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SUMMER SESSION

UNIVERSITY OF HAWAII BULLETIN 1970 PRELIMINARY ANNOUNCEMENT



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1970 SUMMER SESSION CALENDAR

FIRST TERM (June 15-July 24)

June 15, Monday Regular registration
June 16, Tuesday Instruction begins
July 3, Friday Holiday
July 24, Friday First term ends

SECOND TERM (July 27-September 4)

July 27, Monday Regular registration
July 28, Tuesday Instruction begins
August 21, Friday Holiday
September 4, Friday Second term ends

UNIVERSITY OF HAWAII. The University of Hawaii is a federal land-grant and state university. It has colleges of Arts and Sciences, Business Administration, Education, Engineering, Health Sciences and Social Welfare (including schools of Medicine, Nursing, Public Health and Social Work), and Tropical Agriculture, a Graduate Division, a School of Library Studies, a Division of Continuing Education, and a System of Community Colleges. It offers the master's degree in 69 fields and the doctorate in 28.

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 during registration:

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 1970 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 along

with a regular Admissions Form by May 1, 1970 to the Office of Admissions and Records, 125 Bachman Hall, 2444 Dole Street, University of Hawaii, Honolulu, Hawaii 96822. Write to the Office of Admissions and Records for Admission Forms.

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

STUDENT HOUSING. Residence hall accommodations will be available to summer session students for the first term only. Inquiries should be sent to: Director of Student Housing, Johnson Hall A, University of Hawaii, Honolulu, Hawaii 96822. It should be noted that admission to the University is made without reference to the availability of housing. Although information on off-campus accommodations is not mailed out students, upon arrival in Honolulu, are invited to come to the Student Housing office to obtain information on off-campus housing. Negotiations with landlords for such accommodations must be made by the student.

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

OTHER INFORMATION. Full details will be given in the 1970 summer session catalog, to be published in the spring. For a copy of the catalog, enclose 40 cents in coins (for surface mail) or \$1.00 in currency (for air mail) and send your request to the Bookstore, University of Hawaii, 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, Room 101
University of Hawaii
Honolulu, Hawaii 96822

FIRST TERM [June 15 - July 24]

AGRICULTURE, TROPICAL

Agriculture (AG)

- 299 Agricultural Practice (arr.)
- 399 Agricultural Thesis (arr.)

Agricultural Economics (AEc)

- 399 Directed Study (arr.)
- 699 Directed Research (arr.)

Agricultural Engineering (AE)

- 699 Directed Research (arr.)

Agronomy (Agron)

- 651 Advanced Techniques in Plant and Soil Analysis (arr.)
- 699 Directed Research (arr.)
- 799 Directed Research (arr.)

Animal Sciences (An Sc)

- 341 Livestock Management (3)
- 699 Directed Research (arr.)
- 800 Thesis (arr.)

Entomology (Ento)

- 399 Directed Research (arr.)
- 699 Directed Research (arr.)

Horticulture (Hort)

- 399 Directed Study (arr.)
- 699 Directed Research (arr.)
- 800 Thesis Research (arr.)

Plant Pathology (PPath)

- 695 Clinical Plant Pathology (3)
- 699 Directed Research (arr.)

Soil Science (Soils)

- 699 Directed Research (arr.)
- 799 Directed Research (arr.)

AMERICAN STUDIES (Am St)

- 201 Introduction to American Civilization (3)
- 298 The Culture of the American Indians (3)
- 301 Man in Society (3)
(Identical with SocSc 301)
- 370 Music in Modern America (3)
- 465 Popular Culture in America (3)
- 475 American Taste (3)
- 490 Special Topics: Myths in American Development (3)
- 495 Black Americans and American National Character (3)
- 615 Leaders and Movements in American Thought (3)
- 641 Asian Influences in American Civilization (3)

ANTHROPOLOGY (Anth)

- 150 Introduction to Anthropology (3)
- 200 Cultural Anthropology (3)
- 230 Social Anthropology (3)

- 250 Oceania (3)

- 435 Psychological Anthropology (3)

- 440 Regional Cultures of Asia, Ryukyus (3)

- 440(4) Regional Cultures of Asia, South Asia (3)

- 480 Anthropological Applications (3)

- 480(1) Anthropological Applications: Development on Urban Organization (3)

- 750 Research Seminar, Psychological Anthropology (3)
(12-week course)

ARCHITECTURE (Arch)

- 472 Japanese Architecture and Landscaping (3)

ART (Art)

- 101 Introduction to the Visual Arts (3)

- 105 Elementary Studio—Ceramics (3)

- 106 Elementary Studio—Sculpture (3)

- 108 Elementary Studio—Drawing and Painting (3)

- 113 Introductory Studio "A" (3)

- 115 Introductory Studio "C" (3)

- 116 Introductory Studio "D" (3)

- 207 Photography A (3)

- 208 Photography B (3)

- 213 Figure Drawing (3)

- 217 Printmaking (3)

- 223 Painting "A" (3)

- 230 Textile Design (3)

- 238 Weaving (3)

- 243 Ceramics A (3)

- 244 Ceramics B (3)

- 253 Sculpture (3)

- 254 Intermediate Sculpture A (3)

- 255 Intermediate Sculpture B (3)

- 265 Advanced Visual Design (3)

- 270 Aspects of European and American Art (3)

- 317 Advanced Printmaking (3)

- 353 Advanced Sculpture (3)

- 361 Typography (3)

- 376 Modern Art (3)

- 391 Art of South Asia (3)

- 401 Glass Blowing (3)

- 402 Glass Blowing (3)

- 407 Advanced Photography (3)

- 472 Primitive Art (3)

- 475 Arts of the Pacific (3)

- 617 Printmaking (3)

- 630 Textile Design (3)

- 646 Ceramics (3)

- 653 Graduate Sculpture (3)

BIOCHEMISTRY (Bioch)

- 480 Introduction to Human Endocrinology (2)

- 481 Introduction to Molecular Biology (2)

BOTANY (Bot)

- 181 Plant Life of the Sea (4)
- 399 Botanical Problems (arr.)
- 699 Directed Research (arr.)
- 799 Directed Research (arr.)

