 Printmaking—Lithography (3)

ASIAN STUDIES (Asian)

FIRST TERM
241 Civilizations of Asia (3)
(Identical with Hist 241)
242 Civilizations of Asia (3)
(Identical with Hist 242)
601 Contemporary China Studies Seminar (3)
(Identical with Hist 725)
603 Contemporary Japanese Studies Seminar
Big Business and Politics (3)

SECOND TERM
410 Symbolism in Chinese Literature and Art (2)
411 The Principle and Technique of Chinese Calligraphy (2)
### BIOCHEMISTRY (Bioch)

**FIRST TERM**
- 241 Fundamentals of Biochemistry (3)

**SECOND TERM**
- 341 Elements of Biochemistry (3)
- 441 Basic Biochemistry (3)

### BOTANY (Bot)

**FIRST TERM**
- 105 Ethnobotany (3)
- 399 Botanical Problems (v)
- 426 History of Biology (3)
  (Identical with Sci 426)
- 466 Botany of Cook's Voyages (2)
  (Identical with Sci 466)
- 612 Advanced Botanical Problems (v)
- 699 Directed Research (v)
- 799 Directed Research (v)
- 800 Thesis (v)

**SECOND TERM**
- 160 Identification of Tropical Plants (2)
- 181 Plant Life of the Sea (4)
- 399 Botanical Problems (v)
- 612 Advanced Botanical Problems (v)
- 699 Directed Research (v)
- 799 Directed Research (v)
- 800 Thesis (v)

### BUSINESS ADMINISTRATION

**Accounting (Acc)**

**FIRST TERM**
- 201 Elementary Accounting I (3)
- 202 Elementary Accounting II (3)
- 307 Income Tax Problems (3)
- 321 Financial Accounting I (3)
- 325 Financial Accounting III (3)
- 331 Auditing (3)

**SECOND TERM**
- 201 Elementary Accounting I (3)
- 202 Elementary Accounting II (3)
- 305 Cost Accounting (3)
- 323 Financial Accounting II (3)
- 331 Auditing (3)

**Business (Bus)**

**FIRST TERM**
- 501 Accounting (3) (May 28-July 19)
- 502 Economic Analysis (3) (May 28-July 19)
- 503 Introduction to Quantitative Analysis (3) (May 28-July 19)
- 601 Managerial Accounting (3) (May 28-July 19)
- 611 Statistical Methods of Business Analysis (3) (May 28-July 19)
- 621 Managerial Economics (3) (May 28-July 19)
- 631 Finance (3) (May 28-July 19)
- 641 Management: A Systems Analysis (3) (May 28-August 2)
- 642 Behavioral Science for Business (3) (May 28-August 2)
- 651 Marketing (3) (May 28-August 2)
- 796 Business Policy (3) (May 28-August 2)

**SECOND TERM**
- 122 Mathematics for Decision Making II (3)
- 301 Business Statistics (3)
- 302 Business Statistics (3)
- 305 Accelerated Business Statistics (3)
- 321 Introduction to Quantitative Analysis (3)
- 351 Introduction to Computers and Data Processing (3)

### Business Analysis and Statistics (BAS)

**FIRST TERM**
- 122 Mathematics for Decision Making II (3)
- 301 Business Statistics (3)
- 302 Business Statistics (3)
- 305 Accelerated Business Statistics (3)
- 321 Introduction to Quantitative Analysis (3)
- 351 Introduction to Computers and Data Processing (3)

**SECOND TERM**
- 122 Mathematics for Decision Making II (3)
- 301 Business Statistics (3)
- 302 Business Statistics (3)
- 305 Accelerated Business Statistics (3)
- 321 Introduction to Quantitative Analysis (3)
- 351 Introduction to Computers and Data Processing (3)

### Business Economics (BEc)

**FIRST TERM**
- 201 Economic Environment in Business and Economics (3)
- 341 Economic Analysis for Decision Making (3)
- 343 Business Conditions Analysis (3)
- 345 Money, Credit and the Capital Market (3)
- 349 Managerial Economics (3)

**SECOND TERM**
- 201 Economic Environment in Business and Economics (3)
- 341 Economic Analysis for Decision Making (3)
- 343 Business Conditions Analysis (3)
- 349 Managerial Economics (3)

### Finance (Fin)

**FIRST TERM**
- 300 Business Finance (3)
- 305 Problems of Business Finance (3)
- 734 Investment Analysis and Management (3) (May 28-July 19)

**SECOND TERM**
- 300 Business Finance (3)
- 311 Investments (3)

### Law (Law)

**FIRST TERM**
- 300 Legal Environment of Business I (3)

**SECOND TERM**
- 300 Legal Environment of Business I (3)

### Management (Mgt)

**FIRST TERM**
- 301 Management and Organizational Behavior (3)
- 302 Operations Management I (3)
- 322 Operations Management Control (3)
- 341 Human Relations in the Organization (3)
- 345 Business Policy (3)

