



PRESIDENT'S MESSAGE



Since its founding in 1965, Hawaii Pacific University has become Hawaii's largest private university. Together with its associated marine research center, The Oceanic Institute, HPU offers a wide range of academic programs leading to associates, bachelors, and masters degrees on three campuses, including the vital downtown Honolulu campus, the picturesque Hawaii Loa campus, and the strategically placed marine research center. Downtown, mountain, and coastline settings provide rich opportunities for integrated service learning, field, internship, clinical, and classroom learning.

Matching the rich history of diversity in the Hawaiian islands, HPU makes a special effort to bring students from Hawaii, every other American state, and more than 100 countries around the globe. Reflecting this same diversity, HPU's distinguished teaching and research faculty members are global in their composition and outlook.

HPU's student body includes adult and traditional age students, members of the military, and practicing members of the professional communities of Hawaii. Thus, we strive to offer flexible support services that meet the needs of all groups. We keep our classes small so that our faculty and staff can get to know each and every student. HPU's commitment to student learning is absolute – student learning comes first. Accordingly, we expect students to be as dedicated to their academic and professional development as we are. And, we mean that.

The rich diversity of Hawaiian life combines with a strategic location at the very center of the booming Pacific region and the caring flexibility of a private university to produce a unique learning laboratory. This combination gives our graduates a competitive advantage in an increasingly diverse and Pacific-oriented world.

Aloha, and welcome to the University where the world comes to learn.

Geoffrey Bannister, Ph.D.
President

CONSUMER INFORMATION

Hawai‘i Pacific University, in compliance with the Higher Education Act of 1965, as amended, is required to disclose consumer information to interested parents and students. This information is available in a variety of formats: e.g., HPU’s web site, catalog, student handbook, financial aid handbook, registration material, mailers and government reports. “Student Right-to-Know Information” and other consumer information about the University, such as campus security statistics, drug and alcohol abuse prevention and/or graduation rates, should be directed to:

http://www.hpu.edu/About_HPU/3-Student_Right-to-Know_Information.html

Hawai‘i Pacific University reserves the right to revise the contents of this publication. No contract is implied by this catalog. Current information can be found at the HPU website: <http://www.hpu.edu>.

ASSESSMENT INFORMATION

Hawai‘i Pacific University is committed to providing quality education and to assuring students gain the knowledge and skills necessary to be successful. Assessment of student learning provides the information HPU needs to make improvements in program structure, course content and pedagogy. To this end, information is collected at the classroom, college and institution levels. All student performance data are aggregated and confidential. If you have questions or concerns about program assessment of learning, please contact:

Office of Institutional Research and Academic Support
Hawai‘i Pacific University, 1164 Bishop Street, Suite 1506
Honolulu, HI 96813

HAWAI‘I PACIFIC UNIVERSITY COMPREHENSIVE NONDISCRIMINATION NOTICE

Hawai‘i Pacific University is an equal opportunity/affirmative action institution and prohibits discrimination against and harassment of any person on the basis of race, color, national origin, religion, gender, sexual orientation, age, ancestry, marital status, disability, arrest and court record, or veteran status.

This policy is intended to be consistent with the provisions of applicable Local, State and Federal laws and covers admission and access to, as well as participation and treatment in the University’s programs, activities, and services. With regard to employment, the University is committed to equal opportunity in all personnel actions, policies, procedures, and practices. Inquiries regarding equal opportunity policies, access for disabled persons, or complaint procedures, may be directed to:

Jan Boivin
EEO/Affirmative Action Officer
Hawai‘i Pacific University
1132 Bishop Street, Suite 310
Honolulu, HI 96813
Telephone: (808) 544-1187
E-mail: jboivin@hpu.edu

Inquiries regarding Federal law and regulations concerning nondiscrimination in education or the University’s compliance with those provisions may also be directed to:

Seattle Office
Office for Civil Rights
U.S. Department of Education
915 Second Avenue, Room 3310
Seattle, WA 98174-1099



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GENERAL INFORMATION

HAWAI'I PACIFIC UNIVERSITY

is an independent, coeducational, career-oriented, comprehensive university with a foundation in the liberal arts. The University offers degrees in the Bachelor of Arts and the Bachelor of Science in a variety of disciplines as well as the Bachelor of Social Work and Bachelor of Education. Graduate degrees are offered in the Arts, Business Administration, Education, the Sciences, and Social Work. HPU also offers Associates degrees through the Military Campus Programs.

Hawai'i Pacific University is:

- Accredited by: the Accrediting Commission for Senior Colleges and Universities of the Western Association of Schools and Colleges, 985 Atlantic Avenue, Suite 100, Alameda, CA 94501, (510) 748-9001; the Council on Social Work Education, 1725 Duke Street, Suite 500, Alexandria, VA 22314-3457, (703) 683-8080; and the National League for Nursing Accrediting Commission, 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, (404) 975-5000.
- Designated as a State Approved Teacher Education (SATE) institution by the Hawai'i Teacher Standards Board.
- Approved for Veterans' benefits and authorized to enroll nonimmigrant alien students.
- A cooperative education institution offering a variety of career-related work experiences and internships as an integral part of the curriculum.
- Located on three distinctive sites: an urban campus in the hearts of downtown Honolulu; a rural residential campus on the windward side of O'ahu; and a scientific research and teaching institute in East Honolulu. Programs and courses are also offered on O'ahu military installations and online.

Please refer to the Hawai'i Pacific University website at <<http://www.hpu.edu>> for the latest updates on academic programs and university policies.

MISSION

Hawai'i Pacific University is an international learning community set in the rich cultural context of Hawai'i. Students from around the world join us for an American education built on a liberal arts foundation. Our innovative undergraduate and graduate programs anticipate the changing needs of the community and prepare our graduates to live, work, and learn as active members of a global society.

LOCATION

Hawai'i Pacific University's campuses are located on the island of O'ahu. The main campus is in the heart of Honolulu's downtown business and financial district, within the center of the state's capital district. Students have ample opportunities to make the transition from student to worker in the various business offices, not-for-profit organizations, government agencies, financial institutions, and accounting firms and law firms in the area. Many of the University's adjunct instructors are practitioners at the top of their professions who bring contemporary, real-life experiences into the classroom. The main campus, situated along Bishop Street and the upper Fort Street Mall, is within walking distance to department stores, book shops, and restaurants. Iolani Palace, the only palace in the United States, is a few blocks away, as are the State Capitol, City Hall, other government buildings, and the Blaisdell Concert Hall and International Center Arena. The Honolulu Academy of Arts, Bishop Museum (the State Natural and Cultural History Museum), the Mission Houses Museum, Museum of Contemporary Art, Waikiki Aquarium, Honolulu Zoo, Waikiki Shell, and many other cultural and recreational areas are easily accessible to students.

The Hawai'i Loa campus of Hawai'i Pacific University is located on the windward side of the island of O'ahu and offers students an idyllic campus setting with rolling hills and lush greenery. The campus residence halls, dining commons, library, bookstore, science labs, and recreational facilities provide students with a wide range of ame-

nities. Various shopping malls, restaurants, beaches, and historic and scenic sites also are within reasonable distance and accessible by Honolulu's public transportation system. Programs and courses are offered on O'ahu military installations and online.

THE OCEANIC INSTITUTE

The University's marine laboratory facility is located at The Oceanic Institute (Affiliate) at Makapu'u Point. At the Institute, HPU seeks to establish a leading global center for research and education in the marine, environmental, and life sciences, serving Hawai'i, the nation, and the world.

The Oceanic Institute, located on approximately 60 acres on O'ahu's east shore just 20 minutes away from Hawai'i Pacific University's Hawaii Loa campus in Kaneohe, offers undergraduate and graduate courses in the marine and environmental sciences. As the location of the Masters of Marine Science program, it provides unparalleled access to natural habitats as well as extensive research and educational facilities.

The Institute is known for the development of technology designed to increase aquatic food production, restore marine fisheries, and protect ocean resources. Included within Oceanic Institute's 40,000 square feet of laboratory and office space are the Oceanic Learning Center and the HPU Marine Sciences Program Office, along with aquatic feeds research, microbiology and chemical analytical facilities. An additional 96,000 square feet of tank space provides hatcheries for shrimp, ornamental fish, finfish and other marine species.

Hawai'i Pacific University has been expanded and enhanced through partnership with one of the world's leading aquaculture research organizations. HPU students and faculty have access to Oceanic Institute's extensive laboratories for research and education in marine science, environmental science and biotechnology.

HISTORY

Recognizing the need for an independent, nonsectarian liberal arts college in Honolulu, four prominent and public-spirited citizens—Eureka Forbes, Paul C. T. Loo, Elizabeth W. Kellerman, and The Reverend Edmond Walker—applied for a charter of incorporation for a not-for-profit corporation to be called Hawai'i Pacific College. The state of Hawai'i granted a charter of incorporation to Hawai'i Pacific on September 17, 1965.

In September of 1966, Honolulu Christian College merged into Hawai'i Pacific College, and a new charter was granted by the state of Hawai'i.

In 1967, Dr. James L. Meader became Hawai'i Pacific College's first President. President Meader, in consultation with community leaders, developed a comprehensive educational program to meet various higher educational needs for the state of Hawai'i.

When Dr. Meader retired on June 30, 1968, the Board of Trustees elected The Reverend George A. Warmer as Hawai'i Pacific's second President. Under President Warmer's leadership, the College implemented academic programs in the liberal arts and cooperative education.

In 1972, Hawai'i Pacific College graduated seven students in its first commencement class and in the same year established a School of Business Administration. Chatt G. Wright became the founding Dean of Hawai'i Pacific's new School of Business Administration.

In 1973, the College received full accreditation from the Western Association of Schools and Colleges. The following years saw the creation of the Division of Special Programs, which later became Military Campus Programs, administering off-campus instruction on various military installations on O'ahu.

In 1976, Hawai'i Pacific introduced the Associate of Science Degree in Management program at Schofield Barracks. We have

since expanded to offering several Associate, Baccalaureate, and Master degrees on O'ahu's military bases. A vibrant online program extends worldwide.

President Warmer retired in 1976, and Chatt G. Wright became Hawai'i Pacific's third President. Under President Wright's leadership, Hawai'i Pacific saw rapid and continuous expansion. Augmenting its thriving undergraduate program of baccalaureate and associate degrees, Hawai'i Pacific successfully launched its first graduate program, a Master of Business Administration (MBA) in 1986. Now there are over a dozen graduate programs in a wide variety of disciplines.

Hawai'i Pacific continued to expand and develop throughout the 1980s, and in 1990 became Hawai'i Pacific University.

In 1992, Hawai'i Loa College, a small, independent, liberal arts college located on the windward side of O'ahu, merged into Hawai'i Pacific University. This historic merger has brought together the strength of two academically strong institutions, and has helped to expand Hawai'i Pacific University's role as a leader in higher education for the state of Hawai'i and the Pacific Basin.

On July 1, 2003, The Oceanic Institute, a scientific research organization located on O'ahu that is dedicated to the development of oceanographic, aquaculture, and marine technologies, became affiliated with Hawai'i Pacific University. Through affiliation, enhanced learning and research opportunities in the natural sciences have become available to HPU faculty and students. Affiliation provides The Oceanic Institute with valuable links to a University with outstanding programs in marine biology, environmental sciences, and oceanography.

President Wright retired in 2011, and Dr. Geoffrey Bannister became Hawai'i Pacific University's fourth president. Dr. Bannister is a strong advocate for international and study abroad education and his extensive experience in these areas complements Hawai'i Pacific University's global mission.

ACCREDITATION

Hawai'i Pacific University is accredited by the Accrediting Commission for Senior Colleges of the Western Association of Schools and Colleges. The University is also a member of the American Assembly of Collegiate Schools of Business (AACSB).

The School of Nursing Programs (BSN and MSN) are approved by the Hawai'i State Board of Nursing and accredited by the National League for Nursing Accrediting Commission, Inc. (NLNAC).

The Bachelor of Social Work program is accredited by the Council on Social Work Education (CSWE).

The School of Education has received state approval status from the Hawai'i Teacher Standards Board (HTSB).

Hawai'i Pacific University is a member of the Servicemembers Opportunity Colleges (SOC) Consortium and is a network member.

VISITORS

Students, families, and other individuals interested in touring any or all of our campuses should call the Office of Admissions at (808) 544-0238 or 1-866-CALL HPU (1-866-225-5478) to schedule an appointment. Please give two weeks notice of your arrival, if possible. Administrative offices are open Monday through Friday, 8 a.m. to 5 p.m.

HPU ON THE INTERNET

HPU's web site, <<http://www.hpu.edu>>, provides overviews on academic programs, course descriptions, the academic calendar, admissions, planned visits to various cities and countries by HPU's admissions staff and student services, and other information of interest to prospective and current HPU students. The university's intranet, HPU Pipeline, is an information and communication web portal available exclusively to HPU students, faculty and staff. It provides

easy access to campus email, the student information system, learning management system, and other internal HPU services. HPU Pipeline features message boards, chat capabilities, a personal calendar, and links to library resources available only to current members of the HPU community. Important announcements, college news and events as well as University policy and procedures are posted to HPU Pipeline. For technical assistance with HPU Pipeline, please call Computing Services at (808) 566-2411 or email to helpdesk@hpu.edu.

DISTANCE EDUCATION

Hawai'i Pacific University's distance education programs provide individuals anywhere the opportunity to take HPU courses leading to a degree or certificate. These programs replicate existing on-campus programs but are delivered via the Internet.

Successful distance learners tend to be goal-oriented, good readers and writers, able to work independently, prioritize their workload, and are comfortable with technology.

Most distance education courses are highly interactive and, while time requirements for individual courses may vary considerably, a typical distance education course will require at least the same amount of time as a traditional classroom course. Students are expected to complete all course requirements within the established period that the course is offered.

Most distance education courses can be completed entirely online; in which case, students will not be required to come to campus. Some distance education courses may require that students report to an approved testing site periodically to take an examination or for other requirements.

Students interested in taking online courses or pursuing a degree online should consult with an Academic Advisor for assistance. International Students living in the United States, traveling on an F-1 VISA, have additional limitations on how many online courses can be taken in a given semester.

The Distance Education portion of the website <http://www.hpu.edu/Distance_Education/index.html> provides more detailed information about distance education courses and programs.

STUDENT BODY

Combined student enrollment for all Hawai'i Pacific campuses in Fall 2010 exceeded 8,300 full- and part-time students. The diverse student body is composed of students from every state in the U.S. as well as more than 100 countries from around the world. Enrollment in the graduate programs exceeded 1,200 in Fall 2010. Students range in age from 17 to over 70 with a significant number of adult learners in both the undergraduate and graduate programs.

FACULTY AND STAFF

Some 1,100 men and women make up the faculty and administrative staff of Hawai'i Pacific University — individuals who share the University's mission as an institution of higher learning and its credo of personal

and individualized attention and service to both students and the community. Staff and faculty are seen as a team of professionals working together to actualize the institution's mission and goals, as well as educational and career objectives of students, faculty, and staff. Administrative staff and faculty members jointly serve on key committees and task forces of the University. Key administrators and faculty have credentials from major universities in the United States and around the world, including Harvard, Yale, Princeton, Stanford, Michigan, Berkeley, Columbia, Pennsylvania, the Sorbonne, and Cambridge.

Augmenting the career faculty are leading practitioners in the arts, government, the not-for-profit sector, business, technology, accounting, and law, who provide students with the most contemporary and pragmatic orientation to their respective fields available in any college or university in Hawai'i. Although a great many faculty have international reputations as scholars, all are primarily classroom instructors, because teaching and learning constitute the principal responsibilities of HPU.



The Oceanic Institute at Makapu'u Point



ADMISSION, FINANCIAL AID, AND TUITION



ADMISSION: GENERAL

Admission to Hawai'i Pacific University and to any of its degree programs is based primarily upon a combination of academic ability and motivation. All applicants are reviewed without regard to age, color, creed, marital status, national or ethnic origin, physical handicap, race, religion, or sex. A student's previous academic records, grade point average (GPA), extra-curricular involvement, and work experience are all used to determine eligibility for enrollment.