BUSINESS ADMINISTRATION

Accounting (Acc)

- 201 Elementary Accounting (3)
- 202 Elementary Accounting (3)
- 305 Cost Accounting (3)
- 321 Financial Accounting I (3)
- 331 Auditing (3)
- 445 Advanced Cost Accounting (3)

Business (Bus)

- 501 Accounting (3)
- 502 Economic Analysis (3)
- 503 Introduction to Quantitative Methods (3)
- 504 Management Theory (3)
- 601 Managerial Accounting (3) (12-week course)
- 611 Statistical Methods of Business Analysis (3) (12-week course)
- 621 Managerial Economics (3) (9-week course)
- 631 Finance (3) (12-week course)
- 641 Administration (3) (12-week course)
- 642 Behavioral Science for Business (3) (12-week course)
- 651 Marketing (3) (12-week course)
- 798 Business Policy (3) (12-week course)

Business Analysis and Statistics (BAS)

- 111 Applied Mathematics (3)
- 301 Business Statistics (3)
- 302 Business Statistics (3)
- 321 Introduction to Quantitative Analysis (3)

Business Economics (BEc)

- 303 Money, Credit and the Capital Market (3)
- 341 Managerial Economics I (3)
- 342 Managerial Economics II (3)
- 361 Foreign Trade and American Industry (3)

Finance (Fin)

- 735 The Financial System (3) (12-week course)

Law (Law)

- 300 Principles of Business Law (3)

Management (Mgt)

- 300 Principles of Management (3)
- 341 Human Factors in Management (3)
- 345 Business Policy (3)
- 746 Production and Operations Management (3) (12-week course)

Marketing (Mkt)

- 300 Principles of Marketing (3)
- 331 Advertising Management (3)

Personnel and Industrial Relations (PIR)

- 300 Personnel and Labor Relations (3)
- 367 Labor Management Relations in the Public Service (3)

TRAVEL INDUSTRY MANAGEMENT

Real Estate (RE)

- 300 Real Estate Fundamentals (3)

Transportation (Trans)

- 351 Economics of Transportation (3)

Travel Industry Management (TIM)

- 100 Internship (0)
- 101 Introduction to Travel Industry Management (3)
- 200 Internship (0)
- 300 Internship (1)
- 301 Hotel Management Principles (3)
- 321 Tourism Principles I (3)
- 351 Studies in Hotel Management Controls (3)
- 400 Internship (1)

CHEMISTRY (Chem)

- 114 General Chemistry (3)
- 116 General Chemistry Laboratory (1)
- 133 Elementary Quantitative Analysis (2)
- 134 Elementary Quantitative Analysis Laboratory (2)
- 243 Organic Chemistry (3)
- 245 Organic Chemistry Laboratory (1)
- 399 Directed Research (arr.)
- 799 Directed Research (arr.)

CHINESE (Chin)

- 101 Elementary Chinese (3)
- 105 Mandarin for Speakers of Cantonese (3)
- 111 Intensive Elementary Chinese (6)
- 141 Introduction to Chinese Calligraphy (1)
- 201 Intermediate Chinese (4)
- 301 Third-Level Chinese (3)
- 361 Chinese Literature in Translation—Traditional (3)
- 401 Fourth-Level Chinese (3)
- 451 Structure of Chinese (3)
- 461 Introduction to Modern Chinese Literature (3)
- 617 Traditional Chinese Fiction (3)

DRAMA (Drama)

- 160 Introduction to Drama and Theatre (3)
- 221 Beginning Acting (3)
- 250 Theatre Workshop (3)
- 260 Dramatic Production (3)
- 281 Beginning Modern Dance (3)
- 283 Beginning Ballet (3)
- 321 Intermediate Acting (3)
- 370 Creative Dramatics (3)
- 381 Intermediate Modern Dance (3)
- 476 Puppetry (3)
- 481 Advanced Modern Dance (3)
- 570 The Japanese Theatre (3)
- 660 Theories of the Theatre (3)

ECONOMICS (Econ)

- 120 Introduction to Economics (3)
- 150 Principles of Economics (3)
- 151 Principles of Economics (3)
- 300 Intermediate Economic Theory: National Income (3)
- 301 Intermediate Economic Theory: Price Theory (3)
- 321 Elementary Statistics (3)
- 340 Money and Banking (3)
- 405 Comparative Economic Systems (3)
- 410 Economic Development (3)
- 415 Asian Economic Development (3)
- 460 International Trade Theory (3)
- 470 Industrial Organization and Public Control of Business (3)
- 496 Selected Topics in Contemporary Economic Problems (3)
- 600 Macroeconomic Theory (3)
- 601 Microeconomic Theory (3)
- 624 Advanced Econometrics I (3)
- 660 International Trade Theory (3)

EDUCATION

Curriculum and Instruction (Ed CI)