**SECOND TERM**
- 301 Management and Organizational Behavior (3)
- 302 Operations Management I (3)
- 321 Facilities and Productivity Management (3)
- 341 Human Relations in the Organization (3)
- 345 Business Policy (3)

### Marketing (Mkt)

**FIRST TERM**
- 300 Principles of Marketing (3)
- 315 Marketing Management (3)

**SECOND TERM**
- 300 Principles of Marketing (3)
Personnel and Industrial Relations (PIR)

**FIRST TERM**
- 200  Career Placement (1)
- 351  Personnel Administration (3)

**SECOND TERM**
- 361  Labor Problems and Trade Unionism (3)

Real Estate (RE)

**FIRST TERM**
- 300  Principles of Real Estate and Urban Land Economics (3)
- 330  Property Valuation (3)
- 773  Real Estate (3)  (May 28-July 19)

**SECOND TERM**
- 300  Principles of Real Estate and Urban Land Economics (3)
- 310  Real Estate Law (3)

Travel Industry Management (TIM)

**FIRST TERM**
- 100  Internship (0)
- 200  Internship (0)
- 300  Internship (1)
- 400  Internship (1)

**SECOND TERM**
- 100  Internship (0)
- 200  Internship (0)
- 300  Internship (1)
- 400  Internship (1)

CHEMISTRY (Chem)

**FIRST TERM**
- 114  General Chemistry (3)
- 114L  General Chemistry Laboratory (1)
- 133  Elementary Quantitative Analysis (2)
- 133L  Elementary Quantitative Analysis Laboratory (2)
- 243  Organic Chemistry (3)
- 243L  Organic Chemistry Laboratory (1)
- 399  Directed Reading or Research (v)
- 799  Directed Research (v)

**SECOND TERM**
- 100  Chemistry and Man (3)
- 100L  Chemistry and Man Laboratory (1)
- 244  Organic Chemistry (3)
- 244L  Organic Chemistry Laboratory (1)
- 399  Directed Reading or Research (v)
- 799  Directed Research (v)

COMMUNICATION

Communication (Comun)

**FIRST TERM**
- 145  Interpersonal Communication (3)
- 200  Introduction to Theories of Communication (3)
- 261  Broadcasting (3)
- 263B  Broadcast Laboratory—Radio Production (3)
- 384  Communication Among Cultural Groups (3)

**SECOND TERM**
- 145  Interpersonal Communication (3)
- 221  Communication Contexts for Creative Learning (3)
- 263C  Broadcast Laboratory—Television Production (3)
- 384  Communication Among Cultural Groups (3)

Speech-Communication (SpCom)

**FIRST TERM**
- 651  Seminar in Rhetoric and Public Address (3)

**SECOND TERM**
- 785  Seminar in Speech-Communication in Innovation (3)

DRAMA AND THEATRE (Drama)

**FIRST TERM**
- 160  Introduction to Drama and Theatre (3)
- 201  Introduction to the Art of the Film (3)
- 221  Beginning Acting (3)
- 281  Beginning Modern Dance (3)
- 283  Beginning Ballet (3)
- 299  Theatre Practice (3)
- 381  Intermediate Modern Dance (3)
- 383  Intermediate Ballet (3)
- 365  Contemporary Drama and Theatre (3)
- 481  Advanced Modern Dance (3)
- 483  Advanced Ballet (3)
- 499  Directed Work (v)
- 799  Directed Work (v)
- 800  Thesis Research (v)

**SECOND TERM**
- 221  Beginning Acting (3)
- 382  Intermediate Modern Dance (3)
- 384  Intermediate Ballet (3)
- *Pending Approval

EAST ASIAN LANGUAGES

Chinese (Chnse)

**FIRST TERM**
- 101  Elementary Chinese (3)
- 103  Accelerated Elementary Chinese (6)
- 105  Special Elementary Chinese (3)
- 201  Intermediate Chinese (4)
- 301  Third Level Chinese (4)

**SECOND TERM**
- 102  Elementary Chinese (3)
- 202  Intermediate Chinese (4)
- 204  Accelerated Intermediate Chinese (6)
- 206  Special Intermediate Chinese (4)
- 302  Third Level Chinese (4)

Japanese (Jpnse)

**FIRST TERM**
- 101  Elementary Japanese (3)
- 103  Accelerated Elementary Japanese (6)
- 201  Intermediate Japanese (4)
301 Third Level Japanese (4)
401 Fourth Level Japanese (4)

SECOND TERM
102 Elementary Japanese (3)
202 Intermediate Japanese (4)
204 Accelerated Intermediate Japanese (8)
302 Third Level Japanese (4)
402 Fourth Level Japanese (4)