FIRST-TIME FRESHMEN: U.S. CITIZENS AND PERMANENT RESIDENTS (For most majors)

GPA

Students are expected to have a 2.5 GPA or above in high school college preparatory courses. The greatest weight is given to courses taken in the junior and senior years. Students with a GPA lower than a 2.5 may be considered for admission but will be requested to submit two letters of recommendation, one of which should be from the student's high school counselor. Students should also submit a two-page essay describing their educational and personal objectives. HPU encourages students to take Advanced Placement (AP), International Baccalaureate (IB), or other honors courses.

High school graduates and students who have completed a secondary level of education, but who have not been attending classes for 10 or more years, should contact the Center for Graduate and Adult Services. They will provide assistance in determining the relevant documents needed to facilitate admission into the University.

TEST SCORES

Students should have results from the Scholastic Aptitude Test (SAT) or American College Testing (ACT) sent to the Office of Admissions if the results are not on their high school transcripts. While strong scores enhance a student's chances of admission, low scores alone do not prevent acceptance.

LETTERS OF RECOMMENDATION

Letters of recommendation are encouraged but not required of all students. However, recommendations may be required of some students, as stated above.

TRANSCRIPTS

Transcripts must be "official" and must be sent directly from the school registrar or institution's records office. Official documents should not be faxed or photocopied, and must contain an original signature, stamp or seal.

ESSAY

Generally, students are encouraged, but not required, to submit an essay with their application stating personal and educational objectives.

RECOMMENDED HIGH SCHOOL COURSES

In preparation for undertaking academic studies at the University, it is recommended that applicants have completed at a minimum the following courses:

4 years	English
4 years	History or Social Science
3 years	Mathematics
2 years	Science

ADMISSION REQUIREMENTS FOR HOME-SCHOOLED APPLICANTS

- Completion of the HPU application form.
 - Submission of SAT or ACT exam results (SAT II subject exams recommended).
 - Submission of transcript/record of grades and statement describing home school structure and mission.
 - A writing sample in addition to the personal statement on the application for admission.
 - Two letters of recommendation (other than parent or relative).
 - An interview with a member of the admission committee.
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ADVANCED PLACEMENT OF FRESHMEN STUDENTS

Students who have taken the Advanced Placement Examinations of the College Board or the International Baccalaureate Program should have the official results forwarded to the Office of Admissions. These results will be evaluated for proper advanced standing and/or credit.

FIRST-TIME FRESHMEN: INTERNATIONAL STUDENTS

Students are required to submit official transcripts from their high school or international equivalent (HKCEE, SPM, SMA, GCE "O" and/or "A" level results). These results will be reviewed along with other relevant academic and work experience information provided by the student.

ENGLISH PLACEMENT EXAMS

The University requires international students to submit English placement results in order to be accepted. Students may submit one of the following English placement exams with the following scores:

The English proficiency tests and minimum scores that HPU recognizes are:

<u>Recognized Tests</u>	<u>Minimum Score</u>
Paper-based TOEFL	550, Essay 5
Computer-based TOEFL	213, Essay 5
Internet-based TOEFL	80, Writing 25
International English Language Testing System (IELTS)	6
ELS Completion of level	112
Certificate of Proficiency in English (CPE)	Grade of C or better
Certificate in Advanced English (CAE)	Grade of A
English Language Proficiency Test (ELPT)	965

Scholastic Assessment Test (SAT)	430 or more in English
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American College Testing Assessment (ACT)	18 or more in English
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Advanced Placement International English Language test (APIEL)	3
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Pearson Test of English Academic (PTE Academic)	overall 58
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TRANSFER STUDENTS

24 or more transferable credits

Students seeking to transfer to HPU with 24 or more transferable credits are required to have a 2.0 GPA or higher.

23 or less transferable credits

Students seeking to transfer to HPU with fewer than 24 transferable credits must also submit their official high school transcripts, GED or their international equivalent (HKCEE, GCE, "O" levels, etc.) for review. A combination of both secondary and post-secondary transcripts will be reviewed, with greatest weight given to post-secondary transcripts. A student should have a 2.0 or above at the post-secondary level and a 2.5 or above at the secondary level.

Applicants transferring from U.S. schools must submit official transcripts from each regionally accredited college or university attended in order to be considered for transfer credit. Applicants transferring from schools located outside of the U.S. must also submit official, English-translated transcript(s) and course descriptions.

For applicants who have been out of school for several years, Hawai'i Pacific University makes a comprehensive assessment by examining not only their prior academic performance but other factors as well. Work experience and a student's motivation to succeed are taken into consideration along with letters of recommendations.

PLACEMENT TESTS

Certain classes at the University require assessment prior to enrollment so that the student may be placed in the appropriate level of course work. The most common example of this would be in writing, math, and modern language courses. For placement into writing and math courses, SAT, ACT, TOEFL, IELTS, CAI, CPE exams, PTE Academic, and/or prior university coursework are among the items considered for exemption from HPU placement exams and for direct placement into courses. If a student does not achieve qualifying scores on the above exams, he or she will sit for HPU’s placement exams during the registration period. Those students who have had previous modern language course work experience may choose to take placement exams prior to taking modern language courses at HPU. Modern language placement exams may be arranged by contacting an Academic Advisor in the appropriate Academic Advising Center.

International students who do not submit qualifying results on the recognized English proficiency tests (see page 11) will need to apply to HPU’s ELS Language Center. Students can fulfill the HPU English requirement by completing ELS Level 112. Students may concurrently enroll in HPU programs while in ELS Levels 110, 111, and 112.

BACKGROUND CHECKS

All students should be advised that Hawai‘i Pacific University offers courses of study in many different fields, some of which prepare students for professional careers that require licenses from the various states where our graduates might find employment. Many of these states condition the granting of licenses based on criminal background checks to determine whether the applicant has felony criminal convictions. Also, some of the courses offered at Hawai‘i Pacific University require that criminal background checks be conducted prior to placement in field-based activities or acceptance of students into the clinical type courses which are conducted off campus in community

agencies. As students decide to enter various degree programs here, they should carefully read the specific program handbooks and requirements and confirm the requirements for post-graduate employment.

ADMISSION TO MARINE SCIENCE AND ENVIRONMENTAL SCIENCE MAJORS

ADMISSION OF FRESHMEN

Freshmen admitted “regular status” to these scientifically rigorous majors must have a secondary school record that clearly demonstrates both ability and motivation. In addition to satisfying all regular Hawai‘i Pacific University requirements, students must also have completed three years of high school science courses including biology and chemistry (physics is recommended) and mathematics through trigonometry (calculus is recommended), with a cumulative GPA of 3.0 or better in these courses. Exceptionally high scores on either the SAT or ACT examinations may allow students to be admitted with “regular status” even though they do not quite meet all of the above criteria.

Students not meeting the above criteria may be admitted to these majors with “provisional status” if they have at least one year of chemistry, one year of biology, and two years of algebra, with a cumulative GPA of 2.5 or better in these courses.

Students not meeting the minimum requirements for admission to these majors with “provisional status,” but meeting normal HPU admission requirements, should consider the closely related BA degree with a major in Environmental Studies.

Students not accepted into the Marine Biology or Environmental Science majors may have an opportunity to enroll in these majors at the end of the freshman year, after demonstrating the ability to successfully complete college-level science and mathematics courses. Students should work directly with their academic advisor.

EARLY ENTRY

High school juniors and seniors with above average academic records, who have exhausted the appropriate academic coursework at their high schools, and who can demonstrate that they would benefit from a university environment, may apply for early entry into the University. An assessment and recommendation from a high school counselor is required.

SPECIAL STATUS (UNCLASSIFIED) STUDENTS

U.S. citizens or permanent residents who wish to take undergraduate credit courses at Hawai'i Pacific, who are not seeking a degree or participation in the cooperative education or financial aid programs, may apply directly at the Admissions Office. Non-native speakers of English may be asked to demonstrate their English proficiency. Special status applicants must fill out an application, offer proof of TB clearance, and pay all applicable fees. Credit taken in this category is limited to 15 credit hours. These credits may be applied to a degree program should a special status student apply for admission as a degree-seeking student. Any student who has completed 15 credit hours as a special status student must consult an admissions counselor and complete the admission process in order to continue taking courses. Students who wish to maintain special status beyond 15 credits must petition through their Academic Advisor.

ADMISSION TO MILITARY CAMPUS PROGRAMS

See Military Campus Program section, page 273.

STUDY ABROAD AT HAWAI'I PACIFIC UNIVERSITY PROGRAM

A Study Abroad student is defined as an international student currently attending another university who wants to attend HPU for a predetermined period of time

and take university level classes that have been pre-approved by the student's home institution.

To establish status as a Study Abroad student, one must apply directly to the "Study Abroad at Hawai'i Pacific University Program" using the appropriate application form and be accepted directly to the program. In addition to completing the Study Abroad application the student must also submit university transcripts from home university and course descriptions (in English) of all courses taken at the home university. Study Abroad students will be allowed to register for classes that have been approved by both their home university and by Hawai'i Pacific University. (For upper level subjects HPU will require that the student has undertaken previous study in that discipline).

If a study abroad student later decides to become a degree seeking student at HPU, he or she will be required to abide by the University's catalog requirements for the student's major. In this case, a transcript evaluation will be completed to determine the award of transfer credits.

HEALTH REQUIREMENTS

TB Clearance

Hawai'i Public Health Regulations require that every student submit a valid certificate issued in the United States indicating that he or she is free of active tuberculosis. This must be done prior to or at the time of school registration. Clearances are considered valid if they are given within 12 months prior to enrollment. This clearance may be obtained free of charge at several testing clinics on O'ahu. Students taking only online courses are exempt from this requirement. Please contact the Registrar's Office at (808) 544-0239 for more information.

Measles Immunization

Hawai'i Public Health Regulations require that every applicant submit medical proof for Measles (Rubeola) Immunizations prior to registering for classes. Two doses of live vaccine or two doses of MMR separated by

at least one month are required. First dose must have been given as of January 1, 1968. Measles immunization may be waived if: 1. student was born before 1957 (provide proof of birthdate); 2. physician had confirmed diagnosis in the past or serologic evidence of immunity is presented (provide a signed statement from your physician written on official stationery); 3. student is taking only online courses.

Health Insurance

We strongly urge all HPU students to have medical insurance. If you are a student from the U.S. mainland or an international student, contact your insurance carrier regarding the scope of coverage in Hawai‘i. For more information on the HPU student health plans, go to <<http://www.hpu.edu/healthcare>>.

All full-time international students are **REQUIRED** to purchase one of the HPU plans or obtain a waiver. If you wish to obtain a waiver, your medical insurance must meet the following requirements:

- Valid coverage dates for the entire term
- Coverage for outpatient care, hospitalization, emergency room, accidents, medical and surgery in Hawaii
- Non-reimbursement policy
- Minimum \$100,000 coverage
- Medical benefits of at least \$50,000 per accident or illness
- A deductible not to exceed \$500 per accident or illness
- At least 75% coverage for each accident or illness

Additional requirements for international students only:

- Repatriation of remains in the amount of \$7,500
- Expenses associated with the medical evacuation of the exchange visitor to his or her home country in the amount of \$10,000

Plans that are NOT accepted include:

- Life insurance policies
- Travel insurance policies
- Accident or hospitalization-only plans
- Reimbursement policies

To obtain a waiver, international students must submit proof of medical coverage in ENGLISH only. Please take care of this BEFORE the semester begins. For more details, go to <<http://www.hpu.edu/healthcare>> or contact the Registrar’s Office at (808) 544-0239 or toll free: 1-866-CALL-HPU, ext. 6 (U.S. and Canada only).

Department of Homeland Security regulations require that colleges and universities certify that international students have sufficient funds on hand to defray expenses in the event of an emergency. Hawai‘i Pacific University has determined that a mandatory health care program best satisfies this requirement for our international students.

APPLICATION FORM

To receive an application for admission write, call, fax, or download an application from the University Web page.

For domestic students, please submit your application to:

Office of Admissions
Hawai‘i Pacific University
1164 Bishop Street, Suite 200
Honolulu, HI 96813-9887
TEL (808) 544-0238
FAX (808) 544-1136
Email: admissions@hpu.edu
Web: <<http://www.hpu.edu>>

For international students, please submit your application to:

Office of International Admissions
Hawai‘i Pacific University
1164 Bishop St, Suite 1100
Honolulu, HI 96813-9887
TEL: (808) 543-8088
FAX: (808) 543-8065
Email: international@hpu.edu
Web: <<http://www.hpu.edu/international>>

FINANCIAL AID

GENERAL

The Financial Aid Program at Hawai‘i Pacific is designed to help students supplement their financial resources and those of their parents or spouses in financing their educa-

tion. Since the responsibility for education lies first and foremost with the student and the student's family, each is expected to contribute financially toward the educational expenses of the student according to ability. Such factors as income, assets, number of dependents, etc., are taken into consideration. The University recognizes that a family may not be able to meet all of the student's educational expenses and has a strong commitment to awarding need-based financial aid.

HAWAII PACIFIC UNIVERSITY FINANCIAL AID HANDBOOK

Visit <<http://www.hpu.edu/financialaid>> for details about financial aid. Information such as student's rights and responsibilities, how the selection, notification, and disbursement of funds process works, terms and conditions of awards, the federal refund policy and so forth are found on the website.

FINANCIAL AID OFFICE

The Financial Aid Office located at our downtown campus, is open Monday-Friday (except holidays), 8:00 a.m. to 5:00 p.m., and may be reached by calling (808) 544-0253, or toll-free (U.S. and Canada) 1-866-CALL-HPU (225-5478).

APPLICATION PROCEDURES

To be considered for federally funded financial aid at Hawaii Pacific University, an applicant must:

1. be a U.S. citizen or eligible noncitizen;
2. have a high school diploma, GED, or equivalent certification, or two years of credits toward a baccalaureate degree;
3. be enrolled as a regular student in a degree-seeking program;
4. have filed a Free Application for Federal Student Aid (FAFSA);
5. have submitted all verification documents required by the Financial Aid Office;
6. be making satisfactory academic progress toward a degree (continuing students);
7. not be in default on a loan or owe a refund on a federal grant;

8. have a demonstrated financial need or otherwise be eligible for an unsubsidized loan program
9. be registered with Selective Service, if required;
10. comply with federal Anti-Drug Abuse Certification requirements and agree to use student aid only for education-related expenses.

The FAFSA is available online at <<http://www.fafsa.ed.gov>>. A paper FAFSA can be obtained by calling 1-800-433-3243. Financial aid is not automatically renewable from one year to the next, so a FAFSA or Renewal FAFSA must be submitted each year after January 1. Submission of the FAFSA serves as the one-time annual application for all federal financial aid programs.

The process of applying for financial aid takes about six to eight weeks to complete. Processing time is reduced by filing online. Students submitting a FAFSA by March 1 will be given first consideration for all forms of financial aid. The University will make offers of financial aid beginning in mid-March to all applicants who have been accepted for admission and for whom the University has received processed information from the federal government's central processor.

FORMS OF FINANCIAL AID

Grants and scholarships are direct gifts that do not require repayment. Federal grants are available to students who have demonstrated exceptional financial need through the processed FAFSA, which undergoes need analysis computation by the federal government.

Loans are borrowed money which must be repaid with interest. Most loan programs allow students the opportunity to defer repayment for their education until they have graduated from the University. Student loans generally have low interest rates and allow for long term repayment. Most loans administered by the University are sponsored by the federal government.

Federal College Work-Study (FWS) is awarded to students who have demonstrated

need through the FAFSA analysis. Students work part time in various University departments, or in community service jobs off campus, up to the limit of their established need and are paid biweekly.

Please note: Guidelines and provisions for financial aid are based on federal legislation. As such, programs may change as legislation is changed (e.g., introduction of a new loan program, new loan limits, application changes, etc., necessitated by the Reauthorization of the Higher Education Act). For the latest information concerning financial aid, contact the University's Financial Aid Office.

FEDERAL FINANCIAL AID

The majority of funds awarded by Hawai'i Pacific University come from the federal government and are awarded primarily on the basis of demonstrated financial need (and, in some cases, when no need has been determined by the federal government).