- 312(5) Foundations in Curriculum and Instruction: Elementary Education (3)
- 312(10) Foundations in Curriculum and Instruction: Secondary Education (3)
- 319 Children's Literature (2)
- 320 Language Arts, Elementary (2)
- 321 Reading, Elementary (2)
- 322 Social Studies, Elementary (2)
- 323 Science, Elementary (2)
- 324 Mathematics, Elementary (2)
- 326 Creative Art, Elementary (2)
- 441 Education of the Slow Learners (3)
- 442 Curriculum Development and Instruction for the Slow Learners (3)
- 520(5) Supervision of Student Teaching: Elementary (3)
- 520(10) Supervision of Student Teaching: Secondary (3)
- 527 Methods and Materials for the Study of Hawaii (3)
- 540(3) Practicum in Curriculum Development: Language Arts (3)
- 540(7) Practicum in Curriculum Development: Industrial (3)
- 540(8) Practicum in Curriculum Development: Mathematics (3)
- 540(9) Practicum in Curriculum Development: Science (3)
- 540(10) Practicum in Curriculum Development: Social Studies (3)
- 540(13) Practicum in Curriculum Development: General Curriculum & Teaching Problems (3)
- 595 Aerospace Education Workshop (5)
- 598 Individualized Instruction (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)
- 625 Elementary Social Studies Curriculum (3)
- 626 Art in Elementary Education (3)
- 636 Secondary School Curriculum (3)
- 646 Reading Difficulties (3)
- 722 Seminar in Elementary Curriculum Foundations (3)
- 733 Seminar in Curriculum, Secondary (3)
- 751 Community College Curriculum (3) (Identical with Ed EA 751)

Educational Administration (Ed EA)

- 610 School-Community Relations (3)
- 620 School Finance (3)
- 640 Systems Analysis in Educational Administration (3)
- 685 Educational Administration: Theory and Principles (3)
- 700 Research Seminar in Educational Administration (3)
- 751 Community College Curriculum (3) (Identical with Ed CI 751)
- 780(5) Seminar in Educational Administration: Technical and Vocational (3)
- 780(6) Seminar in Educational Administration: Community College (3)

Educational Communications (Ed EC)

- 314 Audio-Visual Techniques (2)
- 614 Audio-Visual Media Systems (3)
- 620 Production of Instructional Materials (3)

Educational Foundations (Ed EF)

- 310 Foundations of American Education (3)
- 409 Culturally and Economically Disadvantaged Pupil (3)
- 445 Educational Sociology (3)
- 650 Historical Foundations of Western Education (3)
- 651 History of American Education (3)
- 652 History of Education in Hawaii (3)
- 660 Philosophy of Education (3)
- 671 Comparative Education: Asia (3)
- 683 Social Foundations of Education (3)
- 751 Recent History of American Education (3)
- 761 History of American Higher Education (3)
- 768 Seminar in Problems in Education (2)

Educational Psychology (Ed EP)

- 311 Psychological Foundations (3)
- 404 Education of Exceptional Children (3)
- 405 The Mentally Retarded (3)
- 408 The Emotionally Disturbed Child (3)
- 409 Culturally and Economically Disadvantaged Pupil (3) (Identical with Ed EF 409)
- 416 Tests and Measurements (3)
- 429 Introductory Statistics (3)
- 432 Human Motivation and Education (3)
- 601 Guidance in the School (3)
- 602 Elementary School Guidance (3)
- 604 Occupational Information in Guidance (3)
- 605 Problems of School Adjustment (3)
- 609 Tests and Inventories in Guidance (3)
- 610 Counseling: Theory and Practice (3)
- 629 Educational Statistics (3)

- 672 Advanced Educational Psychology: Learning (3)
- 673 Advanced Educational Psychology: Psycho-Social Development (3)
- 701(3) Seminar in Guidance: Counseling Theory (3)
- 701(7) Seminar in Guidance: Group Procedures (3)
- 701(8) Seminar in Guidance: Philosophical and Social Issues in Guidance (3)
- 702 Group Guidance (3)
- 703 Guidance Practicum (3)
- 730 Computer Applications and Studies of Human Behavior (6)

Health & Physical Education (HPE)

- 103 Swimming: Beginning (1)
- 104 Swimming: Intermediate (1)
- 107 Tennis: Beginning (1)
- 110 Golf: Beginning (1)
- 111 Golf: Advanced (1)
- 124 Dances of Hawaii (1)
- 135 Volleyball (1)
- 154 Tumbling and Rebound Tumbling (1)
- 160 Judo (1)
- 161 Aikido (1)
- 162 Karate (1)
- 163 T'ai Chi Ch'uan (1)
- 195 Modern Health: Personal and Community (2)
- 231 Methods and Materials in Health Education (2)
- 233 Physical Education: Elementary (3)
- 476 Motor Learning and Performance (3)
- 508 Current Trends in Recreation (3)
- 603 Scientific Foundations of Physical Education (3)
- 623 Administrative Problems in Physical Education (3)
- 663 Mechanical Analysis of Sports Activities (3)

Industrial Education (IE)

- 300 Industrial Crafts—Jewelry and Lapidary Processes (2)
- 348 Industrial Arts for Elementary Teachers (2)
- 764 Seminar in Industrial Education (2)

ENGINEERING

Civil Engineering (CE)

- 270 Applied Mechanics I (3)
- 699 Directed Research (arr.)
- 800 Thesis (arr.)

General Engineering (GE)

- 61 Graphical Communication (1)
- 107 World of Engineering (3)
- 251 Digital Computer Programming (2)

Mechanical Engineering (ME)

- 311 Thermodynamics (3)
- 371 Mechanics of Solids (3)
- 699 Directed Reading or Research (arr.)
- 800 Thesis (arr.)

Ocean Engineering (OE)

- 601 Ocean Engineering Laboratory (3)

Information Sciences (ISC)

- 491 Digital Simulation Techniques (2)

ENGLISH (Eng)

- 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)
- 313 Introduction to Imaginative Writing (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)
- 401 Modern English Grammar (3)
- 402 History of the English Language (3)
- 413 Form and Theory in Writing Fiction (3)
- 432 The English Novel (3)
- 433 20th-Century British Novel (3)
- 445 Shakespeare (3)
- 446 Shakespeare (3)
- 454 Early 17th-Century English Literature (3)
- 457 18th-Century English Literature (3)
- 463 Victorian Literature (3)
- 469 Studies in British Literature (3)
- 471 American Literature (3)
- 472 American Literature (3)
- 476 The American Novel (3)
- 479 Studies in American Literature (3)
- 480 Literature of the Pacific (3)
- 483 Modern Dramatic Literature (3)
- 484 Modern Dramatic Literature (3)
- 638 History of Literary Criticism (3)
- 757 Seminar in Shakespeare (3)
- 775 Seminar in English Literature (3)
- 785 Seminar in American Literature (3)