EAST ASIAN LITERATURE
Chinese (ChLit)
FIRST TERM
262 Chinese Literature in Translation: Modern (3)

ECONOMICS (Econ)
FIRST TERM
120 Introduction to Economics (3)
150 Principles of Economics: Macro (3)
220 Mathematics for Social Scientists (3)
300 Intermediate Economic Theory: Macroeconomic Analysis (3)
404 History of Economic Thought (3)
460 International Economics (3)
SECOND TERM
120 Introduction to Economics (3)
151 Principles of Economics: Micro (3)
301 Intermediate Economic Theory: Price Theory (3)
321 Introduction to Statistics (3)
415 Asian Economic Development (3)
461 International Monetary Economics (3)
700 Seminar: Macroeconomic Theory (3)

EDUCATION
Curriculum and Instruction (EdCI)
FIRST TERM
312B Foundations in Curriculum and Instruction: Elementary Education (3)
312C Foundations in Curriculum and Instruction: Secondary Education (3)
319 Children's Literature (3)
320 Language Arts: Elementary (3)
321 Reading: Elementary (3)
322 Social Studies: Elementary (3)
323 Science: Elementary (3)
324 Mathematics: Elementary (3)
326 Creative Art: Elementary (3)
330 Language Arts: Secondary (3)
332 Social Studies: Secondary (3)
345 Literature for Adolescents (2)
399 Directed Reading (v)
540I Practicum in Curriculum Development: Mathematics: Implementing the Metric System in the Elementary School (1)
(June 17-July 5)
540J Practicum in Curriculum Development: Science (FAST Project) (v)

540N Practicum in Curriculum Development: General Curriculum and Teaching Problems: IOTA and Application of Child Development Principles in Elementary School Teaching (v) (June 17-July 5)
595 Aerospace Education Workshop (4)
(June 24-July 26)

SECOND TERM
441 Education of the Slow Learners (3)
442 Curriculum Development and Instruction for the Slow Learners (3)
498 Poetry in the Elementary School Curriculum (3)
527 Methods and Materials for the Study of Hawaii (3)
540D Practicum in Curriculum Development: English Language Arts (3)
540Q Practicum in Curriculum Development: Speech (3)
619 Children's Literature in the Elementary Curriculum (3)
620 Teaching Reading in the Elementary School (3)
621 Modern Language Arts Program, Elementary (3)
622 Elementary School Curriculum (3)
623 Elementary Science Curriculum (3)
624 Elementary Mathematics Curriculum (3)
626 Art in the Elementary Curriculum (3)
635 Middle School Curriculum (3)
636 Secondary School Curriculum (3)
646 Reading Difficulties (3)
699 Directed Reading Research (v)
722 Seminar in Elementary Curriculum Foundations (3)
733 Seminar in Curriculum Secondary (3)

Industrial Education (EdIE)
FIRST TERM
300 Industrial Crafts—Jewelry and Lapidary Processes (2)
402 Improvement of Instruction, Industrial Education (v)

Educational Administration (EdEA)
SECOND TERM
601 Introduction to Educational Administration (3)
606 Student Personnel Services in Higher Education (3) (Identical with EdEP 606)
610 School-Community Relations (3)
645 Principles of School Management (3)
699 Directed Reading and/or Research (v)
780I Seminar in Administration of Higher Education (3)
800 Thesis (v)

Educational Communications (EdEC)
FIRST TERM
314 Audio-Visual Techniques (3)
639 Mass Media and Education (3)
690 Seminar in Media Leadership (3)
SECOND TERM
314 Audio-Visual Techniques (3)
640 Programmed Learning (3)
(Identical with EdEP 640)
Educational Foundations (EdEF)

**FIRST TERM**
- 310 Foundations of American Education (3)
- 399 Directed Reading & Research (v)
- 409 Ethnicity, Poverty & Education (3)
  (Identical with SpEd 409)
- 444 Gaming Techniques for Educators (2)
  (June 17-July 5)
- 453 History of Education of American Women (3)
- 699 Directed Reading & Research (v)
- 800 Thesis Research (v)

**SECOND TERM**
- 310 Foundations of American Education (3)
- 399 Directed Reading & Research (v)
- 409 Ethnicity, Poverty & Education (3)
  (Identical with SpEd 409)
- 460 Children’s Rights: School and Society (3)
- 490 Zen and Education (3)
- 650 History of Western Education (3)
- 651 History of American Education (3)
- 652 History of Education in Hawaii (3)
- 660 Philosophy of Education (3)
- 604 Seminar in Problems in Education (2)
- 672 Education in China: Theory & Practice (3)
- 683 Social Foundations of Education (3)
- 699 Directed Reading & Research (v)
- 751 Recent History of American Education (3)
- 800 Thesis Research (v)