The federal programs include:

Academic Competitiveness Grant (ACG)

For undergraduates receiving Pell Grants who are U.S. citizens enrolled full-time in their first or second academic year of study. Students must also have completed a rigorous secondary school program of study, and not been previously enrolled in an undergraduate program. A 3.0 cumulative GPA is required at the completion of the first year of postsecondary study.

National SMART Grant

For undergraduates receiving Pell Grants, who are U.S. citizens enrolled full-time in their third or fourth academic year of an eligible degree program majoring in physical, life, or computer sciences, engineering, technology, mathematics, or critical-need foreign language, and have at least a 3.0 cumulative GPA.

Federal Pell Grant

A need-based award available to students who do not have a prior bachelor's degree. The actual amount of the grant award is determined by the Expected Family Contribution (EFC), which is calculated on the basis of Federal Methodology (includes analysis

of income, assets, family size, number in college, etc.). For the 2011-2012 academic year, the Pell Grant award may range from \$400 to \$5,550 depending on the EFC calculated and enrollment status.

Federal Supplemental Educational Opportunity Grant (FSEOG)

A supplemental need-based award available to students who are eligible for a Pell Grant and do not have a bachelor's degree. Award maximum is \$2,000 per school year based on the availability of funds.

Leveraging Educational Assistance Partnership Program (LEAP), formerly HSI

Available to Hawai'i residents who are eligible for the Pell Grant and who enroll full time in an undergraduate program. Maximum \$2,000 award is based on need, and the availability of funds.

Federal Perkins Loan

A low-interest loan for which an undergraduate student at HPU may borrow at a current maximum level of \$2,000 per academic year, up to an aggregate total of \$20,000. Interest is at five percent. Repayment of the loan begins nine months after the borrower graduates or ceases to be at least a half-time student.

Nursing Student Loan (NSL)

Available to Nursing students who demonstrate financial need. Maximum awards of \$4,000 per year, or up to the student's remaining need, are made to nursing students enrolled in the final two years of their bachelor's program. Interest is five percent, and repayment begins nine months after the borrower graduates or leaves school.

Federal College Work-Study (FWS)

Available to students enrolled in an undergraduate program of study. Students may be offered work-study up to 19 hours per week depending upon financial need and the availability of funds. Awards range between \$1,500 to \$4,000 per year.

FEDERAL FAMILY EDUCATIONAL LOAN PROGRAM (FFELP)

Federal Subsidized Stafford Loan

Need-based, fixed interest loan made through a lender to undergraduate and graduate students. Generally, repayment begins six months after the borrower graduates or ceases to be at least a half-time student. Interest rate is capped at 8.25 percent. The federal government pays (subsidizes) the interest on the loan while the student is attending school. First year dependent students may borrow up to \$3,500; second year students up to \$4,500; undergraduate students who have completed two years up to \$5,500; and graduate/professional students up to \$8,500. Aggregate loan limit is \$23,000 for undergraduate students and \$65,500 for graduate and professional students (including amounts borrowed for undergraduate study).

Federal Unsubsidized Stafford Loan

Non-need based loan. With the introduction of the Unsubsidized Stafford Loan, all students, regardless of income, are able to obtain a student loan. The interest rate and loan limits are the same as the Federal Stafford Loan. Interest payments begin on the day the loan is disbursed; however, students may allow interest to accrue during in-school and other deferment periods. If accrued, interest will be capitalized by the lender and added to the loan principal. Repayment of loan principal begins six months after the student graduate or ceases to be enrolled at least half time.

Eligible independent students (24 years of age, married, etc.) may also borrow \$4,000 for the first two years of undergraduate study. Independent students who have completed two years of undergraduate study may borrow up to \$5,000. Graduate students may borrow up to \$12,000 per year. Aggregate loan limit for undergraduate students is \$46,000. Graduate and professional students may borrow a combined amount of \$138,500 (including loans borrowed at the undergraduate level).

Federal Parent's Loan for Undergraduate Students (PLUS)

Low, fixed interest, non-need based loan

available to natural or adoptive parents of dependent students. Eligible parents may borrow the cost of education (total of tuition, books, room and board, personal expenses, transportation, etc.) minus any other aid awarded (refer to student's award letter). Interest rate is capped at 9 percent. Parents must have an acceptable credit history to be eligible for the PLUS loan. Repayment usually begins 60 days after the loan is disbursed.

TUITION MANAGEMENT SERVICES

Hawai'i Pacific University offers an interest-free monthly payment option through Tuition Management Services (TMS). For more information or to set up a payment plan, contact TMS by phone (1-888-713-7234) or on-line at <<http://www.afford.com/options>>.

LEAVE OF ABSENCE

A student maintains "continuous enrollment" by being enrolled in courses at the University throughout each fall and spring semester following admission. Students who plan to interrupt their continuous enrollment should apply for a leave of absence. Prior approval must be granted by the Academic Dean. Approved leaves of absence permit students to return to their studies at Hawai'i Pacific University under the degree requirements that were in effect at the time they began their leave. Military Campus Program students are not required to file for a Leave of Absence.

Students contemplating a leave of absence who have previously been awarded a loan under the Federal Family Education Loan Program (Stafford/PLUS Loan) are required to contact the Financial Aid Office and their lender prior to commencing a leave of absence to ascertain their repayment status. Students wishing to request a leave of absence should see an academic advisor who will assist them in completing a petition requesting the leave.

HAWAI'I PACIFIC UNIVERSITY SCHOLARSHIP PROGRAMS

Hawai'i Pacific University scholarships are

awarded on the basis of merit. Applicant information may be obtained by contacting the Office of Scholarships at 1164 Bishop Street, Honolulu, HI 96813, or visit the HPU Web site at <http://www.hpu.edu/financialaid/Scholarships/>. The HPU Web site also allows students to conduct their own private scholarship search. Contact the University’s Athletic Office, 1060 Bishop Street, Penthouse, Honolulu, HI 96813, for information concerning potential opportunities to participate on an HPU athletic team and eligibility requirements to earn athletic scholarships.

TAX BENEFITS FOR EDUCATION

Hope Scholarship

The Hope Scholarship is a tax credit available for the first two years of college or postsecondary education. If eligible, up to \$1,650 can be subtracted from the total tax on the filer’s tax return. It is offered to parents or students who pay college tuition for attendance at least half time. In order for a parent to claim the credit, the student must be his or her dependent, must be under age 24 and must be enrolled at least half time in a degree program.

Lifetime Learning

Taxpayers enrolled in post-secondary education beyond the first two years will be eligible to receive a 20 percent tax credit on the first \$5,000 of tuition and required fees paid each year. The maximum deduction is \$1,000.

Tax Benefits for Interest Paid on Student Loans

The interest paid on a qualified education loan will be deductible from taxpayer income. The maximum allowance is \$2,500 per year. Both students and parents are eligible. This will not be a credit to reduce tax, but a “deduction” from gross income. The deduction is available even if the taxpayer does not itemize deductions on Schedule A.

For more information on Tax Guidelines contact:

- Your tax advisor

- The IRS hotline: (800) 829-1040 or Web site: <http://www.irs.gov>
- HPU Web site: <http://www.hpu.edu/>

TUITION

Like most independent universities, Hawai‘i Pacific receives minimal support from public funds. Tuition and fees must cover the majority of what it costs the University to provide its services, with the balance of expenses being met by income from gifts and grants. Because prompt payment of student bills is crucial for University operations, tuition and fees are due by the start date of the session.

The tuition and fee schedules can be found at the HPU website: http://www.hpu.edu/Business_Office/Tuition_and_Fee_Schedule.html. MCP students should refer to <http://www.hpu.edu/military> for current tuition and fees.

International Students

International students are accepted for an academic year of study that includes both fall and spring semesters. Additional tuition is charged for those students who elect to attend the University’s winter, summer, or other accelerated terms. An affidavit of support, showing sufficient financial resources, must be signed and returned to the Office of International Admissions. On receipt of this, an accepted international student will be issued an I-20.

The Application Fee is due at the time of application for admission. Veterans’ benefits are available to qualified veterans, military orphans, and active military personnel who are enrolled in a degree program.



STUDENT SERVICES



ADMISSIONS OFFICE

The Office of Admissions of Hawai'i Pacific University assists undergraduate students interested in applying to the University. The Admissions staff is available to answer questions about HPU, explain requirements for entrance to the University, and evaluate transfer credits from other accredited institutions of higher learning. Individual and group tours of HPU's two main campuses are available and may be coordinated through this office. For more specific information about admissions requirements, see the Admission section.

For those interested in a graduate degree and the admissions requirements, please refer to the Graduate Studies section of this catalog or visit the website: <<http://www.hpu.edu/grad>>.

FINANCIAL AID

The University participates in various federally-funded, need-based, financial aid programs, including grants, low-interest loans, and work opportunities. The University also administers merit-based scholarship programs for new and continuing students. For further information, see the Financial Aid section.

VETERANS EDUCATION BENEFITS

U.S. military veterans, active duty, members of the Selected Reserve, National Guard, and some family members may be eligible to receive education benefits through the Department of Veterans Affairs (VA). The HPU Military/Veteran Service Center is available to assist students with VA benefit information, paperwork, and enrollment certification. The Center also provides military and veteran students with a "One-Stop Shop" for academic advising, transcript evaluation, registration assistance, and support resources available on-campus and in the community.

Students planning to enroll under any VA education (GI Bill) program must first apply

for benefits at <<http://www.gibill.va.gov>>. Disabled veterans seeking enrollment under the VA's Vocational Rehabilitation and Employment (VR&E) program should contact their local VA Regional Office for more information.

Once eligibility is confirmed by the VA, students will receive a Certificate of Eligibility (COE) and the student is now ready to register for courses. Students may register for courses at any Hawai'i Pacific University registration center. Students must notify their advisor at the time of registration that they intend use their VA education benefits. Students must also contact the Military/Veterans Service Center for guidance on the processing of their course certifications. Staying in contact with the Military/Veterans Service Center will smooth the course certification process for the student, the school, and the VA. Late and adjusted certifications will result in delay of all benefit payments so it is incumbent upon the student to ensure accurate processing of program certifications.

Students using Montgomery GI Bill benefits (Chapter 33, 30, 1606, or 1607) must also verify their enrollment each month to receive payment for that month at: <<http://www.gibill.va.gov>>.

All recipients of Veterans benefits must meet satisfactory progress standards in order to continue receiving benefits. These requirements vary with course load, length of the academic term, and the degree program of study. Federal law prohibits the certification of courses that do not meet specific degree program requirements. Degree-seeking students must declare an appropriate program of study and are eligible to receive VA education benefits. Non-degree-seeking students (Special Status) are generally ineligible for VA education benefits. However, degree-seeking students from other appropriately accredited and approved institutions may take courses with Hawai'i Pacific University for transfer to their home institution provided the HPU Military/Veterans Service Center with documentation verifying the course will meet the student's degree requirements.

Students are required to immediately notify the HPU VA Coordinator of any changes to registration, tuition, or fees, for certification adjustments. Likewise, if a student fails to complete a certified course, either by drop or non-attendance, the student is required to immediately notify the HPU VA Coordinator. Students are responsible for any debts owed to the VA or the University resulting from schedule changes, drops or withdrawals, non-attendance, failure to maintain academic progress, or less-than-anticipated eligibility or ineligibility of veteran benefits regardless of original method of payment.

Questions regarding eligibility, payments, or benefits should be directed to the VA at <<http://www.gibill.va.gov>> or 1-888-GI-Bill-1. To contact the HPU VA Certifying Official, please contact <va@hpu.edu> or (808) 356-5222

RESIDENCE LIFE

Residence Life provides students the opportunity to learn, develop, and grow in its six residence halls, which are located on the lush 135-acre setting of the Hawai'i Loa campus. The residence halls provide housing to students for the full academic year.

Each of the six residence halls houses approximately 35 students and is staffed by a student Resident Advisor (RA) who lives in the building. The Residence Life Coordinator (RLC), a full-time professional staff member, also lives in the residence hall community, helping to ensure that students have a safe and secure environment in which to live and learn.

Each residence hall room is equipped with basic furniture, including a twin bed, desk, and closet space and/or dresser for each resident. The majority of rooms are shared suites with a semi-private bathroom. Each residence hall also offers a central lounge area for resident activities, group study, and programs conducted by University faculty and staff. The residence halls and residence life areas are nonsmoking areas.

The Dining Commons (DC) (managed by Sodexo) is located in the center of the

residence hall complex. The DC provides meal service for students, faculty, and staff. Meals (14 per week) are provided for all on-campus resident students. Students pay for the meal plan as part of the room-and-board housing fee. Each semester, on-campus residents also receive Dining Dollars valued at \$75. These Dining Dollars may be used to purchase food in the Dining Commons or the Snack Bar. The Snack Bar offers grilled items, beverages, and a big-screen television.

The Student Center and Fitness Center, also located in the residence hall complex, provide students with a centralized area for social activities, leisure time, exercise, and group study. At the Student Center, students may use computers with Internet access, a large-screen television, VCR, DVD player, ping pong table, and a billiard table. Residents may also check out movies, board games, and other recreational items. The Fitness Center is configured with fitness equipment, including treadmill, cross trainer, recumbent bikes, selectorized machines, benches, power rack, and an assortment of free weights.

Inquiries may be made to Residence Life via telephone by calling (808) 236-3540, by fax at (808) 236-3539, or by e-mail at housing@hpu.edu.

COMMUTER SERVICES

Commuter Services provides commuter students services and programs to meet their physical, personal safety, and educational needs; ensures equal access to services and facilities; and serves as an advocate to students living off-campus.

Commuter Services has developed positive working relationships with a wide range of O'ahu property managers and landlords in order to increase the number of rental units available to HPU students. In addition, the Commuter Services serves as a liaison between property managers and HPU students, particularly in cases of student conflict or crisis, and is in charge of the HPU Off-Campus Housing Referral Service.

HPU OFF-CAMPUS HOUSING REFERRAL SERVICE

The island of O‘ahu offers many different living arrangements—from the fast-paced city lifestyle of Honolulu (close to the downtown campus) to the quiet beach town of Kailua (near the Hawai‘i Loa campus). Commuter Services provides students with the information and resources needed to locate their own off-campus accommodations.

Although the University does not endorse or sponsor any particular apartments or landlords, Commuter Services maintains current listings of available apartments, houses, and private rooms for students to lease. Current posting are also available on HPU Pipeline e-Ads. A consolidated list of a variety of real estate management companies and available housing is available on the HPU Housing website. Inquiries may be made to Commuter Services via telephone by calling, (808)-544-1430, by fax at (808)-544-0268, or by email at: <icommute@hpu.edu>.

ACADEMIC ADVISING CENTERS

The Academic Advising Centers help undergraduate students to set and achieve academic and personal goals. The staff is available to assist undergraduate students with the following:

- Create an academic plan and track progress towards graduation
- Register, add, or drop courses
- Understand requirements for academic programs
- Select, declare, or change a major and/or minor
- Interpret academic policies and procedures
- Academic and personal success workshops
- Individualized personal counseling

Academic advisors are located on both campuses—at the downtown campus at 1164 Bishop Street (UB building), Suite 123 (phone: (808) 544-1198) and at the windward Hawai‘i Loa campus Academic Center, first floor (phone: (808) 236-3578).

Most students are assigned advisors based on their intended majors. Students who have not selected a major will work with an advisor who will guide them through selecting an appropriate major. While drop in services are available on a first-come, first-served basis on selected days, students are encouraged to call for an appointment.

CENTER FOR GRADUATE AND ADULT SERVICES

The Center for Graduate and Adult Services provides student support services to undergraduate adult students and graduate students, by providing personal attention to their program planning and concerns. The Center for Graduate and Adult Services provides information about University courses and programs, evaluates previously acquired college credit and/or documented professional education, provides academic advising, registration, assists with tuition payments, and helps students develop educational plans to meet their academic and scheduling needs.

The Center for Graduate and Adult Services also acts as a liaison to all other University programs and services, helping adults to understand and use Hawai‘i Pacific’s many options and broad support network to their fullest advantage.

MILITARY/VETERAN SERVICE CENTER

The HPU Military/Veteran Center is available to assist students with general customer service, tuition assistance processing, VA benefit information, admissions, registration, and enrollment certification. The Center supports the military community (including active duty servicemembers, Veterans, their family members and Department of Defense employees) with a “One-Stop Shop” for academic advising, transcript evaluation, registration assistance, and support resources available on-campus and in the community.