7

ENGLISH AS A SECOND LANGUAGE (ESL)

- 597 Teaching English as a Second Language for Language Arts Teachers (3)
- 610 Teaching English as a Second Language II (3)
- 630 (Pro) Seminar in Hawaiian English (3)
- 650 Survey of Psycholinguistics with Reference to Teaching English as a Second Language (3)
- 730 Seminar in Applied Linguistics I (3)

ENGLISH LANGUAGE INSTITUTE (ELI)

All ELI classes will meet daily for ten weeks

- 60 Oral English for Foreign Students (0)
- 61 English Structure for Foreign Students (0)
- 62 Reading Program for Foreign Students (0)
- 63 Writing Program for Foreign Students (0)
- 70 Intermediate Oral English for Foreign Students (0)

- 71 Intermediate English Structure for Foreign Students (0)
- 72 Intermediate Reading Program for Foreign Students (0)
- 73 Intermediate Writing Program for Foreign Students (0)
- 80 Advanced Oral English for Foreign Students (0)
- 181 Advanced English Structure for Foreign Students (2)
- 183 Advanced Writing Program for Foreign Students (3)

EUROPEAN LANGUAGES (EL)

- 371 The French in the Pacific (3)
- 399 Directed Reading (arr.)

FRENCH (Fr)

- 101 Elementary French (4)
- 102 Elementary French (4)
- 201 Intermediate French (3)
- 202 Intermediate French (3)
- 301 Phonetics and Pronunciation Practice (3)
- 306 Structure of French (3)
- 311 Advanced Conversation (3)
- 331 Survey of French Literature (3)
- 735 Seminar in French Literature (3)

GENERAL SCIENCE (Sci)

- 198 Technology, Ecology, and Man (4)

GEOGRAPHY (Geog)

- 101 Elements of Physical Geography (3)
- 102 World Regional Geography (3)
- 151 Economic Geography (3)
- 314 Geography of the Tropics (3)
- 326 Conservation of Natural Resources (3)
- 352 Geography of Japan (3)
- 355 Geography of South Asia (3)
- 356 Geography of Southeast Asia (3)
- 365 Geography of the Pacific (3)
- 427 Land and Water for Recreation (3)
- 650(4) Seminar in Geography of the Philippines (3)
- 665 Seminar in Geography of the Pacific (3)
- 700 Seminar in Human Ecology (3)
- 799 Directed Research (arr.)
- 800 Thesis Research (arr.)

GEOSCIENCES (Geosc)

- 200 Geology of the Hawaiian Islands (4)
- 799 Directed Reading and Research (arr.)
- 800 Thesis Research (arr.)

GERMAN (Ger)

- 101 Elementary German (4)
- 102 Elementary German (4)
- 106 German Proficiency (3)

- 201 Intermediate German (3)
- 202 Intermediate German (3)

HAWAIIAN (Haw)

- 101 Elementary Hawaiian (3)
- 201 Intermediate Hawaiian (3)

HISTORY (Hist)

- 151 World Civilization (3)
- 152 World Civilization (3)
- 281 Introduction to American History (3)
- 282 Introduction to American History (3)
- 405 History of Southeast Asia (3)
- 409 History of China (3)
- 413 History of Japan (3)
- 424 History of the Hawaiian Islands (3)
- 425 United States in the Pacific (3)
- 426 The Ancient Near East (3)
- 429 Roman Civilization (3)
- 433 C. Julius Caesar (3)
- 435 Renaissance and Reformation, 1300-1600 (3)
- 439 Europe in the 19th Century (3)
- 459 Constitutional History of England (3)
- 461 Colonial America to 1790 (3)
- 465 Troubled Peace: U.S. History 1920-1941 (3)
- 481 American Thought and Culture (3)
- 497 Senior Tutorial (East Asia) (4)
- 601 Seminar in Historical Method (3)
- 602 Seminar in Historiography (3)
- 652 Seminar in Southeast Asian History to 1600 (3)
- 665 Seminar in Japanese History (3)

HUMAN RESOURCES DEVELOPMENT

Fashion Design, Textiles and Merchandising (FDM)

- 125 Fashion Analysis (3)
- 213 Textiles (3)
- 301 Man and Clothing (3)
- 316 Advanced Pattern Designing (3)
- 329 Field Experience (2) (8-week course)
- 418 Costumes of South and Southeast Asia (3)

Food and Nutritional Sciences (FN)

- 377 Institute on Foods of the Pacific (3)
- 499 Directed Reading and Research (arr.)

June 16-July 2

- 487 Nutrition as a Behavioral Science (3)

Food Science (Fd Sc)

- 699 Directed Research (arr.)
- 799 Directed Research (arr.)

Food Service Administration (FSA)

- 283 Classical Food and Beverage Management (3)
- 499 Directed Reading and Research (arr.)

Nutrition (Nutr)

- 699 Directed Reading and Research (arr.)