*Pending Approval*

**Health and Physical Education (HPE)**

**FIRST TERM**
- 103 Swimming: Beginning (1)
- 104 Swimming: Intermediate (1)
- 107 Tennis: Beginning (1)
- 110 Golf: Beginning (1)
- 124 Dances of Hawaii (1)
- 135 Volleyball (1)
- 160 Judo (1)
- 162 Karate (1)
- 232 Safety Procedures and Accident Prevention (2)
- 233 Physical Education: Elementary (3)
- 335 Coaching of Track and Field (2)
  (June 17-June 28)
- 476 Motor Learning and Performance (3)
  (June 17-July 5)

**SECOND TERM**
- 103 Swimming: Beginning (1)
- 107 Tennis: Beginning (1)
- 110 Golf: Beginning (1)
- 111 Golf: Advanced (1)
- 123 Folk and National Dances (1)
- 124 Dances of Hawaii (1)
- 161 Aikido (1)
- 162 Karate (1)
- 163 Tai Chi Chuan (1)
- 233 Physical Education: Elementary (3)
- 332 Emergency Care and First Aid Instructor Training (2)
  (July 8-July 26)
- 433 Music and Rhythms in Physical Education (2)
- 436 Methods and Materials of Aquatics and Life Saving (2)
  (July 8-July 26)
- 454 Physiology in Physical Education (3)
  (July 8-July 26)
- 463 Kinesiology (3)
- 531 Family Life and Sex Education (3)
- 699 Directed Reading and Research (v)
### Educational Foundations (EdEF)

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<td>310</td>
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<td>Directed Reading &amp; Research (v)</td>
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<td>Ethnicity, Poverty, &amp; Education (3)</td>
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<td>Seminar in Problems in Education (2)</td>
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<td>Education in China: Theory &amp; Practice (3)</td>
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<td>Social Foundations of Education (3)</td>
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<td>Recent History of American Education (3)</td>
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<td>Thesis Research (v)</td>
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*Pending Approval*

### Educational Psychology (EdEP)

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<td>Psychological Foundations (3)</td>
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<td>416</td>
<td>Tests and Measurements (3)</td>
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<td>429</td>
<td>Introduction to Statistics (3)</td>
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<td>601</td>
<td>Guidance in the School (3) (June 17-July 5)</td>
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<td>605</td>
<td>Problems of School Adjustment (3) (June 17-July 5)</td>
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<td>Elementary School Guidance (3)</td>
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<td>Introduction to Practicum (3)</td>
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<td>404</td>
<td>Occupation Information in Guidance (3)</td>
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### Health and Physical Education (HPE)

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<td>Coating of Track and Field (2)</td>
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<td>Motor Learning and Performance (3)</td>
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<td>Directed Reading and Research (v)</td>
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Special Education (SpEd)

**FIRST TERM**
- 404 Introduction to Special Education (3)
- 405 Curriculum & Instruction in Special Education (3)
- 409 Ethnicity, Poverty, and Education (3) (Identical with EdEF 409)
- 410 Methods & Materials in Teaching the Child with Learning and Behavior Disorders (3)
- 418 Methods & Materials in Teaching the Educable Mentally Retarded (3)
- 485 Behavior Modification of Handicapped Children (3)
- 611 Advanced Curriculum & Instruction in Special Education (3)

**SECOND TERM**
- 200 Mental Retardation & Mental Health Work-Study Program (6)
- 404 Introduction to Special Education (3)
- 409 Ethnicity, Poverty, and Education (3) (Identical with EdEF 409)
- 485 Behavior Modification of Handicapped Children (3)
- 615B Clinical Assessment of Exceptional Children—LD (3)
- 616D Seminar on the Learning Disabled (3)
- 619B Theory & Practice of Clinical Teaching—LD (3)

Ocean Engineering (OE)

**FIRST TERM**
- 601 Ocean Engineering Laboratory (3)
- 699 Directed Reading or Research (v)

**SECOND TERM**
- 699 Directed Reading or Research (v)

ENGLISH (Eng)

**FIRST TERM**
- 100 Expository Writing (3)
- 251 Major Works of British and American Literature (3)
- 252 Major Works of British and American Literature (3)
- 253 World Literature (3)
- 254 World Literature (3)
- 255 Types of Literature (3)
- 256 Types of Literature (3)
- 309 Written Communication (3)
- 315 Advanced Expository Writing (3)
- 320 Introduction to Language (3)
- 331 Introduction to Poetry (3)
- 335 Backgrounds of World Literature (3)
- 336 Introduction to Literary Problems (3)
- 399 Directed Reading (v)
- 402 History of the English Language (3)
- 413 Form and Theory of Fiction (3)
- 442 Chaucer (3)
- 445 Shakespeare (3)
- 469 Studies in British Literature (3)
- 472 American Literature (3)
- 476 The American Novel (3)
- 479 Studies in American Literature (3)
- 480 Literature of the Pacific (3)
- 488 20th Century British and American Poetry (3)
- 489 The Modern Movement in Western Literature (1870-1970) (3)
- 660 Major Authors (3)
- 675 Literary Genres and Problems (3)
- 699 Directed Reading (v)
- 775 Seminar in English Literature (3)
- 799 Directed Reading (v)