MILITARY CAMPUS PROGRAMS SERVICES

Military Campus Programs maintains a staff of full time professional academic advisors and education support personnel on all major O'ahu military installations and the Military/Veteran Center on the main campus to support the student services needs of HPU military personnel, Department of Defense civilians, veterans and their family members. A graduate academic advisor rotates between all the military installations. Academic advisors are available by telephone and email to support the student services needs of those military affiliated students who are taking courses through HPU's distance learning programs and are located away from the island of O'ahu. Further information is available in the Military Campus Programs Degree Programs section of the catalog, on the HPU web site at <http://www.hpu.edu/military> and in the quarterly Schedule of Military Campus Programs bulletin available both online and at all HPU offices located on the military installations.

CAREER SERVICES CENTER

Overview:

The Career Services Center (CSC) provides a wide array of career related services to meet the needs of all students and alumni. The professional career counseling team helps students with majors choices, career exploration and professional development so that upon graduation, they can easily transition from student to working professional. In order to gain full advantage of the services, students are encouraged to visit the Career Services Center staff early and not wait until they are ready to graduate. According to most employers, the one area most applicants lack in is experience. HPU's internships and Cooperative Education programs offer valuable work experience opportunities and provides access into the field or industry in which students are majoring. Services are provided free of charge to HPU's student body and alumni

from the downtown, windward, and military campuses. Arrangements can be made to provide services for those in HPU's distance learning programs.

Services Provided:

- Career counseling
- Interest assessments
- Cooperative education and internship program
- Job search referrals
- Résumé writing assistance
- Career shadowing experiences
- Job listings
- Mock interviews
- Pre-employment counseling

Employment for International Students

International students are allowed and encouraged to participate in work experience for academic credit. During their first year at Hawaii Pacific University, international students must strive to develop proficient English verbal and written skills, and are encouraged to learn about American social and business customs. International students have several specific eligibility requirements to qualify for participation in work off-campus. The career counselors work together with designated school officials authorized by immigration to ensure that international students find appropriate co-ops and internships and meets all legal requirements for work as defined by the U.S. Bureau of Citizenship and Immigration Services.

Location and Hours:

The Career Services Center is located at 1132 Bishop St. (FH building) on the 5th floor in Suite 502. Students and alumni are highly encouraged to schedule an appointment for one-on-one personalized services.

COUNSELING AND BEHAVIORAL HEALTH SERVICES

The Counseling and Behavioral Health Services provides a wide array of personal counseling services to assist current regis-

tered HPU students. Counseling services are provided to support each HPU student negotiate difficult or challenging life changes through various counseling opportunities, including:

- Individual counseling
- Couples counseling
- Group counseling
- Family counseling
- Referral services
- Crisis support services

Counselors provide services at both the downtown and Hawai'i Loa campuses. To schedule an appointment, please call (808) 544-1198 or (808) 236-3578. Counseling services are free and confidential to all registered HPU students.

INTERNATIONAL STUDENT SERVICES

International Student Services has full-time advisors to assist international students with all their immigration concerns. Any questions about visas, passports, F-1 regulations, J-1 regulations, I-20s, employment, or any other immigration issue can be directed to the advisors. International students who have questions concerning full-time status and travel should consult with an International Student Advisor.

International Student Services provides a variety of handouts, orientation sessions and workshops of importance to international students. The International Student Handbook which can be found at the HPU website, provides a wealth of information on adjusting to American life, travel and immigration, employment, income tax, health care, community resources, and more. Also, each April, the staff from International Student Services and the students from Hawai'i Pacific University's Council of Countries organize Intercultural Day. This one day event brings the campus to life with pageantry, culture, a parade, and performances featuring Hawai'i Pacific University students from all over the world.

The International Student Advisors are located in the International Center, 1164 Bishop Street (Suite 1100).

REGISTRAR'S OFFICE

The Registrar's Office provides HPU students with a comprehensive information and service center for registration and academic records. If you have a question about HPU services or need help with a problem, the Registrar's Office is the place to go.

Our friendly staff is available to assist students with the following services:

- General information, registration policies and procedures
- Registration inquiries; deposit clearance and registration time tickets
- Tuition and fee payments
- Student account inquiries
- Processing requests for record changes (student name, addresses, telephone and emergency contact)
- Verification letters for enrollment, degree awards and student loan deferments
- Processing requests for official transcripts or course descriptions
- Processing and post degree conferrals and issue HPU diplomas
- Student record inquiries, maintenance of all student academic records
- Processing semester grades, grade changes, forgiveness, mid-term deficiency letters, probation and suspensions
- Planning and coordinating with departments on all matters relating to student registration and academic records
- Administering the security and confidentiality of student records in accordance with FERPA
- Processing new and replacement ID cards.

The Registrar's Office is located on the downtown campus, 1164 Bishop Street (UB Building), Suite 216. Registration Centers are also located at the Hawai'i Loa campus and at each educational center of HPU's Military Campus Programs. Hours of operation are Monday through Friday, 8:00 a.m. to 5:00 p.m. (HST), excluding observed University holidays. For more information, please contact us at <registrar@hpu.edu> or (808) 544-0239.

UNICARD (ID CARD)

The UniCard photo ID card is recognized as official identification for students, faculty, and staff and is required for several activities, such as: voting in student elections, utilizing the shuttle service, borrowing materials from the University libraries, entering the University Computer Center, using the windward campus Educational Technology Center, and receiving tutoring services on both campuses. It entitles the bearer to free or reduced-rate entrance to student activities, such as athletic events and student life functions. Also, many Honolulu merchants offer discounts to holders of UniCards.

The UniCard entitles full-time undergraduate students and all graduate students to a number of print jobs at the Computer Center and the Educational Technology Center. Students exceeding the number of copies may pay to recharge the card at locations on both campuses.

ID Card Services are provided in the Registrar's Office Downtown and at the Education Technology Center on the Hawaii Loa campus. There is no charge for the initial UniCard, but there is a charge of \$15.00 for a replacement card.

New Students

Each new student must present his/her photo identification, such as passport, driver's license, or state ID card. The UniCard staff will verify online that the student has registered. New faculty and staff must present the yellow copy of the Application for Computer Systems/Internet Access. The UniCard generally is available for pickup the same day that the photo is taken.

Military campus students may obtain their first time HPU IDs (without photo) at their respective Military Campus Program site-coordinator's office. To obtain a photo UniCard, military students must go to either the downtown or windward campus.

Continuing Students

Students or adjunct faculty who were issued cards in a previous semester need only to have their cards validated for the next term;

the process takes just a few minutes. A student must present his or her UniCard and HPU staff will verify registration online. Military campus students may have ID cards validated at their Military Campus Program site-coordinator's office.

CAMPUS BOOKSTORES

The bookstores stock required textbooks and related materials for courses. As an additional service, the bookstores also stock miscellaneous logo items such as coffee cups, pens, and T-shirts as well as bus passes and movie tickets for local theaters. The main store is located at the downtown campus on the ground floor of the 1132 Bishop Street building. The University also maintains bookstore outlets in the administrative building on the University's Hawai'i Loa campus and on the major military campuses. Textbooks and most logo items are also available on our website at:

<<http://www.hpu.edu/bookstore>>.

STUDENT LIFE & FIRST YEAR PROGRAMS

The Center for Student Life & First-Year Programs develops and implements comprehensive co-curricular and extra curricular programs, activities, and services that support and enhance the college experience at Hawai'i Pacific University. In partnership with HPU departments, the Center strives to connect students with their peers, faculty, and staff; promote school spirit and pride; foster social and learning communities; offer leadership and mentorship opportunities; and acclimate students to the university and Hawai'i. In addition, we advise student groups and scholarship programs; engage students in thoughtful discussion on local and world matters; and support students' development including, but not limited to, establishing identity, cultivating interpersonal relationships, appreciating diversity, clarifying personal values, and developing integrity.

Programs and Initiatives

Student Life oversees the Registered Student Organizations (RSOs), student government association, spirit scholarship programs (Cheer, Dance, Mascot, and Spirit Club), President's Host program, Sea Warrior Center (student center) and Sharky's Cove (student lounge). Activities and annual events include leadership development opportunities, Movie on the Mall, Talented Tuesdays, Music on the Mall, Welcome Week, Club Carnival, Da Freakshow (talent show), Halloween Hoopla, and much more. For more information on current and future initiatives, visit our website at <<http://www.hpu.edu/studentlife>>, contact us at (808) 544-0277, or email us at <studentlife@hpu.edu>.

First-Year Programs (FYP) collaborate with a number of departments to offer programs, activities, and services including New Student Orientation (fall, spring, and summer), leadership positions (Orientation Leader), Live Hawai'i: O'ahu Neighborhoods, Live Hawai'i: Urban Landscapes, alternative spring break, Be My Guest, speaker series, HPU Reads: Common Book Program (Academic Affairs), First-Year Advising (Academic Advising), and much more. For more information on current and future initiatives, visit our website at <<http://www.hpu.edu/FYP>>, contact us at (808) 544-0277, or email us at <readyssetgo@hpu.edu>.

Music & Spirit Scholarship Programs

Band

Hawai'i Pacific University's Sea Warrior Band is comprised of a Pep Band, Jazz Ensemble, and Wind Ensemble. Members of the Sea Warrior Band play a variety of music, including show, rock, swing, and jazz, at HPU's volleyball and basketball games. In addition to supporting our athletic teams, they are often featured at University pep rallies, graduations, orientations, and other special events on campus. Scholarships are available for incoming, transfer, and returning band members. Academic credit is offered as MUSIC 1700. Each candidate must demonstrate a high level of proficiency on at least one of the featured

instruments (flute, oboe, clarinet, bassoon, alto, tenor, and baritone saxophone, trumpet, trombone, bass trombone, tuba, piano, guitar, bass guitar, and percussion).

Chamber Orchestra

The HPU Chamber Orchestra is comprised of highly skilled violinists, violists, cellists, and double bassists. The Chamber Orchestra performs for a variety of University and campus events, as well as with the International Chorale and Vocal Ensemble. Music performed is mainly from the renaissance, baroque, and romantic genres. Scholarships are available for incoming, transfer, and returning orchestra members. Academic credit is offered as MUSIC 2820.

Cheer: Large and Small Coed

Hawai'i Pacific University's Cheer Program is comprised of large and small coed teams. With a tradition of winning, the large coed team has won the National Cheerleading Association (NCA) National Championship for Division II from 2003 to 2011; the small coed team was also National Champions from 2005 to 2008 and 2011. These teams are very talented and competitive, and can be seen performing at HPU's volleyball and basketball games. In addition to supporting our athletic teams, the cheer teams can be seen captivating crowds at University pep rallies, Club Carnivals, orientations, and many other special events on campus. Each individual must demonstrate a high level of proficiency in tumbling, partner stunts, jumps, and arm motions. Partial tuition waivers are available for incoming undergraduate students and returning Cheer Team members.

Dance Team

Hawai'i Pacific University's Dance Team captured the 2004, 2006-2010 National Dance Alliance Division II National Championship title. The team is composed of very talented individuals who can be seen performing at all HPU's volleyball and basketball games. In addition to supporting our athletic teams, the dancers can be seen entertaining the crowds at University pep rallies, Club Carnivals, orientations, Intercultural Day, and many other special events on campus and in the community.

Interested individuals must have extensive training in hip-hop, jazz, and pom, as well as elite technical skills in jumps, turns, and leaps. Strong ballet training is recommended. Partial tuition waivers are available for incoming undergraduate students and returning Dance Team members.

International Chorale and Vocal Ensemble

Diversity plays a key role in the HPU experience and the International Chorale and International Vocal Ensemble. The Choral Activities, made up of talented students from Hawai‘i, the mainland U. S., and other countries, truly embodies that diversity. The International Chorale is composed of talented choral enthusiasts from the HPU community of students, faculty and staff, as well as singers from the community at large, who perform choral repertoire from multi-ethnic sources. The International Vocal Ensemble (IVE) is composed of select singers who are recruited and auditioned for their vocal talents and experience. The IVE makes up the vocal core of HPU’s International Chorale. Performance venues include campus events, a fall and spring concert, as well as performance tours locally and globally. Scholarships are available for incoming, transfer, and returning IVE members. Academic credit is offered as MUSIC 1710 for International Chorale and MUSIC 2700 for IVE.

Mascot

In the fall of 2003, Hawai‘i Pacific University introduced Sharky the Sea Warrior, who has increased school spirit and can be seen interacting with fans at HPU’s volleyball and basketball games. In addition, he appears at many other campus events as well as out in the community. Each year, Sharky joins the Cheer and Dance teams to compete at the National Cheer Association College Championships in the Mascot Division in Daytona Beach, Florida. In April 2005, Sharky captured the national championship title at the NCA National Competition in the mascot division. Partial tuition waivers are available for all incoming undergraduate students and returning Mascot members.

Spirit Club

The Hawai‘i Pacific University Spirit Club is comprised of energetic, motivated students who are responsible for promoting HPU athletic teams and assisting the University in promoting other campus events, such as pep rallies, health fairs, new student orientation, and Club Carnivals.

STUDENT ORGANIZATIONS

Student Government Association (SGA)

SGA is the student government of HPU and the members serve as advocates for change. The organization works with their constituents by holding town-hall meetings to hear student concerns and determine how they wish to effect change on campus. SGA is comprised of the student senate, campus activities board, and judicial council. For more information, go to <<http://www.hpu.edu/sga>>.

Registered Student Organizations (RSO)

There are a variety of clubs and organizations that give students an opportunity to contribute to campus life at Hawai‘i Pacific University. These Registered Student Organizations (RSOs), supported by the Center for Student Life and First-Year Programs, provide a wide range of social, academic, recreational, and community service activities to encourage student involvement. The HPU RSOs are divided into three categories: academic and professional, cultural and religious, and special interest. Students are encouraged to join an organization or start a new club that meets their needs and interests.

FIRST-YEAR PROGRAMS

New Student Orientation Program

The best way to start your HPU journey is with our New Student Orientation program. This is an informative and fun-filled program for incoming first year and transfer students. We provide opportunities to meet others, ease your transition to HPU, prepare you for the academic year, and help

you become familiar with the University community.

New undergraduate students are assessed a one-time program fee for orientation. The fee will be charged to students' accounts in August or January and payment is due along with tuition. Additional information and registration materials are sent to new students in the mail and available online at <<http://www.hpu.edu/orientation>>.

HONOR SOCIETIES

Hawai'i Pacific University has 18 honor societies. Students may apply for membership to one or more honor societies during the fall or spring semester.

All applicants must possess good reputation and character, and those who have been reported for academic misconduct are automatically disqualified from membership. Each honor society conducts various activities for its members throughout the year. Formal induction ceremonies for new members are generally conducted during the fall or spring semester.

Students are strongly encouraged to carefully read the requirements for each honor society and apply only for those which they clearly meet the stated criteria. The honor society application is available on-line during the application period at: <<http://www.hpu.edu/Honors/Honors.html>>.

Honor Society

Alpha Chi
National Honor
Society

Juniors and seniors enrolled in any undergraduate degree program.

Alpha Epsilon
Delta National
Health Pre-
Professional
Honor Society

Students enrolled with future aspirations to become healthcare professionals.

Alpha Lambda
Delta National
Honor Society

Students enrolled during their first year (freshman) in any undergraduate degree program.

Alpha Sigma
Lambda National
Honor Society

Adult students enrolled in an undergraduate degree program.

Beta Beta Beta
National Honor
Society

Students enrolled in the biological sciences.

Chi Alpha Sigma
National Honor
Society

Students participating on HPU's NCAA teams.

Delta Mu Delta
International
Honor Society

Students enrolled in the BSBA, MBA, or MA in HRM, OC, GLSD programs.

Kappa Mu Epsilon
Honor Society

Students who completed at least three college courses in mathematics

Lambda Pi Eta
National Honor
Society

Students enrolled in the BA or BSBA programs, majoring in communication.

Mu Kappa Tau
National Honor
Society

Students enrolled in the BSBA or MBA programs, majoring in marketing.