Human Development (HD)

- 231 Introduction to Human Development (3)
- 232 Introduction to Human Development (3)
- 341 Family Relationships (3)
- 345 Group Leadership (3)
- 430 Work with Parents (3)

INDONESIAN (Ind)

- 111 Intensive Elementary Indonesian (6)
- 303 Accelerated Third-Level Indonesian (6)

JAPANESE (Jap)

- 101 Elementary Japanese (3)
- 111 Intensive Elementary Japanese (6)
- 201 Intermediate Japanese (4)
- 301 Third-Level Japanese (3)
- 303 Accelerated Third-Level Japanese (6)
- 362 Japanese Literature in Translation—Modern (3)
- 401 Fourth-Level Japanese (3)
- 451 Structure of Japanese (3)
- 455 Topics in Japanese Grammar (3)
- 470 Language and Culture of Japan (3)

JOURNALISM (Journ)

- 150 The Press and Society (3)

KOREAN (Kor)

- 111 Intensive Elementary Korean (6)

LATIN (Latin)

- 101 Elementary Latin (3)
- 201 Intermediate Latin (3)

LIBRARY STUDIES (LS)1st 3-week period—June 15-July 3

- 601 Bibliography and Reference Sources (3)
- 605 Basic Cataloging and Classification (3)
- 615 Building Library Collections (3)
- 682 Reading Materials for Youth (3)
- 716 International Publishing and Bibliography (3)

2nd 3-week period—July 6-July 24

- 602 Advanced Reference Sources (3)
- 610 Social Functions of Libraries (3)
- 650 Administration of Libraries (3)
- 681 Reading Materials for Children (3)
- 683 Service for Children and Young People (3)
- 705 Asian Reference Sources (3)

LINGUISTICS (Ling)

- 102 Introduction to the Study of Language (3)
- 320 General Linguistics (3)
- 621 Phonology (3)
- 630 Field Methods (3)
- 645 Introduction to Comparative Method (3)
- 650 Advanced Linguistic Analysis (3)
- 699 Directed Research (arr.)

MATHEMATICS (Math)

- 100 Survey of Mathematics (3)
- 111 Introduction to Mathematics (3)
- 201 Finite Mathematics (3)
- 232 Ordinary Differential Equations (3)
- 301 Introduction to Numerical Analysis (3)
- 371 Elementary Probability Theory (3)

(June 15—August 21)

- 134 Pre-Calculus Mathematics (4)
- 205 Calculus I (4)
- 206 Calculus II (4)
- 231 Multi-Variable Calculus (3)
- 311 Linear Algebra (3)
- 351 Foundations of Euclidean Geometry (3)
- 412 Abstract Algebra (3)
- 431 Advanced Calculus I (3)

MEDICAL TECHNOLOGY (MT)

- 466 Internship (4)

MICROBIOLOGY (Micro)

- 130 General Bacteriology (3)
- 351 Prokaryotic Biology (3)
- 665 Electron Microscopy (3)
- 699 Directed Research (var.)
- 795 Special Topics—Entropy for Biologists (3)
- 800 Thesis Research (var.)

MUSIC (Mus)

- 140 Recreational Music (2)
- 160 Introduction to Music Literature (3)
- 170 Music in World Culture (3)
- 180 Fundamentals of Western Music (3)
- 325 Conducting (1)
- 364 Topics in Contemporary Music (2)
- 401(12) Chamber Singers (1)
- 401(82) Contemporary Music Ensemble (1)
- 402 Concert Choir (1)
- 409 Concert Band (1)
- 420(12) Music Literature Laboratory: Choral (2)
- 420(52) Music Literature Laboratory: Brass (2)
- 457 Asian and Pacific Music in Education (2)
- 464 Twentieth Century Music (2)
- 497 Symposium in Music Composition (2)

- 519 Music for Elementary Teachers (3)
 557 Polynesian Music in Education (3)
 600(5) Music Education Seminar (3)

Applied Music

- 121 Class Voice (1)
 125 Elementary Class Piano (1)
 127(79) Class Koto (1)
 131, 231, 431 Individual Instruction (1)
 (11) Voice, (21) Piano, (42) Oboe, (43) Clarinet, (44)
 Bassoon, (45) Saxophone, (51) Trumpet, (52) French
 Horn, (53) Trombone, (54) Tuba, (55) Baritone, (71)
 Koto, (72) Shamisen, (79) Hawaiian Chant, (91) Jap-
 anese Dance, (94) Korean Dance, (95) Okinawan
 Dance, (96) Philippine Dance

OCEANOGRAPHY (Ocean)

- 201 Science of the Sea (3)
 699 Directed Research (arr.)
 800 Thesis Research (arr.)

PHILOSOPHY (Phil)

- 100 Introduction to Philosophy (3)
 210 Introduction to Logic (3)
 310 Twentieth Century Philosophy (3)
 315 Ethical Theory (3)
 417 Theory of Knowledge (3)
 420 Philosophy of Art (3)
 425 Philosophy in Literature (3)
 430 Existential Philosophy (3)
 470 Chinese Philosophy (3)
 725 Seminar in Modern Classical Philosophy (Kant) (3)
 740 Seminar in Philosophy of Science (Selected Problems)
 (3)
 780 Seminar in Comparative Philosophy (Heidegger and
 Taoism) (3)

PHOTOGRAPHY (Photo)

- 100 Principles of Photography (2)
 200 Experimental Photography (2)

PHYSICS (Phys)

- 100 Survey of Physics (3)
 101 Laboratory (1)
 110 Astronomy (3)
 160 College Physics (4)
 170 General Physics I (4)
 171 Experimental Analysis in Mechanics and Thermo-
 dynamics (1)
 272 General Physics II (3)
 273 Experimental Analysis in Electricity, Magnetism, and
 Optics (1)
 274 General Physics III (3)
 440 Solid-State Physics (3)

PHYSIOLOGY (Physl)

- 699 Directed Research (arr.)
 800 Thesis Research (arr.)