**SECOND TERM**
- 100 Expository Writing (3)
- 251 Major Works of British and American Literature (3)
- 252 Major Works of British and American Literature (3)
- 253 World Literature (3)
- 254 World Literature (3)
- 255 Types of Literature (3)
- 256 Types of Literature (3)
- 309 Written Communication (3)
- 315 Advanced Expository Writing (3)
- 399 Directed Reading (v)
- 401 Modern English Grammar (3)
- 405 Workshop in Teaching Problem Writers (3)
- 405L Workshop in Teaching Problem Writers Lab (1)
- 433 20th Century British Novel (3)
- 446 Shakespeare (3)
- 469 Studies in British Literature (3)
- 476 The American Novel (3)
- 479 Studies in American Literature (3)
- 480 Literature of the Pacific (3)
- 483 Modern Dramatic Literature (3)
## French (Fr)

**FIRST TERM**
- 101 Elementary French (4)
- 102 Elementary French (4)
- 103 Intensive Elementary French (8)
- 201 Intermediate French (3)
- 202 Intermediate French (3)
- 301 Phonetics and Pronunciation Practice (3)
- 361 French Civilization (3)

## German (Ger)

**FIRST TERM**
- 101 Elementary German (4)
- 102 Elementary German (4)
- 201 Intermediate German (3)

## Latin (Latin)

**FIRST TERM**
- 101-102 Elementary Latin (6)

## Russian (Rus)

**FIRST TERM**
- 101-102 Elementary Russian (8)
- 201-202 Intermediate Russian (6)

## Spanish (Span)

**FIRST TERM**
- 101 Elementary Spanish (4)
- 102 Elementary Spanish (4)
- 110 Accelerated Elementary Spanish (8)
- 201 Intermediate Spanish (3)
- 202 Intermediate Spanish (3)

## ENGLISH LANGUAGE INSTITUTE (ELI)

All ELI classes will meet daily for nine weeks (May 28-July 26)

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## ENGLISH AS A SECOND LANGUAGE (ESL)

**FIRST TERM**
- 600B Topics in ESL: History of Language Teaching (3)

**SECOND TERM**
- 410 Introduction to TESL (3)
- 450 English Phonology (3)
- 600C Topics in ESL: Historical Linguistics: English Syntax (3) (Identical with Ling 660E)

## ETHNIC STUDIES (ES)

**FIRST TERM**
- 320 Hawaii and the Pacific (3)

**SECOND TERM**
- 320 Hawaii and the Pacific (3)

## EUROPEAN LANGUAGES AND LITERATURE

**General (EL)**

**FIRST TERM**
- 112 Greek and Roman Mythology (3)
- 374 Literature and Thought of European Renaissance (3)
- 375 French Literature since 1800 (3)

**SECOND TERM**
- 101 Elements of Physical Geography (3)
- 102 World Regional Geography (3)
- 151 Geography and Contemporary Society (3)
- 201 Atmospheric Pollution (3)
- 326 Conservation and Resource Management (3)
- 368 Geography of Hawaii (3)
- 369 Geography of Honolulu (3)
- 452 Geography of Japan (3)
- 456 Geography of Southeast Asia (3)
- 700C Seminar in Geography (3)

## GENETICS (Genet)

**FIRST TERM**
- 499 Genetical Problems (v)
- 699 Directed Research (v)
- 800 Thesis (v)

**SECOND TERM**
- 499 Genetical Problems (v)
- 699 Directed Research (v)
- 800 Thesis (v)

## GEOGRAPHY (Geog)

**FIRST TERM**
- 101 Elements of Physical Geography (3)
- 102 World Regional Geography (3)
- 151 Geography and Contemporary Society (3)
- 368 Geography of Hawaii (3)
- 453 Geography of China (3)
### GEOLOGY AND GEOPHYSICS (GG)

**FIRST TERM**
- 614 Field Projects (v)
- 799 Directed Research (v)
- 800 Thesis Research (v)

**SECOND TERM**
- 200 Geology of Hawaii (4)
- 614 Field Projects (v)
- 799 Directed Research (v)
- 800 Thesis Research (v)