Phi Alpha National
Honor Society

Students currently enrolled in HPU's social work degree program.

Phi Alpha Theta
History Honor
Society

Students enrolled in the BA program, majoring in history.

Pi Lambda Theta

Students enrolled in the B.Ed. or M.Ed. programs

Pi Sigma Alpha National Honor Society	Students enrolled in the BA or BS programs, majoring or have taken classes in political science.
Psi Chi National Honor Society	Students enrolled in the BA program, majoring in psychology.
Sigma Delta Pi National Honor Society	Students with academic excellence in the study of Spanish.
Sigma Tau Delta National Honor Society	Students majoring in English or minoring in Writing, Film Studies, or English.
Sigma Theta Tau International Nursing Honor Society	Students enrolled in the nursing program.
Upsilon Pi Epsilon International Honor Society	Students majoring computer science, CIS, or MSIS.

ALUMNI

HPU provides alumni (graduates) and friends (former students) several links to the university, including benefits, *HPU Today* magazine and the University Web site, to encourage the creation of lifelong relationships and involvement in its global community.

The Paul C.T. Loo Distinguished Alumni Awards event is held each spring to recognize HPU alumni for outstanding career accomplishments and service.

For additional information or assistance, alumni may contact:

Hawai'i Pacific University
 Alumni Engagement
 1164 Bishop Street, Suite 800
 Honolulu, HI 96813 U.S.A.

Telephone: (808) 544-0840 or
 (808) 544-0830
 Toll-Free Telephone 1-866-CALL-HPU
 (extension 9) [U.S. and Canada only]
 Fax: (808) 544-8079
 E-mail: alumni@hpu.edu
 Web: <http://www.hpu.edu/alumni>

Alumni Chapters

Alumni chapters enable alumni worldwide to maintain connections with each other and the University, promoting fellowship as well as personal and professional growth. The chapter directory is available at:
[<http://www.hpu.edu/alumni/HPU-Chapter-Directory.html>](http://www.hpu.edu/alumni/HPU-Chapter-Directory.html)

We currently have active chapters in the following locations:

U.S.A. Chapters

- California (Northern)
- California (Southern)
- District of Columbia (DC), Metro
- Georgia
- Hawai'i
- Illinois (Chicago)
- North Carolina
- Washington (State)

International Chapters

- Austria
- Canada (Ontario)
- Germany
- Hong Kong
- Indonesia
- Japan
- Norway
- Malaysia
- Singapore

ROTC

Interested and qualified students of the University may participate in the Military Science and Air Science (Army and Air Force ROTC) programs located nearby at the University of Hawai'i at Manoa campus. These programs are traditionally four-year programs consisting of a Basic Course and an Advanced Course. However, a two-year program and a course of study for students

at four-year colleges who did not take ROTC during their first two years are also offered. Students register for these courses at Hawai‘i Pacific and attend the training and lecture sessions at the University of Hawai‘i Manoa campus. For more information, students should contact the Military/Veteran Center advisor or the Army or Air Force program representatives at (808) 956-7734 (Air Force ROTC) or (808) 956-7744 (Army ROTC).

ATHLETICS

The Intercollegiate Athletics program at Hawai‘i Pacific University functions as an integral part of the academic and social environment of the University and community. Its coaches, student-athletes, and professional staff strive to maintain the highest standards of academic achievement, sportsmanship, athletic competitiveness, integrity, and citizenship. The Sea Warriors compete in the National Collegiate Athletic Association (NCAA) Division II, fielding competitive teams in men’s basketball, women’s basketball, women’s volleyball, men’s golf, baseball, and softball, in addition to men’s and women’s programs in tennis, cross country, and soccer. The University’s mission statement regarding the Intercollegiate Athletics program is available on the Web at www.hpu.edu. The Athletics Department is located at 1060 Bishop Street (LB Building). For more information on HPU Athletics, please call (808) 356-5214.

LIABILITY

Hawai‘i Pacific University takes every reasonable precaution to prevent students from sustaining injuries while on the premises. The University, however, assumes no responsibility for injuries that students sustain on University property or at University-sponsored activities and events.

STUDENT CONDUCT

Students are responsible for knowing the academic and administrative regulations of the University as stated in this catalog. Students, by the act of registration, agree to observe the policies and guidelines of

the University and the Code of Student Conduct.

CODE OF STUDENT CONDUCT

Students of Hawai‘i Pacific University will conduct themselves at all times with propriety and will meet the stated expectations and standard of conduct of the University as stated under the University’s *Code of Student Conduct*. The *Code* formulates student conduct and accountability, and is found in the *Student Handbook*.

Students who have violated the code will render themselves subject to the University’s Student Conduct System described in the *Student Handbook*.

The *Code of Student Conduct*, as well as a summary of University policies relating to students, may be found in the *Student Handbook*, published annually by the Center for Student Life and First-Year Programs. Copies of the *Student Handbook* are available in the Center for Student Life and First-Year Programs, at all Military Campus Programs locations, and online in the Resources Tab section of HPU Pipeline, and at: <http://www.hpu.edu/studentlife>.



ACADEMIC POLICIES AND PROCEDURES



STATEMENT OF ACADEMIC FREEDOM

Hawai‘i Pacific University supports and protects the academic freedom of both the faculty and the students. The examination of partisan views, no matter how controversial, within the purview of a course of instruction, is the very life blood of freedom of thought and inquiry in an educational institution within a free society.

Like all other rights and privileges in a free society, academic freedom is constrained by other freedoms and rights of individuals within the society. Academic freedom necessitates the recognition of significant contrary viewpoints and requires a degree of respect for the rights of others to hold such contrary viewpoints. Academic freedom requires differentiation between personal views and opinions and proven facts of broadly held conclusions within a discipline. It is neither possible nor desirable to attempt to enumerate the limits of academic freedom. In general, academic freedom is abused when important individual rights of others are denied under the guise of academic freedom.

All members of the University are expected to exercise their rights to academic freedom responsibly.

BACCALAUREATE REQUIREMENTS

The following requirements must be met in order to obtain a baccalaureate degree from Hawai‘i Pacific University:

1. Completion of at least 124 semester hours of credit of which a minimum of 36 are upper-division credits (level 3000 and above);
2. Completion of the general education requirements as well as the specific requirements prescribed for each degree program and major area of study;
3. Attainment of a cumulative GPA of at least 2.0 in all courses taken at HPU.
4. Attainment of a cumulative GPA of at least 2.0 for all courses required for

and counted toward a major, including lower- and upper-division major requirements, upper-division major electives and, for BSBA degrees, the lower- and upper-division business requirements;

5. In the case of the Bachelor of Science in Business Administration degree program, a 2.0 cumulative GPA must be attained for all courses required for and counted towards the business core. In the case of the Bachelor of Science in Computer Science degree, a cumulative GPA of at least 2.0 is required for all CSCI courses applicable for the degree. For the Bachelor of Science degree in Nursing, a cumulative GPA of at least 2.75 is required in order to enroll in 2000 level nursing courses. A minimum HPU cumulative GPA of 2.75 must be maintained for progression in the major;
6. Payment of all indebtedness to Hawai‘i Pacific University;
7. Submission of the Petition to Graduate and graduation survey. Students must submit these forms to the appropriate advising center at the beginning of the term in which they anticipate graduating in order to allow sufficient time for review and evaluation of their records.

Students meeting these requirements are eligible to participate in the graduation ceremony immediately following their final semester.

RESIDENCY REQUIREMENTS

Students seeking baccalaureate degrees must complete at least 12 semester credits of major course work and the last 30 semester credits immediately preceding graduation in residence at Hawai‘i Pacific University [exception: Servicemembers Opportunity Colleges (SOC) students must complete at least 30 semester hours with HPU including 12 semester hours of major course work. They are not required to complete the last 30 semester hours in residence].

Students seeking Associate degrees must complete at least 15 semester hours of course work with at least six of those hours in the degree major concentration.

All online courses at HPU are considered in residence.

ACADEMIC CREDITS

The unit of academic credit awarded by the University is called a "semester hour." One semester hour represents 14 to 15 hours of class attendance, or its equivalent, during a semester, and encompasses the successful completion of all course assignments and a demonstration of mastery of course content. Most courses at the University yield three semester hours of academic credit. A letter grade of D denotes minimal completion of that course; however, most major programs of study require a demonstration of proficiency with a grade of C or better. COM 1400, JOUR 1100, WRI 1050, WRI 1100 or 1150 and WRI 1200 must be passed with a C- or better to enroll in courses for which they are prerequisites.

TRANSFER OF CREDIT

Transfer credit is awarded on a course-by-course basis or on the basis of an established articulation agreement between HPU and the transferring institution.

Hawai'i Pacific's acceptance of credit from other regionally accredited academic institutions of higher education is subject to the following conditions:

1. The transcript used is an official transcript received directly by Hawai'i Pacific from the initiating institution;
2. The transferred course must be similar in scope, content, and competency to a Hawai'i Pacific course;
3. The transferred credits must have at least a grade of C or better. Those credits applicable to graduate courses at Hawai'i Pacific must have at least a grade of B or better;
4. Students from junior or community colleges are generally allowed to transfer up to 60 semester hours in academic subjects.
5. Any Transfer student seeking admission into the pre-nursing program, who was previously pursuing a nursing degree at another college/university must submit a

Letter of Good Standing from the Dean of that college or university program prior to receiving an evaluation for possible transfer nursing credit by Hawai'i Pacific University. The Letter of Good Standing must be an original letter, printed on the school's letterhead, and include the dean's or school official's name, signature and legible contact information and sent directly to the Office of Admissions, Transfer Services.

6. All transfer students must complete at least 30 semester hours at Hawai'i Pacific immediately preceding their graduation from the University (exception: SOC students).
7. Transfer students must complete at least 12 semester credits of major course work in residence in order to attain a major in a baccalaureate program, and 6 semester hours in the degree concentration for Associate degrees.
8. Military students may have their service-related training evaluated for credit by submitting their DD-295, DD-214, AARTS, CCAF, Coast Guard Institute, or SMART transcripts.

Students who wish to take a course at another accredited institution of higher education, and who plan to transfer such credit to Hawai'i Pacific University, should consult with an academic advisor to determine if the course is transferable and how the course will be utilized towards the student's degree program.

CREDIT BY EXAMINATION

Any student who has mastered the content of any course listed in the University curriculum as a result of independent study, experience, or training, and is able to provide evidence that clearly substantiates mastery of that academic material, may inquire about receiving credit by various programs examination. Students should consult an academic advisor who will assist them in reviewing which program may be most applicable to their courses.

CLEP Exams

The College Level Examination Program (CLEP) tests are standardized exams administered nationally through the College Board, a nonprofit membership of more than 2,700 colleges, universities, secondary schools, and educational associations. Unless students have acquired significant experience and knowledge in secondary or postsecondary situations, they are discouraged from taking the CLEP exams. Students should contact an Academic Advisor in the appropriate Academic Advising Center to determine eligibility minimum acceptable scores and other information about CLEP exams.

Military National Test Centers

Military Campus Programs manages five National Test Centers (NTC) at the military bases on O‘ahu. The NTC’s provide military-affiliated students access to CLEP, DSST, and Pearson VUE professional and certification examinations, and Excelsior computer-based testing programs.

The NTC’s are located at: Joint Base Pearl Harbor/Hickam (both locations), Tripler Education Center, Schofield Barracks, and Marine Corps Base Kaneohe. Testing schedules vary by base – for additional information on the MCP credit by examination program or to register to take an examination, contact any MCP representative at: Hickam Air Force Base (808) 543-8055; MCBH Camp Smith (808) 544-9318; MCBH Kaneohe (808) 544-9314; Tripler Army Education Center (808) 544-1493; Schofield Barracks (808) 687-7095; or Pearl Harbor Naval Station (808) 687-7082.

Challenge Exams

This is a comprehensive exam that is created and administered within the University and tests a student’s level of mastery for a given University course. Only students with grade point averages of 3.0 or above who have completed at least 15 semester credits at the University are eligible to petition. A student may consult an academic advisor to submit a petition for permission to take a Challenge Exam. If the reviewing Dean approves the petition, the student pays an

examination fee, and the Dean selects an appropriate instructor to design and administer the examination. If the student successfully passes the challenge exam, credits are awarded without a standard grade.

The University accepts no more than 36 semester hours of credit earned through CLEP or any other type of credit by examination process.

MAJOR COURSE OF STUDY

The major course requirements vary depending upon the degree program and the curriculum required. Students are advised to consult with an academic advisor as soon as possible after admission to begin the advising process for selection of a major field of study. All students must complete a minimum of 12 semester hours for credit in their major courses in residence with HPU. Students interested in double majors or more than one degree program should consult their academic advisor or Military Campus Coordinator for information and academic planning. For students who wish to pursue a double major, more than one half of the credits taken must be unique to the second major field of study (e.g. If one major requires 36 credits, then at least 19 credits must be unique to the second major field of study.)

The major is listed on the diploma as well as on the transcript.

MINOR COURSE OF STUDY¹

¹ *For policies effective Fall 2012 please see Addendum I at the end of the catalog.*

In addition to undertaking a major, students may elect to do an optional minor program of study. The minor encompasses completion of selected courses that are fewer in number and less comprehensive than a major. At least four courses in the minor field must be taken in addition to those required for fulfillment of the major program of studies. All students must complete a minimum of six (6) semester credits of minor course work in residence with HPU in order to be awarded a minor. The minor is not listed on the diploma but is listed on the transcript,

provided that the student has completed all necessary course work and the degree has been conferred. Minors must be identified prior to degree conferral. Students may not add minor courses of study to degree programs that have already been completed and conferred on the original transcript.

SECOND BACHELOR'S DEGREE

An individual already holding a baccalaureate degree may pursue a second bachelor's degree in consultation with an academic advisor. To earn a second bachelor's degree, the student must satisfy the general education requirements of the University or the equivalent and meet the specific requirements for the second degree. Semester hours earned for the first bachelor's degree may be counted for general education or other specific requirements. The student must complete a minimum of 30 semester hours of course work required in the new degree program subsequent to earning the first bachelor's degree. Those 30 semester hours must be taken in residence at Hawai'i Pacific University.

CHANGES IN ACADEMIC PROGRAM REQUIREMENTS

Requirements for specific degrees and majors within degrees may change as curricula are revised and new programs are implemented. New students (including transfer students) are expected to meet the requirements of the program that are in existence at the time of the initial registration. A continuing student may select the new version of a given program. However, once selected, they may not select the former version of the program. A student who has been granted a leave of absence (for no more than one calendar year) may continue, upon return, in the program in which he or she was last enrolled. A student on leave who has not attended Hawai'i Pacific for more than one calendar year must adhere to the requirements in effect upon return (Exception: SOC students).

CLASSIFICATION SYSTEM

Courses numbered below 1000 are developmental in nature and are not credited toward an undergraduate degree. Courses numbered from 1000 to 1999 are generally freshman-level courses that, except for two-course sequences, often have no college level prerequisites. Courses numbered from 2000 to 2999 are generally sophomore courses, many of which have college level prerequisites. Freshman and sophomore courses are, together, designated "lower division."

Courses numbered 3000-4999 are "upper division" requiring substantial preparation and most often one or more prerequisite classes, including a passing grade of C- or higher in a Research and Epistemology A course. Courses numbered at the 3000 level are considered to be junior level courses. Courses numbered at the 4000-4999 level are generally senior level courses, often requiring the student to fulfill several upper-division prerequisites before being able to enroll for the course.

Courses numbered 5000-7999 are graduate level courses. Enrollment in these courses is limited to graduate students. Undergraduate students who are concurrently enrolled in the University's undergraduate/graduate program should consult an academic advisor to register for graduate courses. Concurrent credit classes are charged graduate tuition rates. See Concurrent Credit Program.

AVAILABILITY OF COURSES

Every effort will be made by the University to offer courses required in various degree programs and listed in the catalog. However, student enrollment and faculty availability may affect course availability. Furthermore, some courses listed in this catalog are offered only once a year or only upon sufficient demand as determined by the respective Deans.

The University cannot guarantee that all courses needed by any one student in order to graduate will be offered during the

summer or winter sessions, or any Military Campus Programs term.