POLITICAL SCIENCE (PolSc)

- 110 Introduction to Political Science (3)
 300 Political Thought (3)
 301 Political Thought (3)
 305 Topics in Political Thought (3)
 320 International Relations (3)
 325 Topics in International Relations (3)
 330 Policy Formation (3)
 333 American Government (3)
 335 Topics in Policy Formation (3)
 340 Comparative Government and Politics (3)
 341 Comparative Government and Politics (3)
 345 Topics in Comparative Government and Politics (3)
 600 Scope and Methods of Political Science (3)
 630 International Relations (3)
 640 Comparative Government and Politics (3)

PSYCHOLOGY (Psy)

- 100 Survey of Psychology (3)
 113 Statistical Techniques (3)
 214 Learning and Motivation (3)
 320 Developmental Psychology (3)
 321 Psychology of Personality (3)
 423 History of Psychology (3)
 424 Abnormal Psychology (3)
 428 Social Development of Children (3)
 430 Complex Human Learning (3)
 431 Verbal Learning and Memory (3)
 432 Psychological Aspects of War and Peace (3)
 662 Social Psychology (3)
 665 Cross-Cultural Psychology (3)
 666 Psychology and Social Issues (3)
 675,677 Behavior Assessment (2-1)
 700(2) Seminar: History and Theory (3)
 700(4) Seminar: Experimental (3)
 700(5) Seminar: Physiological (3)
 700(10) Seminar: Clinical (3)
 700(12) Seminar: Learning (3)

PUBLIC HEALTH (PH)

- 791 Advanced Public Health Practice (3)
 799 Directed Reading Research (arr.)
 800 Thesis Research (arr.)

RELIGION (Rel)

- 150 Introduction to World's Religions (3)
 151 Religion and the Meaning of Existence (3)
 485 Ethics in Asian Religions (3)

RUSSIAN (Rus)

- 101 Elementary Russian (4)
- 201 Intermediate Russian (3)

SOCIAL SCIENCES (SocSc)

- 301 Man in Society (3) (Identical with Am St 301)

SOCIOLOGY (Soc)

- 151 Introduction to the Study of Society (3)
- 201 Principles of Sociology (3)
- 350 Social Disorganization (3)
- 355 Criminology (3)
- 360 Personality and Culture (3)
- 370 Social Change (3)
- 410 Population and Society (3)
- 416 The Urban Community (3)
- 425 People and Institutions of China (3)
- 441 The Family (3)
- 443 Sociology of Religion (3)
- 449 Social Stratification (2)
- 455 Juvenile Delinquency (3)
- 485 Social Statistics (3)
- 721(3) Seminar: The Family (3)

SPANISH (Span)

- 101 Elementary Spanish (4)
- 102 Elementary Spanish (4)
- 201 Intermediate Spanish (3)
- 202 Intermediate Spanish (3)
- 330 Phonetics and Pronunciation Practice (2)
- 444 Spanish Dialectology (3)
- 485 Spanish-American Prose (3)
- 697 Spanish-American Literature (3)

SPEECH-COMMUNICATION (Sp)

- 145 Interpersonal Speech-Communication (3)
- 200 Introduction to Speech-Communication Theory (3)
- 211 General Phonology (3)
- 221 Speech-Communication in the Management of Learning (3)

- 231 Reading Aloud (3)
- 251 Public Speaking (3)
- 333 Storytelling (3)
- 352 Group Speech-Communication (3)
- 484 Intercultural Communication (3)
- 491 Semantics (3)
- 521 Process in Modification of Speech-Communication Behavior (3)
- 631 Seminar in Interpretation (3)
- 785 Seminar in Speech-Communication in Innovation (3)
- 800 Thesis Research (var.)

SPEECH PATHOLOGY AND AUDIOLOGY (SPA)

- 300 Introduction to Speech Correction (3)
- 301 Introduction to Audiology (3)
- 410 Practicum in Speech Pathology (1-2)
- 411 Practicum in Audiology (1-2)
- 701 Advanced Audiology (3)
- 710 Advanced Practicum in Speech Pathology (1-2)
- 711 Advanced Practicum in Audiology (1-2)
- 799 Research (1-4)

TAGALOG (Tag)

- 111 Intensive Elementary Tagalog (6)

THAI (Thai)

- 111 Intensive Elementary Thai (6)
- 303 Accelerated Third-Level Thai (6)

VIETNAMESE (Viet)

- 111 Intensive Elementary Vietnamese (6)
- 303 Accelerated Third-Level Vietnamese (6)

ZOOLOGY (Zool)

- 101 Principles of Zoology (4)
- 310 Invertebrate Zoology (3)
- 608 Growth and Form (4)
- 699 Directed Research (arr.)

SECOND TERM (July 27 - September 4)

AGRICULTURE, TROPICAL

Agriculture (AG)

- 299 Agricultural Practice (arr.)
- 399 Agricultural Thesis (arr.)
- 510 Agricultural Education (3)

Agronomy (Agron)

- 699 Directed Research (arr.)
- 799 Directed Research (arr.)

Agricultural Economics (AEc)

- 399 Directed Study (arr.)
- 699 Directed Research (arr.)

Agricultural Engineering (AE)

- 699 Directed Research (arr.)

Animal Sciences (An Sc)

- 699 Directed Research (arr.)
- 800 Thesis Research (arr.)

Entomology (Ento)

- 399 Directed Research (arr.)
- 699 Directed Research (arr.)

Horticulture (Hort)

- 399 Directed Study (arr.)
- 699 Directed Research (arr.)
- 800 Thesis Research (arr.)

Plant Pathology (PPath)

- 699 Directed Research (arr.)

Soil Science (Soils)

- 699 Directed Research (arr.)
- 799 Directed Research (arr.)

AMERICAN STUDIES (Am St)

- 202 Introduction to American Civilization (3)
- 302 Man in Society (3) (Identical with SocSc 302)

ANTHROPOLOGY (Anth)

- 150 Introduction to Anthropology (3)
- 200 Cultural Anthropology (3)

BOTANY (Bot)

- 399 Botanical Problems (arr.)
- 699 Directed Research (arr.)
- 799 Directed Research (arr.)