### Interdisciplinary Studies (IS)

**FIRST TERM**
- 311 Independent Study Tutorial (v)
- 312 Independent Study Tutorial (v)
- 345 Literature of Women (3)

**SECOND TERM**
- 311 Independent Study Tutorial (v)
- 312 Independent Study Tutorial (v)
- 347 Sex and Law (3)

### HISTORY (Hist)

**FIRST TERM**
- 151 World Civilization (3)
- 152 World Civilization (3)
- 241 Civilizations of Asia (3)
  (Identical with Asian 241)
- 242 Civilizations of Asia (3)
  (Identical with Asian 242)
- 281 Introduction to American History (3)
- 406 History of Southeast Asia (3)
- 409 History of China (3)
- 410 History of China (3)
- 413 History of Japan (3)
- 424 History of Hawaiian Islands (3)
- 438 French Revolution (3)
- 446 History of France (3)
- 447 History of England (3)
- 457 Russian Revolution (3)
- 475 Constitutional History of the United States (3)
- 480 Black Americans (3)
- 481 American Thought and Culture (3)
- 496 Senior Tutorial (4)
- 725 Contemporary China Seminar (3)
  (Identical with Asian 601)

**SECOND TERM**
- 151 World Civilization (3)
- 152 World Civilization (3)
- 282 Introduction to American History (3)
- 342 East Asian Civilizations (3)
- 407F Modern Indonesia (3)
- 412 Local History of China (3)
- 414 History of Japan (3)
- 418 History of Korea (3)
- 425 United States in the Pacific (3)
- 458 Britain in 20th Century (3)
- 466 America and World Leadership: U.S. Since 1941 (3)
- 471 History of United States Foreign Policy (3)
- 482 American Thought and Culture (3)

### HUMAN RESOURCES DEVELOPMENT

**Food and Nutritional Sciences (FNS)**

**FIRST TERM**
- 499 Directed Research (v)
- 699 Directed Research (v)
- 800 Thesis (v)

**SECOND TERM**
- 377 Pacific Foods (3)
- 480 Nutrition Education for School Teachers (3)
- 499 Directed Research (v)
- 699 Directed Research (v)
- 800 Thesis (v)

### Home Economics (HE)

**FIRST TERM**
- 499 Directed Reading & Research (v)
- 699 Directed Reading & Research (v)

### Human Development (HD)

**FIRST TERM**
- 231 Introduction to Human Development (3)
- 232 Introduction to Human Development (3)
- 345 Group Leadership (3)

### INDO-PACIFIC LANGUAGES

**General (IP)**

**FIRST TERM**
- 103 Directed Elementary Language Study (6)
- 499 Directed Studies (v)
- 690 Directed Reading (v)

**SECOND TERM**
- 204 Directed Intermediate Language Study (6)
- 499 Directed Studies (v)
- 690 Directed Reading (v)

### HONORS PROGRAM

**Honors Courses (Hon)**

**FIRST TERM**
- 493 Senior Honors Thesis (2)
- 494 Senior Honors Thesis (2)

**SECOND TERM**
- 493 Senior Honors Thesis (2)
- 494 Senior Honors Thesis (2)

### NINE-WEEK TEAM May 28–July 26

- 111 Elementary Burmese (6)
- 112 Intermediate Burmese (6)
Hawaiian (Haw)

**FIRST TERM**
- 101 Elementary Hawaiian (3)
- 201 Intermediate Hawaiian (4)
- 301 Third-Level Hawaiian (3)

**SECOND TERM**
- 102 Elementary Hawaiian (3)
- 202 Intermediate Hawaiian (4)
- 302 Third-Level Hawaiian (3)

Ilokano (Ilo)

**FIRST TERM**
- 111 Elementary Ilokano (6)

**SECOND TERM**
- 204 Intermediate Ilokano (6)

Indonesian (Ind)

**FIRST TERM**
- 103 Elementary Indonesian (6)

**SECOND TERM**
- 204 Intermediate Indonesian (6)

Lao (Lao)

**NINE-WEEK TERM** May 28-July 26
- 103 Elementary Lao (6)
- 112 Intermediate Lao (6)

Samoan (Sam)

**NINE-WEEK TERM** May 28-July 26
- 111 Elementary Samoan (6)

Tagalog (Tag)

**FIRST TERM**
- 101 Elementary Tagalog (3)
- 201 Intermediate Tagalog (3)
- 297 Philippine Language and Culture (3)

**SECOND TERM**
- 102 Elementary Tagalog (3)
- 202 Intermediate Tagalog (3)

Tahitian (Tah)

**FIRST TERM**
- 111 Elementary Tahitian (6)

Thai (Thai)

**NINE-WEEK TERM** May 28-July 26
- 103 Elementary Thai (6)
- 204 Intermediate Thai (6)
- 303 Third-Level Thai (6)
- 404 Fourth-Level Thai (6)

Vietnamese (Viet)

**NINE-WEEK TERM** May 28-July 26
- 111 Elementary Vietnamese (6)
- 112 Intermediate Vietnamese (6)
- 303 Third-Level Vietnamese (6)
- 404 Fourth-Level Vietnamese (6)