GENERAL PETITIONS

The General Petition form is used when extenuating circumstances require that an exception be made to current policies. Common situations include but are not limited to: attending school part time (international students); requesting a leave of absence or course substitution; taking more than 18 semester credits (12 credits for Military Campus Programs students) and requesting a waiver to course prerequisite requirements. In all cases, students should consult with an academic advisor, who will assist them in completing the form. Depending upon the nature of the request, review and approval of the form will be performed by the academic advisor and/or the appropriate Dean.

AUDITING COURSES

Students may petition to audit courses with consent of an academic advisor prior to or at the start of the semester or term. Students who audit do not receive any credits or grades for the audited courses. Audited courses are subject to registration procedures and tuition payment.

PASS/FAIL COURSES

Certain courses such as COOP work experiences are graded only on a Pass/Fail basis. Students desiring to take another course on this basis must petition an academic advisor prior to or at the start of the semester or term. Only 15 semester credit hours taken on a Pass/Fail basis may be applied to the unrestricted elective portion of a student's baccalaureate program.

CREDIT/NO CREDIT COURSES

Certain courses may also be taken, by petition, on a credit/no credit basis. Courses that may be taken for credit/no credit do not include courses that are considered to be required or are restricted elective courses in a student's degree program. Under the

credit/no credit option, a student receives a grade of CR (credit) or NC (no credit). A grade of CR is granted if the student earns a grade of C or better in the course. A grade of NC is granted if the student receives a grade of D or F (for sub-1000 courses, grades of P (pass) or F (fail) are awarded instead of CR or NC). Math 0990 is graded CR/NC. Because no grade points are awarded for CR/NC grades, courses taken on a credit/no credit basis are not included in calculating a student's GPA.

Students desiring to take a course as CR/NC must petition an academic advisor prior to or at the start of the semester or term.

Only 15 semester hours taken on a CR/NC basis may be applied to the unrestricted elective portion of a student's baccalaureate degree.

DIRECTED STUDY COURSES

Directed Study courses are tutorial courses that are offered only under exceptional circumstances. They are approved only on a case by case basis for students who are unable to complete course requirements in the regularly scheduled classroom setting or via an online course offering. Directed Study courses are equivalent to the lecture sessions and are assigned to specific instructors. Students should submit a general petition requesting to enroll in a directed study course and must have their syllabi approved by the dean of the college.

REPETITION AND MULTIPLE COUNTING OF COURSES

Courses may be counted only once toward fulfilling degree requirements. Limited exceptions to this requirement include the following:

1. A course may be counted for both a general education common core requirement and a lower-division language or lower-division major requirement.
2. A course may be counted simultaneously for a cross-theme requirement, a general education common core requirement and/or a lower-division major require-

ment.

3. A course may be counted simultaneously for an upper-division general education requirement and an upper-division major requirement or elective.
4. An upper division course may fulfill a requirement for more than one major or minor; In all of the above cases the credits are counted only once toward the 124 credit minimum.
5. Courses completed in the general education common core and lower- and upper-division requirements for a given degree program, in most cases, are applicable to a second major, minor, or degree;
6. After graduation, a minimum of 30 additional credits must be completed to fulfill the requirements for an additional major or degree. (Even if one has completed a degree with more than the requisite 124 credits, 30 additional credits, including major, minor, or degree requirements, must be completed.)
7. Certain courses (e.g. COOP, PE 1000-1250) may be taken more than once for academic credit. Courses repeated in this manner will receive credit each time up to any limit specified in the course description. Such courses are graded on a Pass/Fail method.

ACADEMIC YEAR

The academic year consists of fall and spring semesters and several special accelerated sessions. Fall semester begins in early September (usually the day after Labor Day), and consists of 15 weeks of classes, including a week for final examinations. Spring semester begins in mid-January and consists of 15 weeks of classes (with a one-week spring recess after about nine weeks), including a week for final examinations.

The Winter Intersession runs for approximately five weeks between the fall and spring semesters. One summer session begins in mid-May after the spring semester (Summer Session I for seven weeks); in early June, another session begins (Summer Session II for 11 weeks); and a seven week session begins in early July (Summer Session III). Courses offered on Military Campus Programs campuses (on Oah‘u military

installations and online) are either three, five, or ten weeks long. Ten-week accelerated terms begin in October, January, April, and July. Five-week terms are conducted at the beginning and middle of the scheduled ten-week terms. Three-week accelerated terms are conducted between three of the fourteen-week terms in June, September, and December. Five-week online terms are scheduled between the four ten-week terms, except after the January-March term.

CLASS SCHEDULES

During the regular 15-week fall and spring semesters, most classes meet two or three times each week for periods of 85 and 55 minutes, respectively. Evening and Saturday classes run for two hours and 55 minutes once a week; instructors of such sessions usually schedule at least one break. During accelerated terms such as the Winter Intersession or Summers I, II, or III sessions, individual class sessions are generally scheduled in Monday-Wednesday-Friday or Tuesday-Thursday-Saturday sequences. Courses scheduled on Military Campus Programs in the ten week term meet approximately four and one-half contact hours per week; five week term courses meet for about eight and one-half to nine hours per week, and three week term classes normally every other day and on weekends for approximately four to four and one-half hours.

A schedule of courses is published prior to each registration period and is available on the HPU website and at the Advising Center, the Center for Graduate and Adult Services, as well as at various locations throughout the two campuses and at Military Campus Program Centers.

CLASS STANDING

A student's "class standing" is determined by the number of semester credits that were taken and completed:

FRESHMAN	1-30	semester hours of credit completed
SOPHOMORE	31-60	semester hours of credit completed
JUNIOR	61-89	semester hours of credit completed

W will be assigned. In accelerated terms longer than 10 weeks, a student may drop a course without penalty during the first four weeks of the term. From the fifth through the seventh weeks, a grade of W will be assigned. In accelerated terms of 10 weeks or less, a student may drop a course without academic penalty during the first one-third of the term. During the second third of the term, grades of W will be assigned.

If an "Unacceptable Practice" investigation is in progress and/or if a student receives an "Unacceptable Practice" citation in a nursing (NUR) course, the student may not withdraw from the course. Students will need to have a clearance (signature on the withdrawal form) from the Dean of Nursing or designee in order to withdraw from nursing (NUR) courses.

The effective date of the withdrawal is the day the Registrar receives the signed form. A student who stops attending a class without an official withdrawal will be charged all fees as though attendance had been continued, and a grade of F will be recorded.

WITHDRAWING FROM HPU

Any student who withdraws from the University for any reason must fill out Add, Drop, Complete Withdrawal form to withdraw from all classes. Follow the procedures for changing (add/drop) course schedule as noted above. In addition, international students should meet with the International Student Advisor to have their I-20s reviewed and processed. Students should also complete and submit a General Petition form requesting a leave of absence if they plan to return to Hawai'i Pacific University. No withdrawal is considered to be official unless the proper form has been completed, submitted, and processed by the Registrar's Office.

Students receiving federal financial aid should refer to the Hawai'i Pacific University website for information on federal refund and repayment policies. The Withdrawal form must be signed by the Financial Aid Office.

LEAVE OF ABSENCE

A student maintains "continuous enrollment" by being enrolled in courses at the University throughout each fall and spring semester following admission. Occasionally students may temporarily interrupt their academic studies due to health, personal, or emergency situations.

Approved leaves of absence permit students to resume their studies under the same degree requirements that were in effect at the time they began their leave. A leave of absence is limited to a maximum of one year.

Students wishing to request a leave of absence should consult with an academic advisor, who will assist them in completing a petition requesting the leave.

Students contemplating a leave of absence who have previously been awarded a loan under the Federal Family Education Loan Program (Stafford/PLUS/Loans). Students are required to contact the University's Financial Aid Office and their lender prior to commencing a leave of absence to ascertain their repayment status.

REFUND POLICY

During the regular fall and spring semesters, the University adheres to the following schedule for tuition refunds when a student withdraws from classes:

Withdrawal prior to the first day of session = 100 percent refund

Withdrawal through the first week of class = 50 percent refund

Withdrawal through the fourth week of class = 25 percent refund

Withdrawal after the fourth week of class = 0 percent refund

Registration deposit of \$200 is nonrefundable in the event that the student is unable to attend.

Refund policies for accelerated sessions on

and off campus are adjusted appropriately. Refund policies are noted on the policy sheet provided during registration and are subject to change.

Federal refund policy will apply to students receiving financial aid. Refer to the HPU website at <<http://www.hpu.edu>> for specific information. For Military Campus Programs terms, refer to the latest Schedule of Military Campus Programs bulletin or the HPU website at <<http://www.hpu.edu/military>>

PETITION TO GRADUATE

Students who are completing their program course requirements by the end of a given semester or accelerated term must complete a Petition to Graduate form and a graduation survey, available in the Registrar's Office, Advising Center, Center for Graduate and Adult Services, and Military Campus Programs locations. The completed form should be submitted to the student's academic advisor for approval by the published deadline. All Petition to Graduate forms are assessed a degree processing fee.

RECORD OF STUDENT INFORMATION

Changes to a student's contact information (addresses, phones, email, emergency contact, etc.) may be updated online using HPU Pipeline or submitted in writing to the Registrar's Office. All requests to update a student's name or social security number must be made in writing with supporting documentation, to the Registrar's Office.

CONFIDENTIALITY OF ACADEMIC RECORDS (FERPA)

Notification of Student Rights

The Family Educational Rights and Privacy Act of 1974 (FERPA) affords students certain rights with respect to their education records. These rights are:

- (1) The right to inspect and review student education records within 45 days of the

day the University receives a request for access.

Students should submit to the University registrar, dean, or appropriate official, a written, dated, and signed request that identifies the record(s) they wish to inspect (including the requestor's full name, date of birth, and student identification number). The University official in consultation with the Registrar will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

- (2) The right to request the amendment of student education records that a student believes is inaccurate, misleading, or otherwise in violation of his or her right to privacy.

Students who wish to ask the University to amend a record should write the University official responsible for the record, clearly identify the part of the record they want changed, and specify why it should be changed.

If the University decides not to amend the record as requested by the student, the University will notify the student in writing of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

- (3) The right to provide written consent before the University discloses personally identifiable information contained in student education records, except to the extent that FERPA authorizes disclosure without consent.

The University discloses education records without a student's prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is defined as a

person employed by the University in an administrative, supervisory, academic or research, or support staff position; a person or company with whom the University has contracted as its agent to provide a service instead of using University employees or officials (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

The University designates the following as “directory information” and may, upon inquiry, disclose this information at the University’s discretion without prior consent of the student.

- a. Name of student
- b. Local and other addresses
- c. Local and other telephone numbers
- d. E-mail addresses
- e. Date of birth
- f. Dates of attendance
- g. Enrollment status (full time, part time, etc.)
- h. Major field of study
- i. Education level (i.e. undergraduate, graduate)
- j. Class standing (i.e. freshman, sophomore, etc.)
- k. Previous educational institution(s) attended
- l. Degrees received and dates of conferral
- m. Honors and awards received

HPU is under no obligation to release directory information to anyone who inquires. FERPA only states that an institution may release directory information. When in doubt, HPU will not release directory information and may require that a written release from the student be provided before directory information is released.

Students have the right to restrict the release of their directory information. To exercise this right, a student must submit a signed request in writing to the HPU Registrar’s

Office in person or by mail, 1164 Bishop Street, Suite 216, Honolulu, HI 96813. A request form is available at the Registrar’s Office or at <<http://www.hpu.edu/ferpa>>. Requests must be submitted no later than the last day to add/register for classes, as published by the University, for the semester or term that the student is enrolled. Once the request is filed it becomes a permanent part of the student’s record and shall remain in effect until the student instructs Hawaii Pacific University, in writing, to have the request removed.

The University will not disclose official transcripts and/or information not identified as “directory information” to non-school officials without prior written consent from the student unless it is an exception under FERPA.

- (4) The right to file a complaint with the U.S. Department of Education concerning alleged failures by Hawaii Pacific University to comply with the requirements of FERPA.

The name and address of the Office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington DC 20202-4605

Questions regarding the rights and release of information that this Act provides to Hawaii Pacific University students should be directed to the University registrar:

Registrar’s Office
1164 Bishop Street, Suite 216
Honolulu, Hawaii’i 96813
Tel. (808) 544-0239
E-mail: registrar@hpu.edu

ACADEMIC RECORDS

Complete academic records are maintained in the Registrar’s Office. Students may request the Registrar to send an official transcript of their work to a third party at <<http://www.hpu.edu/transcripts>>. The student must pay the transcript fee and settle any outstanding obligations with the University before a transcript may be

released. Students who have undertaken academic work at other institutions of higher learning must direct those institutions to have official transcripts forwarded to the Admissions Office at Hawai‘i Pacific to determine any transfer credit awards. These and other documents may not be issued to third parties nor be reproduced without the permission of the Registrar.

GRADING AND GRADE POINT AVERAGE (GPA)

Instructors determine students’ scholastic standing in their courses based on assignments, tests, examinations, class attendance, and participation, as well as other criteria established in the course syllabi. Letter grades are awarded by instructors according to a 4.0 scale outlined as follows:

The GPA is determined by dividing the total number of grade points earned by the total number of credit hours attempted. The GPA is calculated to two decimal points without rounding.

LETTER GRADE	DESCRIPTION/QUALITY	POINTS
A	EXCELLENT	4.0
A-		3.7
B+		3.3
B	GOOD	3.0
B-		2.7
C+		2.3
C	AVERAGE	2.0
C-		1.7
D+		1.3
D	POOR	1.0
F	FAILURE	0.0
W	WITHDRAW	<i>Does not affect GPA but will permanently appear on the transcript</i>
P	PASSING	<i>Does not affect GPA</i>
CR/NC	CREDIT or NO CREDIT	<i>Does not affect GPA</i>
I	INCOMPLETE	<i>Does not affect GPA (see policy below)</i>
AU	AUDIT	<i>Does not affect GPA; will not earn credit nor grade for course.</i>

Note: grades for graduate courses are generally A, A-, B+, B, B-, C+, C, or F. For more on this policy and its exceptions, see the GRADUATE STUDIES section of this catalog.

INCOMPLETE COURSES (GRADES OF I)

Incomplete grades are reserved for cases of illnesses and other emergencies that cause a student to be unable to complete the course by the due date. In such cases, the instructor has the option of issuing an “incomplete” grade at the end of the semester. If granted, the “incomplete” grade will allow a student a maximum period of six months to complete the appropriate course work. A student’s date of graduation that is posted on official records may be affected by the date when course work and grades are submitted to the Registrar.

If the student does not complete the assignments and the instructor does not submit a grade to the Registrar’s Office before the six-month period, a grade of “F” will be assigned. A student will not graduate with any outstanding “incomplete” grades.

REPEATED COURSES (Forgiveness Policy)

All grades earned in each enrollment will appear on the student’s transcript, and will be calculated in the student’s grade point average (GPA). Undergraduate students have the last grade for the first 15 HPU semester hours of repeat coursework counted toward their final GPA. A graduate student has only the last grade for the first 6 semester hours of repeat coursework counted toward their final GPA. This recalculation is done by the Registrar’s Office at the time the student files a petition to graduate. (Note: Ongoing automation of the Forgiveness Policy is in progress and once completed, this process will occur each term.)

Students who desire to have this policy applied to their record prior to petitioning to graduate may do so by consulting an Academic Advisor who will assist in submission of the proper petition form.

HONORS POINT AVERAGE

Honors Point Average (HPA) is used to determine a student’s eligibility to receive

honors at graduation or to qualify for membership into one or more of HPU's honor societies. Students must provide official transcripts from all institutions attended to be considered for honors or honor societies.

The HPA calculation is an average based on a student's entire academic history. This includes grades for all course work taken at all institutions of higher learning, including repeated courses. If all course work has been taken at Hawaii'i Pacific University, then the student's HPA and HPU GPA are the same.

LATIN HONORS AT GRADUATION

Students in undergraduate or graduate degree programs may receive academic honors when they complete the degree requirements, based on their honors point average (HPA). The appropriate Latin Honors Designation shown below will be printed on the diploma.