BUSINESS ADMINISTRATION

Accounting (Acc)

- 201 Elementary Accounting (3)
- 202 Elementary Accounting (3)
- 307 Income Tax Problems (3)
- 323 Financial Accounting II (3)
- 325 Financial Accounting III (3)

Business (Bus)

- 300 The World of Business and the World of Man (3)
- 505 Business Environment (3)
- 601 Managerial Accounting (3)

Business Analysis and Statistics (BAS)

- 111 Applied Mathematics (3)
- 301 Business Statistics (3)
- 302 Business Statistics (3)
- 351 Electronic Data Processing for Business (3)

Business Economics (BEc)

- 342 Managerial Economics II (3)
- 362 Foreign Trade Policy and Finance (3)
- 375 Business Enterprise and Public Policies (3)

Finance (Fin)

- 300 Business Finance (3)

Insurance (Ins)

- 300 Principles of Insurance (3)

Management (Mgt)

- 321 Operations Management I (3)

Marketing (Mkt)

- 391 Marketing Strategies (3)

TRAVEL INDUSTRY MANAGEMENT

Transportation (Trans)

- 352 Passenger Transportation (3)

Travel Industry Management (TIM)

- 322 Tourism Principles II (3)

CHEMISTRY (Chem)

- 399 Directed Research (arr.)
- 799 Directed Research (arr.)

CHINESE (Chin)

- 102 Elementary Chinese (3)
- 112 Intensive Intermediate Chinese (6)
- 202 Intermediate Chinese (4)
- 206 Mandarin for Speakers of Cantonese (3)
- 302 Third-Level Chinese (3)
- 402 Fourth-Level Chinese (3)
- 452 Structure of Chinese (3)
- 462 Introduction to Modern Chinese Literature (3)

ECONOMICS (Econ)

- 120 Introduction to Economics (3)
- 150 Principles of Economics (3)
- 151 Principles of Economics (3)
- 300 Intermediate Economic Theory: National Income (3)
- 301 Intermediate Economic Theory: Price Theory (3)
- 321 Elementary Statistics (3)
- 340 Money and Banking (3)
- 400 Growth and Fluctuations (3)
- 404 History of Economic Thought (3)
- 430 Economics of Human Resources (3)
- 450 Public Finance (3)
- 461 International Finance (3)
- 492 Regional Economic Development (3)
- 602 Economic Growth and Fluctuations (3)

EDUCATION

Curriculum and Instruction (Ed CI)

- 312(5) Foundations in Curriculum and Instruction: Elementary Education (3)
- 312(10) Foundations in Curriculum and Instruction: Secondary Education (3)
- 319 Children's Literature (2)
- 320 Language Arts, Elementary (2)
- 321 Reading, Elementary (2)
- 329 Creative Expression in Elementary Education (3)
- 331 Teaching of Reading in Intermediate and High School (2)
- 345 Literature for Adolescents (2)
- 540(5) Practicum in Curriculum Development: Health and Physical (3)
- 540(9) Practicum in Curriculum Development: Science (2)
- 545 Theory and Problems of Developing Creative Ability (3)
- 597 Newspaper in the Classroom (2)
- 620 Teaching Reading in the Elementary School (3)
- 643 Public School Curriculum for Physical Education (3) (Identical with HPE 643)

Educational Communications (Ed EC)

- 630 Television in Education (3)

Educational Psychology (Ed EP)

- 408 The Emotionally Disturbed Child (3)
- 416 Tests and Measurements (3)
- 601 Guidance in the School (3)
- 605 Problems of School Adjustment (3)

Health & Physical Education (HPE)

- 103 Swimming: Beginning (1)
- 107 Tennis: Beginning (1)
- 108 Tennis: Advanced (1)
- 110 Golf: Beginning (1)
- 123 Folk and National Dances (1)
- 162 Karate (1)
- 195 Modern Health: Personal and Community (2)
- 232 Safety Procedures and Accident Prevention (2)
- 233 Physical Education: Elementary (3)
- 436 Methods and Materials of Aquatics and Life Saving (2)
- 474(2) Assessment of Physical Fitness: Secondary (3)
- 477 Physical Education and Child Development (3)
- 498 Practicum in Mood and Behavior Modifiers (3)
- 531 Practicum in Family Life and Sex Education (3) (State DOE special enrollment)
- 643 Public School Curriculum for Physical Education (3) (Identical with Ed CI 643)

ENGINEERING

Civil Engineering (CE)

- 271 Applied Mechanics II (3)
- 370 Mechanics of Materials I (4)
- 699 Directed Research (arr.)
- 800 Thesis (arr.)

Mechanical Engineering (ME)

- 311 Thermodynamics (3)
- 371 Mechanics of Solids (3)
- 699 Directed Reading or Research (arr.)
- 800 Thesis (arr.)

ENGLISH (Eng)

- 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)
- 331 Introduction to Poetry (3)
- 446 Shakespeare (3)
- 458 18th-Century English Literature (3)
- 472 American Literature (3)
- 487 20th-Century British and American Poetry (3)
- 780 Seminar in American Literature (3)

FRENCH (Fr)

- 102 Elementary French (4)
- 201 Intermediate French (3)
- 202 Intermediate French (3)
- 312 Advanced Composition (3)
- 332 Survey of French Literature (3)
- 361 French Civilization (3)

GEOGRAPHY (Geog)

- 101 Elements of Physical Geography (3)
- 102 World Regional Geography (3)
- 151 Economic Geography (3)
- 326 Conservation of Natural Resources (3)
- 335 Political Geography (3)
- 356 Geography of Southeast Asia (3)
- 421 Urban Geography (3)

GEOSCIENCES (Geosc)

- 799 Directed Reading and Research (arr.)
- 800 Thesis Research (arr.)