LIBRARY STUDIES (LS)

**FIRST TERM**
- May 28-June 14
  - 615 Building Library Collections (3)
  - 642 Audio-visual Services (3)

- June 19-July 5
  - 601 Bibliography and Reference Sources (3)
  - 681 Reading Materials for Children (3)
  - 683 Service for Children and Young People (3)
  - 696 Field Seminar (3)
  - 705 Asian Reference Sources (3)

**SECOND TERM**
- July 8-July 26
  - 602 Advanced Reference Sources (3)
  - 605 Basic Cataloging and Classification (3)
  - 685 Traditional Literature and Oral Narration (3)
  - 693 Special Topics (Biblio-Linguistics) (3)

- July 31-August 15
  - 696 Field Seminar (Asian Information Industry—East Asia) (3)

**NOTE:** Enrollment in Library Studies courses requires approval of the Dean of Graduate School of Library Studies.

LINGUISTICS (Ling)

**FIRST TERM**
- 102 Introduction to the Study of Language (3)

**SECOND TERM**
- 200 Languages of the World (3)
- 320 General Linguistics (3)
- 414 Introduction to Linguistic Anthropology (3) (Identical with Anth 414)
- 470 Introduction to the Study of Children’s Speech (3)
- 660E Historical Linguistics: English Syntax (3) (Identical with ESL 600C)

MATHEMATICS (Math)

**FIRST TERM**
- 100 Survey of Mathematics (3)
- 111 Introduction to Mathematics (3)
- 201 Finite Mathematics (3)
- 232 Calculus IV (3)
- 251 Informal Geometry (3)
- 371 Elementary Probability Theory (3)
- 402 Partial Differential Equations (3)
- 403 Methods of Applied Mathematics (3)

- May 28-August 2
  - 134 Pre-Calculus Mathematics (4)
  - 205 Calculus I (3)
  - 206 Calculus II (3)
  - 231 Calculus III (3)
  - 311 Introduction to Linear Algebra (3)
  - 412 Introduction to Abstract Algebra (3)

**SECOND TERM**
- 097 Intermediate Algebra (0)
- 100 Survey of Mathematics (3)
- 111 Introduction to Mathematics (3)
- 232 Calculus IV (3)
- 371 Elementary Probability Theory (3)
- 373 Elementary Statistics (3)
- 402 Partial Differential Equations (3)
MEDICAL TECHNOLOGY (MT)

FIRST TERM
366 Internship (3)
495 Special Topics in Medical Technology (1)
695 Special Topics in Medical Technology (2)

*Pending Approval

NURSING (Nurs)

FIRST TERM
399 Directed Reading/Research (v)
790 Directed Study or Research (v)

OCEANOGRAPHY (Ocean)

FIRST TERM
201 Science of the Sea (3)
699 Directed Research (v)
800 Thesis Research (v)

SECOND TERM
201 Science of the Sea (3)
699 Directed Research (v)
800 Thesis Research (v)

MICROBIOLOGY (Micro)

FIRST TERM
130 General Microbiology (3)
130L Microbiology Laboratory (1)
699 Directed Research (v)
795 Special Topics—Biochemistry of Marine Bacteria (3)

SECOND TERM
130 General Microbiology (3)
351 Procaryotic Biology (4)
699 Directed Research (v)

METEOROLOGY (Met)

SECOND TERM
101 Climate, Weather, Atmosphere (4)

MUSIC (Mus)

FIRST TERM
125 Elementary Piano Class (1)
129 Elementary Classical Guitar Class (1)
131, 231, 431 Applied Music (1)
140 Recreational Music (1)
160 Introduction to Music Literature (3)
170 Music in World Culture (3)
265 History of Western Music to 1750 (3)
370 Music in Modern America (3)
407 University Javanese Gamelan (1)
660F Studies in Music Literature: Romantic (3)

SECOND TERM
125 Elementary Piano Class (1)
126 Elementary Piano Class (1)
129 Elementary Classical Guitar Class (1)
131, 231, 431 Applied Music (1)
160 Introduction to Music Literature (3)
170 Music in World Culture (3)
180 Fundamentals of Western Music (3)
190 Dance in World Cultures (3)
325 Conducting (1)
402E Korean Music Ensemble (1)
403E Korean Dance Ensemble (1)
403H Javanese Dance Ensemble (1)
403C Japanese Dance Ensemble (1)
407 University Javanese Gamelan (1)
457 Asian and Pacific Music in Education (2)
457 Asian and Pacific Music in Education (2)
(July 8-26)
519 Music for Elementary Teachers (3)
557 Institute on Polynesian Music in Music
Education (3) (July 29-August 15)
600F Seminar: Music Education (3)
657 World Musics in Undergraduate Education (2)