Undergraduate students in the baccalaureate degree program qualify for one of three designated "Latin Honors" categories providing they have earned at least 45 credit hours at HPU, have a minimum 3.4 GPA, and have achieved the requisite HPU HPA requirements and the corresponding honors designation for the baccalaureate degrees are as follows:

<u>HPA</u>	<u>Latin Honors Designation</u>
3.4 - 3.69	Cum Laude
3.7 - 3.89	Magna Cum Laude
3.9 - 4.00	Summa Cum Laude

Students completing associate degrees may graduate with the designation "With Honors" by completing a minimum of 24 semester hours of course work at HPU and having a 3.4 GPA for HPU courses in addition to a minimum HPA of 3.4

An HPA estimate is calculated for students with approved Petitions to Graduate who are participating in commencement exercises, even though course(s) may be in progress.

HPU students who have completed the minimum credit requirement for Latin honors as shown above will have their honors calculations computed using all coursework posted to transcripts as of the Petition to Graduate deadline. The honors estimate will be used to determine graduation honors announced at commencement only. A complete honors calculation will be conducted once all grades are posted to determine honors for conferral posting to the academic transcript and diploma.

For HPU students who are pursuing a second bachelor's degree, the HPA calculation includes only those courses taken at HPU for that degree and courses taken at other institutions applicable to that degree.

DEAN'S LIST

At the end of the Fall and Spring semesters, full-time undergraduate students (12 or more earned semester hours of credit) who have earned term GPAs of 3.5 or better for the semester just completed are recognized by being placed on the Dean's List by the Vice President of Academic Administration. Students in Military Campus Programs are evaluated after each appropriate six-month period (January to June and July to December). This honor becomes a permanent part of the student's academic record and is printed on the transcript.

ACADEMIC PROBATION AND SUSPENSION (ACADEMIC STANDING)¹

¹ For policies effective Fall 2012 please see Addendum II and III at the end of the catalog.

Undergraduate students must maintain the minimum GPAs listed below to remain in good academic standing. After attempting more than 12 credits a student not meeting the minimum requirements will be placed on probation. The number of credit hours attempted and the corresponding GPA are as follows:

Semester Hours of Credits Attempted	Minimum Cumulative GPA Required
12-30	1.6
31-60	1.8
over 60	2.0

Students enrolled in part time or accelerated terms will be evaluated after 15 semester hours have been attempted rather than on the basis of “full-time” enrollment.

While on probation, a student must schedule periodic meetings with an academic advisor who will work with the student and monitor the student’s progress. A student on probation is restricted to taking 12 semester credit hours during a regular term (spring and fall). A student on probation for the second consecutive semester — or after completion of 12 semester hours subsequent to being placed on probation for the first-time — may be suspended from the University. Suspended students are not normally readmitted to the University. However, students may submit a petition requesting reinstatement to an academic advisor beginning six months from the time of suspension. The Executive Director for Student Academic Services will then forward this request to the Vice President for Academic Affairs. To be considered for reinstatement, students must show that they have the ability and motivation to return to Hawai‘i Pacific University and resume their academic studies. Such petitions are considered on a case-by-case basis.

POLICY ON ACADEMIC INTEGRITY

I. General Statement

It is Hawai‘i Pacific University’s policy that any act of academic dishonesty will incur a penalty up to and including expulsion from the University. Any student who cheats on an academic exercise, lends unauthorized assistance to others, or who hands in a completed assignment that is not his or her work will be sanctioned. The term “academic exercise” includes all forms of work submitted either electronically or on paper

for points, grade, or credit.

II. Definitions

Academic Dishonesty involves the following:

A. Cheating

1. The intentional use of or attempted use of unauthorized assistance, materials, information, and/or study aids in completing an academic exercise.
2. The act of collaborating and working together on any academic exercise without the approval of the instructor, producing an exercise which is similar in content and form, so as to create doubt as to whether the work was truly the product of individualized effort.
3. Examples of cheating include, but are not limited to:
 - a. Giving or receiving unauthorized assistance during examinations.
 - b. Submitting an assignment that is so similar in appearance, content, and form to an assignment submitted by another person that it could not have been independently produced.

B. Plagiarism

1. The deliberate use or reproduction of ideas, words, or statements of another as one’s own without proper acknowledgment or citation.
2. Examples of plagiarism include, but are not limited to:
 - a. Using verbatim or paraphrased text without proper citation.
 - b. Paraphrasing so as to mislead the reader regarding the source.
 - c. Submitting, without permission, the same written or oral material in more than one course.
 - d. Obtaining research or laboratory data from another individual or source but presenting it as one’s own.

C. Facilitating Academic Dishonesty

This is defined as intentionally or knowingly helping or attempting to help another to commit an act or acts of academic dishonesty as defined in this policy.

D. Fabrication

1. The intentional or unauthorized falsifying or inventing of any information or citation in an academic exercise or University document.
2. Examples of fabrication include, but are not limited to:
 - a. Falsifying data or signatures of an official University document (e.g., registration form, college record, and/or transcript).
 - b. Misrepresenting a fact in order to obtain a course exemption, waiver, or withdrawal.

III. Procedures for Academic Dishonesty**A. Instructor Action**

Incidents of academic dishonesty substantiated by evidence may be dealt with by the instructor in the classroom in one of the following ways. Suggested penalties are:

1. Require the student to redo the exercise or do a new exercise as a condition for continuing in the course or avoiding one of the other penalties below.
2. Give the student an “F” or a “0” for the exercise and permit it to be redone with or without a penalty at the instructor’s discretion. For example, the grade on the new exercise could replace the “F” or “0,” or it could be averaged with it, or lowered by one letter grade.
3. Give the student an “F” or a “0” for the exercise and not permit it to be redone.
4. Lower the course grade or assign a course grade of “F”.

Even if the instructor disposes of the case in the classroom, a Report of Academic Dishonesty must be submitted to the Vice President of Academic Affairs via the appropriate academic dean. The report should detail the dishonest act and the disposition. If the student disagrees with the instructor’s decision, the student may make a written appeal to the appropriate dean in accordance

with the Academic Grievance Procedures in the current Student Handbook. Students majoring in nursing should also refer to the Student Nursing Handbook.

B. Vice President of Academic Affairs

The Vice President of Academic Affairs maintains a confidential tracking system of repeated acts of academic dishonesty. The Vice President of Academic Affairs will notify the appropriate dean if the student is a repeat offender, and the dean must then attempt to interview the student to assess the situation. If the student refuses to be interviewed without a verifiable reason (e.g., a documented medical emergency) then this will be noted. After the interview (or reasonable attempts to schedule one), the dean may impose additional penalties, and/or refer the incident to the Vice President of Academic Affairs. The Vice President of Academic Affairs may then impose additional penalties or uphold penalties already imposed. The Vice President of Academic Affairs may refer the incident to the Academic Conduct Review Board. Throughout all these actions, the instructor involved will be kept advised. One possible penalty for repeat offenders is expulsion from the University.

C. Academic Conduct Review Board Action

Action by the Board will conform to the guidance outlined in the Student Handbook. Board action must be approved by the Vice President of Academic Affairs prior to execution.

IV. Time Line for Academic Dishonesty Incidents**A. Instructor Action**

The Report of Academic Dishonesty should be submitted to the dean of the college in which the course is located within ten working days of discovery of the incident. The instructor may set his or her own time for corrective action, but expedience is encouraged.

B. Appropriate Dean Action

The dean of the academic division involved will review the instructor's Report of Academic Dishonesty and forward it to the Vice President of Academic Affairs within ten working days. The Vice President of Academic Affairs will tell the dean if the student is or is not a repeat offender within another ten working days. The dean will invite the student to be interviewed within another ten working days. If the student cannot meet in this time period, the dean may proceed to the next step immediately, or choose to make a reasonable delay to accommodate the student. If the dean decides to take punitive action, the dean will decide appropriate action within an additional ten working days. The student may appeal the decision to the dean in accordance with the Student Handbook within ten working days of being notified. The instructor may also appeal the recommendation of the dean to the Vice President of Academic Affairs within ten working days.

**C. Vice President of Academic Affairs
Action**

If the dean forwards the Report of Academic Dishonesty to the Vice President of Academic Affairs for action, the Vice President has ten working days to decide on the appropriate penalty or convene the Academic Conduct Review Board.

**D. Academic Conduct Review Board
Action**

Within ten working days of notification of convening, Board members, as identified in the Student Handbook, will meet with the offending student and conduct a hearing to decide on a penalty if appropriate. Results of the Board recommendation will be made to the Vice President of Academic Affairs for approval and execution of the penalty within ten working days. Upon approval, the Vice President of Academic Affairs will notify the student, concerned dean, and instructor of the Board's decision.

Note: If the student accused of academic

dishonesty is nearing his/her graduation date, then this review process will be accelerated accordingly.

Academic Grievance Procedures for Students

Students with individual grievances concerning unfair treatment in coursework must follow these procedures:

1. The student should first discuss and seek to resolve the problem with the instructor of the course. The student may consult with an academic advisor to clarify the problem.
 2. If these measures fail to resolve the problem, the student should consult with the appropriate dean by submitting a letter describing the nature of the complaint and attach all supporting documents. These may include the syllabus outlining evaluation procedures, exams with grades, term paper assignments with grades, quizzes, or any other pertinent supporting documents.
 3. This information will be forwarded by the appropriate dean to the instructor with a request for a reasonably prompt response.
 4. When the response is returned, the dean will send a copy to the student. If the student then wishes to request a hearing, his or her request must be in writing and filed with the Vice President of Academic Affairs and their dean within a reasonable time following the issuance of the grade in dispute.
 5. If the Vice President and academic dean approve the petition, he or she will call the Academic Conduct Review Board. Members of the board are the Vice President of Academic Affairs and dean (chair), a dean chosen by the Vice President of Academic Affairs, the student's college dean, the Executive
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Director of Student Academic Services, two or more faculty members appointed by the chair for each separate hearing, and the student body president or his or her delegate.

6. The recommendation of the Student Academic Review Board will be final. The Vice President and academic dean will notify the student of the board's decision within three working days. If the student's complain is based on sexual harassment/sexual assault, see that section of the Hawai'i Pacific University Student Handbook.

Note: If the student accused of academic dishonesty is nearing his/her graduation date, then this review process will be accelerated accordingly.



LEARNING SUPPORT SERVICES



UNIVERSITY LIBRARIES

Hawai'i Pacific University maintains two libraries—Meader Library on the downtown campus and Atherton Library on the Hawai'i Loa campus. The HPU Libraries are committed to providing a range of instructional services and learning support opportunities to empower students to be effective users of information resources.

Mission

The Hawai'i Pacific University Libraries are the portal to worldwide information. We promote quality user-focused services and collections. We enrich the university community by contributing to the development of information-literate global citizens.

The Collections

The HPU Libraries' collections contain databases, electronic books, print books, periodicals, and audiovisual materials. The books are classified according to the Library of Congress Classification System and are housed in both campus libraries. Electronic books are available through the HPU Libraries' online catalog. Emphasis is given to acquiring titles that are academically oriented and relevant to the courses offered by the University. Periodicals, including magazines, journals, and newspapers are available in print and microform formats on the 5th floor of Meader Library and at Atherton Library. Full text periodical online databases are available via the HPU Libraries' Tab on HPU Pipeline.

Reference Services

Reference services are offered in each library to provide professional assistance for research projects and papers. Students may also "E-mail a Librarian" using the HPU Libraries' Tab on HPU Pipeline. Librarians offer instructional sessions on an individual basis and in coordination with various scheduled classes.

Circulation Services

Circulation Services are offered in each library where they maintain a book delivery service for students between the HPU Libraries and the Military Campus Programs' sites. Reading assignments from instructors

for students' use are kept on Reserve at the circulation services desks.

Library Hours

During the major academic terms, the HPU Libraries are generally open seven days a week including evening hours. Extended evening hours are provided prior to the final examination periods during the major academic semesters. Library hours are generally shortened during the summer sessions. The HPU Libraries are closed on University-observed holidays.

MEADER LIBRARY

Meader Library is located on three separate floors in the 1060 Bishop Street Building in downtown Honolulu. The Library is named in honor of Dr. James Laurence Meader, the first president of Hawai'i Pacific University (then Hawai'i Pacific College). General study rooms and general seating are provided in different arrangements for various user needs. Students are able to view videos and use the multimedia computer stations for software and CD-ROM-based educational programs, digital audio lessons, DVD programs, and high-speed Internet access.

Floor 2: Reference Services Unit

Specialized and general reference and information services, interlibrary loan, and online database searching services are located on this floor. Specialized collections include: the Topic Assistance Center, where students can generate topic ideas and locate background information for research papers; and the business reference collection, which contain operating and financial information on companies locally, nationally, and internationally.

Floor 3: Circulation Services Unit

This collection is primarily devoted to Business, Social Sciences and Computer Sciences. There is also a collection of books to support students in English training programs. Online access to the HPU Libraries' holdings is available through HPU Pipeline via the HPU Libraries' Catalog. eBooks, electronic versions of print books, can be accessed from off-campus locations through the catalog and can be viewed, checked out

and automatically returned at the end of the checkout period.

Floor 5: Periodical Services Unit

The periodical collection includes academic journals and a broad selection of local, national, and international magazines and newspapers. The HPU Libraries' online periodical list is available through HPU Pipeline and allows full text accessibility from off-campus locations. Circulating print books and audio-visual materials are also located on this floor.

Closed Shelves Book Room

This specially designated room contains the various volumes of books that because of their uniqueness and presentation of information require special consideration and handling. Access to the volumes in this room is by appointment only under supervised and controlled conditions.

ATHERTON LIBRARY

Atherton Library is located on the third floor of the Amos Starr and Juliette Montague Cooke Academic Center at the Hawai'i Loa campus. It is named to commemorate Frank and Eleanore Atherton, and was funded as a gift of the Atherton Family Foundation. This Library's collection is primarily devoted to the Humanities and also supports the Diplomacy and Military Studies, Environmental Science, Marine Science, Nursing, and Pre-Medical Studies degree programs. There are individual study carrels, individual study rooms and general seating areas in the library to accommodate user needs.

Hawaiian-Pacific Collection

The HPU Libraries major collection of books on Hawai'i and the Pacific Area are located in this library. These materials document the social, historical, educational, scientific, and economic events of this area and its people. The collection is further divided into circulating and reference materials.

TUTORING SERVICES

The Center for Academic Success, located on Floor 6 of the Lower Bishop building,

is open daily to provide free tutoring services for all registered students. A similar service, emphasizing assistance to nursing and science students, is provided in Atherton Library on the Hawai'i Loa campus.

Tutoring is available for over 100 courses and covers subject areas in fields such as computer science, math, accounting, economics, management, science, modern languages, and all aspects of English, with heavy emphasis on writing. All tutoring complements and supports classroom instruction. It is designed to meet each student's individual needs, and is generally given in one-to-one sessions. Tutoring is tailored to aid students in the mastery of basic skills as well as the further development and refinement of analytical and other skills for academic success. Use of the center's computer lab for specified computer-assisted tutoring is also available.

SCIENCE AND NURSING LABORATORIES

The University maintains well-equipped laboratories at its Hawai'i Loa windward campus to support its Nursing, Marine Science, Environmental Studies, and other science-related degree programs and courses. These facilities provide students with monitored hands-on experience. The University's research vessel, *Kaholo*, is maintained to specifically support the University's Marine Science program. It is used as a floating laboratory, providing students with access to one of the premier marine research environments in the state.

COMPUTING SERVICES

The Information Technology Services Division's Computing Services department provides the reporting and response systems for various types of computer system problems throughout the University via the ITS Help Desk. The ITS Help Desk supports HPU Pipeline (accounts, login, and connection problems); Internet (dial-up access and system set-up problems); Blackboard (distance learning); and faculty and staff

computers (technical support for all faculty and staff using University-provided computers and software). The ITS Help Desk may be contacted by e-mail <helpdesk@hpu.edu>, or by telephone (808) 566-2411. Requests for assistance received during working hours are acknowledged within 24 hours or the following business day for after-hours requests.

Frear Center

The Frear Center is the University's premier technology facility on its downtown campus. In the Frear Center, state-of-the-art computer classrooms specifically designed and equipped to support the University's computer courses provide students in the MSIS and Computer Science programs with a professional hands-on environment.