GERMAN (Ger)

- 101 Elementary German (4)
- 102 Elementary German (4)
- 201 Intermediate German (3)
- 202 Intermediate German (3)

HAWAIIAN (Haw)

- 102 Elementary Hawaiian (3)
- 202 Intermediate Hawaiian (3)

HISTORY (Hist)

- 151 World Civilization (3)
- 152 World Civilization (3)
- 282 Introduction to American History (3)
- 406 History of Southeast Asia (3)
- 407 National and Regional History in Southeast Asia (3)
- 410 History of China (3)
- 414 History of Japan (3)
- 427 Ancient Greek History (3)
- 437 Early Modern Europe, 1600-1800 (3)
- 438 French Revolution, 1789-1815 (3)
- 450 History of Russia (3)
- 483 The West in American History (3)
- 491 History of Africa (3)
- 619 Seminar in Russian History (3)
- 661 Seminar in Chinese History (3)
- 691 Seminar in African History (3)

HUMAN RESOURCES DEVELOPMENT

Food and Nutritional Sciences (FN)

- 499 Directed Reading and Research (arr.)

Food Science (Fd Sc)

- 699 Directed Research (arr.)
- 799 Directed Research (arr.)

Food Service Administration (FSA)

- 499 Directed Reading and Research (arr.)

Nutrition (Nutr)

- 699 Directed Reading and Research (arr.)

INDONESIAN (Ind)

- 112 Intensive Intermediate Indonesian (6)
- 404 Accelerated Fourth-Level Indonesian (6)

JAPANESE (Jap)

- 102 Elementary Japanese (3)
- 112 Intensive Intermediate Japanese (6)
- 202 Intermediate Japanese (4)
- 302 Third-Level Japanese (3)
- 361 Japanese Literature in Translation-Traditional (3)
- 402 Fourth-Level Japanese (3)
- 404 Accelerated Fourth-Level Japanese (6)
- 452 Structure of Japanese (3)
- 456 Topics in Japanese Grammar (3)

KOREAN (Kor)

- 112 Intensive Intermediate Korean (6)

LATIN (Latin)

- 102 Elementary Latin (3)
- 202 Intermediate Latin (3)

LIBRARY STUDIES (LS)

3rd 3-week period—July 27-August 14

- 642 Audio-Visual Services in Libraries (3)
- 678 Reader Services (3)
- 706 Technical Services for Far Eastern Collections (3)

LINGUISTICS (Ling)

- 102 Introduction to the Study of Language (3)
- 320 General Linguistics (3)
- 630 Field Methods (3)
- 651 Advanced Linguistic Analysis (3)
- 699 Directed Research (arr.)
- 750 Seminar (3)

MATHEMATICS (Math)

- 100 Survey of Mathematics (3)
- 111 Introduction to Mathematics (3)
- 201 Finite Mathematics (3)
- 232 Ordinary Differential Equations (3)
- 402 Partial Differential Equations (3)
- 471 Probability (3)

MEDICAL TECHNOLOGY (MT)

- 464 Immunohematology (3)

MICROBIOLOGY (Micro)

- 699 Directed Research (var.)
- 800 Thesis Research (var.)

MUSIC (Mus)

- 160 Introduction to Music Literature (3)
- 170 Music in World Culture (3)
- 180 Fundamentals of Western Music (3)
- 470 Art Music of Asia (2)
- 519 Music for Elementary Teachers (3)
- 581 Arranging (2)
- 652 Problems in Music Education (2)

OCEANOGRAPHY (Ocean)

- 699 Directed Research (arr.)
- 800 Thesis Research (arr.)

PHILOSOPHY (Phil)

- 100 Introduction to Philosophy (3)
- 210 Introduction to Logic (3)
- 376 Aristotle (3)
- 445 Symbolic Logic I (3)

PHYSICS (Phys)

- 161 College Physics (4)

PHYSIOLOGY (Physl)

- 699 Directed Research (arr.)
- 800 Thesis Research (arr.)

POLITICAL SCIENCE (PoISc)

- 110 Introduction to Political Science (3)
- 301 Political Thought (3)
- 335 Topics in Policy Formation (3)
- 640 Comparative Government and Politics (3)

PSYCHOLOGY (Psy)

- 100 Survey of Psychology (3)

PUBLIC HEALTH (PH)

- 791 Advanced Public Health Practice (3)
- 799 Directed Reading Research (arr.)
- 800 Thesis Research (arr.)

RELIGION (Rel)

- 150 Introduction to World's Religions (3)
- 151 Religion and the Meaning of Existence (3)
- 484 Religion and Social Change in Asia (3)

RUSSIAN (Rus)

- 102 Elementary Russian (4)
- 202 Intermediate Russian (3)

SOCIAL SCIENCES (SocSc)

- 302 Man in Society (3) (Identical with Am St 302)

SOCIOLOGY (Soc)

- 151 Introduction to the Study of Society (3)
- 320 Race Relations (3)
- 325 Social Institutions (3)
- 416 The Urban Community (3)
- 441 The Family (3)
- 447 Industrial Sociology (3)
- 491 Sociological Theory (3)

SPANISH (Span)

- 102 Elementary Spanish (4)
- 201 Intermediate Spanish (3)
- 202 Intermediate Spanish (3)

SPEECH-COMMUNICATION (Sp)

- 145 Interpersonal Speech-Communication (3)
- 200 Introduction to Speech-Communication Theory (3)
- 231 Reading Aloud (3)
- 333 Storytelling (3)
- 491 Semantics (3)
- 696 General Seminar in Interpersonal Communication (3)
- 784 Seminar in Intercultural Speech-Communication (3)
- 800 Thesis Research (var.)

SPEECH PATHOLOGY AND AUDIOLOGY (SPA)

- 410 Practicum in Speech Pathology (1-2)
- 710 Advanced Practicum in Speech Pathology (1-2)

TAGALOG (Tag)

- 112 Intensive Intermediate Tagalog (6)

THAI (Thai)

- 112 Intensive Intermediate Thai (6)
- 404 Accelerated Fourth-Level Thai (6)

VIETNAMESE (Viet)

- 112 Intensive Intermediate Vietnamese (6)
- 404 Accelerated Fourth-Level Vietnamese (6)

ZOOLOGY (Zool)

- 420 Embryology (4)
- 699 Directed Research (arr.)

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UNIVERSITY OF HAWAII

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