PHARMACOLOGY (Pharm)

FIRST TERM
641 Pharmacological Techniques (v)
699 Directed Research (v)

SECOND TERM
641 Pharmacological Techniques (v)
699 Directed Research (v)

PHILOSOPHY (Phil)

FIRST TERM
100 Introduction to Philosophy (3)
210 Introduction to Logic (3)
435 Philosophy of Religion (3)
449G Topics: Zen (3)
450 Indian Philosophy (3)
460 Buddhist Philosophy (3)
700G Individual Western Philosophers:
Heidegger (3)

SECOND TERM
100 Introduction to Philosophy (3)
200 History of Philosophy I (3)
445 Symbolic Logic I (3)
448E Comprehensive Philosophical Systems:
Yoga (3)

PACIFIC ISLANDS PROGRAM (PIP)

FIRST TERM
699 Directed Reading and Research (v)
800 Thesis Research (v)

SECOND TERM
699 Directed Reading and Research (v)
800 Thesis Research (v)
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<td>110 Astronomy (3)</td>
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<td>170 General Physics I (4)</td>
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<td>111 Astronomy (3)</td>
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<td>100 Survey of Psychology (3)</td>
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<td>110 Psychology of Adjustment (3)</td>
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<td>113 Statistical Techniques (3)</td>
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<td>214 Learning and Motivation (3)</td>
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<td>317 Physiological Psychology (3)</td>
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<td>318 Animal Psychology (3)</td>
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<td>319 Experimental Psychology (3)</td>
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<td>401 Experimental Analysis of Behavior (3)</td>
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<td>424 Abnormal Psychology (3)</td>
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<td>427 The Exceptional Child (3)</td>
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<td>345 Topics in Comparative Government and Politics (3)</td>
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*Specific topics to be announced. Past topics have included electoral politics, urban politics, Asian political thought, etc.

Note: PH 791 and 800 are open ONLY to Public Health students. PH 799 requires consent of instructor.
RELIGION (Rel)

FIRST TERM
150 Introduction to World Religions (3)
151 Meaning of Existence (3)
481 History of Religion in Russia (3)

SECOND TERM
150 Introduction to World Religions (3)
151 Meaning of Existence (3)
481 History of Religion in Russia (3)

SOCIOLOGY (Soc)

FIRST TERM
100 Survey of General Sociology (3)
312B Survey of Urban Society (3)
312C Survey of Society and Population (3)
322B Survey of Social Stratification (3)
322J Survey of Social Change (3)
322K Survey of Sociology of the Future (3)
332D Survey of Criminology (3)
352B Survey of the Family (3)
432C Analysis in Organized Crime (3)
472D Analysis in Methodology (3)
472H Analysis in Evaluation Research (3)
472I Analysis in Computer Simulation (3)
714E Seminar in Evaluation Research (3)
714F Seminar in Computer Simulation (3)

SECOND TERM
100 Survey of General Sociology (3)
322E Survey of Industrial Sociology (3)
322G Survey of Race Relations (3)
332B Survey of Juvenile Delinquency (3)
342C Survey of Social Psychology (3)
352D People and Institutions of Japan (3)
362C Survey of Social Problems (3)
422D Analysis in Social Institutions: Racism and American Legal Process I (3)
432D Analysis in Social Institutions: Racism and American Legal Process II (3)
442D Analysis in Collective Behavior (3)
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<td>Adv PH Practice: Epidemiology (3)</td>
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<td>791G</td>
<td>Adv PH Practice: Gerontology (3)</td>
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<td>791J</td>
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### SPEECH (Sp)

**FIRST TERM**
- 151 Introduction to Speech (3)
- 231 Interpretative Reading (3)
- 321 Speech for the Classroom Teacher (3)
- 333 Storytelling (3)

**SECOND TERM**
- 151 Introduction to Speech (3)
- 231 Interpretative Reading (3)
- 251 Principles of Effective Speaking (3)
- 333 Storytelling (3)
- 492 Non-Verbal Communication (3)

### SPEECH PATHOLOGY AND AUDIOLOGY (SPA)

**FIRST TERM**
- 315 Hearing and Habilitation and Rehabilitation (3)
- 320 Speech and Hearing Science (3)
- 411 Practicum Audiology (1)
- 603 Advanced Audiology (3)

**SECOND TERM**
- 710 Advanced Practicum in Speech Pathology (1)
- 720 Seminar in Functional Disorders of Speech (2)

### ZOOLOGY (Zool)

**FIRST TERM**
- 101 Principles of Zoology (4)
- 420 Embryology (4)
- 439 Animal Ecology (3)
- 439L Laboratory in Ecology (1)
- 499 Directed Research (v)
- 699 Directed Research (v)

**SECOND TERM**
- 499 Directed Research (v)
- 699 Directed Research (v)