The Communication Video Lab is used primarily by students enrolled in the University's communication major. This lab includes six editing bays, a soundproof audio booth, and digital audio mixing booth utilizing the latest editing technology.

University Computer Center (Downtown)

In support of its undergraduate and graduate computer-related degree programs and other curricula, the University provides a networked environment of personal computer stations, utilizing several operating systems. A variety of software packages and programs for computer-aided design, graphics, desktop publishing, statistics, data management, word processing, spreadsheet, project management, and presentation applications are available. A number of compilers are utilized. The computer facilities throughout the University emphasize the use of IBM-compatible personal computers. The main Computer Center, located on the downtown campus at 1166 Fort Street Mall, is configured to support general computer literacy requirements, more advanced requirements of the CSCI degree program, and work of students enrolled in other computer-related courses throughout the curriculum. Additionally, students may access the Internet and obtain their e-mail.

Additional labs are located at various

Military Campus Programs sites at military installations on O'ahu.

Educational Technology Center (Hawai'i Loa Campus)

The Educational Technology Center (ETC) in the Academic Center on the windward Hawai'i Loa Campus provides similar materials, equipment, and services as the main Computer Center and the Learning Assistance Center (LAC) combined. The ETC houses the University's collections of audiovisual materials for science and nursing study. A modern hands-on multimedia computer classroom is also available in the ETC.

The official HPU identification card, the UniCard, is processed each semester by the Educational Technology Center for the Hawaii Loa Campus.

HPU Pipeline

HPU Pipeline is HPU's centralized in-house information and communication center. Applicants to HPU are granted access to Pipeline when they are accepted for admission. Accounts for others are set up within 24 hours of their first registration.

Announcements about activities, deadlines, and services are posted daily and are accessible from anywhere a student can log on to the Internet. Through Pipeline, students may: use a free-of-charge e-mail service; personalize their calendars; review course schedules, financial aid status, and grades; use eAds, a free classified ad service for HPU students; update mailing address; view course homepages; review course offerings for upcoming sessions; access library resources; link to many other resources and services.

Distance education courses are normally accessed via HPU Pipeline.

Internet Access

All students of Hawai'i Pacific University have access to the Internet through various stations located in the University libraries, the Computer Centers and the Educational Technology Center (ETC). Each student is

provided with free e-mail service available through HPU Pipeline once they register at Hawai'i Pacific University. Applicants who have been admitted are granted early access. While not institutionally required, it is highly recommended that all students consider owning their own personal computer and peripherals in order to accomplish their work.

Wireless Connectivity

Wireless technology available at HPU allows students to access their e-mail, do research on the World Wide Web, and use all of the other resources the Internet has to offer at sites away from the downtown campus Computer Center and the Educational Technology Center (ETC) at the Hawai'i Loa campus. The wireless system also allows students to remotely access many of the programs available at these two locations.

The downtown campus Bookstore has information on purchasing laptop computers at reduced student rates. The Computer Center and ETC provide assistance to students in configuring their computers for wireless use.

The HPU wireless network is available in all buildings and classrooms on the downtown campus and in the Academic Center and residence halls on the Hawai'i Loa campus.



UNDERGRADUATE PROGRAMS OVERVIEW



Types of Undergraduate Programs

Baccalaureate Programs: Hawai‘i Pacific University offers baccalaureate programs of study in the following academic majors, some of which include multiple concentrations or tracks.

BA	BS, BSN, BSW, BEd	BSBA
Bachelor of Arts Anthropology Asian Studies Communication Economics English Environmental Studies History Human Resource Development Humanities Integrated Multimedia International Relations International Studies Journalism Justice Administration Multimedia Cinematic Production. Political Science Psychology Social Science Sociology Teaching English to Speakers of Other Languages	Bachelor of Science Adv. and PR: Strategic Communication Biology Biochemistry Chemistry Computer Science Diplomacy and Military Studies Environmental Science Marine Biology Mathematics Oceanography Bachelor of Science in Health Science Bachelor of Science in Nursing Bachelor of Social Work Bachelor of Education Elementary Education	Bachelor of Science in Business Administration Accounting Business Economics Computer Information Systems Entrepreneurial Studies Finance General Business Human Resource Management International Business Management Marketing Public Administration Travel Industry Management Transfer Programs Pre-Chiropractic Pre-Physical Therapy 3-2 Engineering concentration, under BS Mathematics

Transfer Programs require three years of study at HPU during which the student completes between 90 and 105 semester credits before transferring to another institution to pursue the desired degree. Upon completion of sufficient credits from the second institution to reach a total of 124 semester credits, the student earns a baccalaureate degree from HPU.

Individualized Major: Students may also choose to earn a BA degree with a specialized major outside of the established majors. Such students must consult with an academic advisor and have their respective program approved by the appropriate Dean.

Minors: Hawai'i Pacific University offers minor programs of study in many fields. Students may choose to pursue a minor in addition to enrolling in a major course of study.

Minors Offered at HPU		
Accounting	Geography	Music
American Studies	Global Communication	Oceanography
Art History	History	Philosophy
Biology	Human Resource	Physical Sciences
Business Economics	Development	Pre-Medical Studies
Chemistry	Human Resource	Political Science
Classical Studies	Management	Psychology
Communication Studies	Human Services	Public Administration
Computer Information	Humanities	Religious Studies
Systems	Industrial/Organizational	Social Sciences
Computer Science	Psychology	Sociology
Diplomacy and Military	International Business	Spanish
Studies	International Studies	Speech Communication
East-West Classical Studies	Japanese	Strategic Communication
Economics	Journalism	Studio Art
English	Justice Administration	Teaching English to Speakers
Entrepreneurial Studies	Management	of Other Languages
Environmental Studies	Marketing	Theater
Film Studies	Mathematics	Travel Industry Management
Finance	Multimedia Studies	Writing
Gender and Women's Studies		

A minor program of study encompasses completion of selected courses that are fewer in number and less comprehensive than a major. At least four courses in the minor field must be taken in addition to coursework in the major. All students must complete a minimum of six (6) semester credits of minor course work in residence with HPU in order to be awarded a minor. Although the minor is not listed on the diploma, it is listed on the transcript, provided that the student has completed all necessary course work and the degree has been conferred. Minors must be identified prior to degree conferral. Students may not add minor courses of study to degree programs that have already been completed and conferred on the original transcript. Please refer to the "Minors" section for specific requirements for each minor.

Associate Degrees: Hawai'i Pacific University offers Associate degree programs through its Military Campus Programs. These degree programs are not available at the downtown or Hawai'i Loa campuses. Associate degrees require completion of 60 semester credits in both required and elective subjects. Please refer to the "Military Campus Programs" section.

Certificate Programs: Hawai'i Pacific University offers a variety of certificate programs which allow students to gain professional skills, knowledge and expertise in a specific area. Please refer to the "Certificates" section.

Baccalaureate Requirements:

To earn a Bachelor of Science or Bachelor of Arts degree, students must complete a minimum of 124 semester hours of academic study. Such study includes fulfilling general education common core, cross-theme, and upper-division requirements, as well as the specific upper- and lower-division requirements for the chosen major. Students must also complete a minimum of 12 semester credits of the major courses at Hawai'i Pacific with a 2.0 GPA or above. Curricula for the respective programs and majors are delineated in the "Major Courses of Study" section of this catalog which is organized by type of degree. At least 36 semester credits must be upper-division courses (courses which are numbered at the 3000-level and above). Students must also complete their last 30 semester hours in residence at Hawai'i Pacific. Students must attain a cumulative GPA of at least 2.0 in all courses taken at Hawai'i Pacific University as well as a cumulative GPA of at least 2.0 in all courses required for and counted toward the major. Additional requirements are found on page 32.

In each program, students are provided with an opportunity to explore an academic field in depth, develop an understanding of its historical, social, and economic implications, and examine pertinent moral and ethical issues. The courses within each of the programs and majors are designed to provide students with a general perspective and solid foundation for personal and career development. Curriculum requirements for the respective programs prepare graduates to function effectively and competitively in an evolving social and technological environment. Hawai'i Pacific's programs encourage students to undertake challenges; to think and question on a critical and analytical level; and to develop a momentum for lifelong learning.

Modern Language Requirements:

Most of the Bachelor of Arts degrees require the study of a modern language. Some programs allow Latin to be substituted for a modern language. The language requirement enables students to communicate in another language and to understand the culture, customs, and beliefs of another ethnic group. Language is used as a means through which students learn to understand each other and to work together in the international community. Hawai'i Pacific University presently offers these modern languages: Arabic, Chinese (Mandarin), French, Hawaiian, Japanese, Korean, and Spanish.

Bachelor of Arts degree programs that involve direct interaction with the international community require students to complete four semesters (16 credits) of the same language: Asian Studies, International Relations, International Studies, and Teaching English to Speakers of Other Language (TESOL).

Other programs that do not necessarily involve direct interaction with the international community generally require that students complete two semesters (8 credits) of the same language: Anthropology, Communication, Economics, Elementary Education, English, History, Humanities, Journalism, Multimedia Cinematic Production, Political Science, Psychology, Social Science, and Sociology. If their program of studies permits, students are encouraged to take an additional two semesters of language in

order to attain language proficiency.

The BSBA in International Business as well as the BS in Diplomacy and Military Studies also require modern language study.

EXEMPTION FROM MODERN LANGUAGE REQUIREMENTS:

A. Non-native English-speaking Students

1. Non-native English-speaking students who 1) complete ELS or 2) satisfy HPU's English proficiency requirement through the TOEFL exam or other test are exempt from this requirement in that they already have demonstrated proficiency in a second language.
2. Non-native English-speaking students electing to take an HPU modern language must select a language in which they do not have any native or near-native competency.

B. Native English-speaking Students

1. A student wanting to continue with university-level studies of a language studied in high school takes a placement test at HPU to determine what level of HPU course should be selected. Such a student would have to complete the same HPU-offered language only until the highest level required for the degree program is accomplished. Academic credit is not given for any level of proficiency learned other than through HPU coursework and/or transfer credit from recognized colleges and universities. Students are encouraged to consult with faculty in their program of study to determine which language is most appropriate to their field.
2. If an entering student has full proficiency in a language taught at HPU, as shown by completing the appropriate placement tests, then no additional language study is required. While the student thus fulfills the modern language requirement, HPU academic credit is not awarded for such prior language acquisition, unless earned through transfer credit from a recognized college or university.
3. If a student has proficiency in a language other than that offered at HPU, such proficiency is accepted only if the student has graduated from an academic institution where the language of instruction is not English, as indicated on a transcript. Otherwise, the student is expected to take one of the modern languages offered at HPU. HPU academic credit is not awarded for such prior second language acquisition, unless earned through transfer credit.

C. General Education Credit for Language Study

1. Students receive credit for the Communication Skills B requirement only when academic credit is awarded for a beginning or intermediate modern language course completed at HPU or transferred from another college or university.
 2. Students who are exempt from the language requirement but do not receive academic credit for their prior language acquisition must still meet the Communication Skills B requirement.
 3. Students who complete or earn transfer credit for LAT 1100 receive credit for the Communication Skills C requirement and must still meet the Communication Skills B requirement.
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GENERAL EDUCATION

Drawing on a variety of disciplines, the general education program provides students with a liberal arts foundation as a preparation for in-depth study in a major field and for life-long learning as a member of our global society. Courses in the general education program provide students with the breadth of knowledge and essential skills that they will need to participate as informed, responsible citizens in the world today. The program is organized around five themes: Communication Skills, Global Systems, Research and Epistemology, Values and Choices, and World Cultures. The general education program is the foundation of the baccalaureate programs and is a required part of all baccalaureate degrees.

GENERAL EDUCATION PROGRAM OBJECTIVES:

- 1. Students understand communication as a process and can critique information and opinion; demonstrate competence in writing, computer use, verbal discourse, and group dynamics; comprehend the functions and impact of the mass media and information technology.*
- 2. Students understand that the interaction of many systems holds the global community together and that these political, economic, organizational, scientific, and cultural systems cross both national borders and disciplinary boundaries.*
- 3. Students learn to use suitable modes of inquiry and their own judgment to propose solutions to complex problems. They develop the ability to verify, evaluate, test, and place that knowledge in the broad spectrum of solutions that are appropriate to the area of inquiry.*
- 4. Students engage with diverse individual, social, and aesthetic value systems and develop respect for differences within and among these values and choices. They develop and/or refine a conscious value system that directs their own behavior.*
- 5. Students learn about the values and lifestyles of contemporary and historical cultures throughout the world as a means of understanding diverse approaches to life and as a catalyst for reflecting on their own customs and choices.*

THE GENERAL EDUCATION COMMON CORE

In the common core of the general education program, which is taken by every student, regardless of major, students select courses to satisfy requirements in 15 different categories, three per theme. Students may fill no more than two of these requirements with courses from the same academic discipline as indicated by the course alpha (the alphabetic prefix such as HIST or BIOL). In addition, students must meet two cross-theme requirements described below. Each course that satisfies a cross-theme requirement also satisfies one of the 15 categories, so with careful selection, students can fulfill these 17 requirements with 15 courses. Courses may be applied simultaneously to common core requirements and to other lower-division requirements for the degree such as lower-division business requirements, lower-division major requirements or lower-division language requirements.

COMMUNICATION SKILLS THEME

Communication Skills A: Writing and Critical Thinking

- In the Writing and Critical Thinking category, courses emphasize written communication, developing information literacy and critical thinking skills, writing with an awareness of audience and context, and analyzing and constructing written arguments. Students who choose WRI 1150 are also introduced to the interpretation and analysis of poems, plays, and stories. Students in JOUR 1100 are introduced a variety of new writing styles and distribution methods that are dominating public discourse today
- Choose one option:*

JOUR	1100	Writing for the Media
WRI	1100	Writing and Analyzing Arguments
WRI	1150	Literature and Argument

(Note: When “pre: CSA” is shown in parenthesis after a gen ed course it means that students must pass JOUR 1100 or WRI 1100 or WRI 1150 with a C- or better or have AP or transfer credit for this category before taking that course. When “pre: R&EA” is shown, students must have passed WRI 1200 or COM 1400 with a C- or better or have transfer credit for a Research & Epistemology A course before taking that course).

Communication Skills B: Communication Contexts

- In the Communication Contexts category students participate in and develop skills for communication in a variety of modes and contexts and within and across various domains. Students analyze and compare and contrast different communication situations and focus on at least two different modes of communication. Among the courses in this category are several from the Department of Communication, modern language courses offered by the Department of International Studies and options from history, nursing and education.
- For all majors except nursing, choose one option*

COM	1000	Introduction to Communication Skills
COM	1200	Foundations of Communication Studies
COM	2500	Sex, Gender and Communication (pre: CSA)
ED	2300	Introduction to Teaching
HIST	1717	Reacting to the Past

Lower-division modern language courses
- For nursing majors only, all three of the following*

NUR	2940	Health Promotion
NUR	2960	Therapeutic Communication
NUR	2961	Applied Therapeutic Communication

Communication Skills C: Other Communication Skills Courses

- This category allows students to explore a variety of courses related to the communication theme, including courses in theatre, public speaking, classical languages and electronic communication.
 - Choose one option:*

CLST	2600	Greek and Latin Roots of English (pre: R&EA)
COM	1500	Public Speaking in a Mediated World (MCP only)
COM	2000	Public Speaking (pre: CSA)
COM	2640	Argumentation and Debate (pre: CSA and COM 1000 or 1200)
-

CSCI	1011	Introduction to Computer Based Systems (Digital Literacy)
LAT	1100	Beginning Latin I
MULT	1100	Foundations of Multimedia Production
THEA	1400	Intro. to Technical Theater (Art, Aesthetics and Creativity)

GLOBAL SYSTEMS THEME

Global Systems A: Natural Systems.

- Courses in this category focus on the natural sciences, analyzing natural systems and processes, introducing students to the scientific method, and frequently examining environmental issues. They include a variety of introductory courses in biological and physical sciences for students not majoring in natural science as well as General Biology II for natural science majors. Other students *could* choose to take BIOL 2052, but because they would need BIOL 2050 first, the choice is unlikely).
- *Majors other than natural science BS degrees choose one option*

BIOL	1000	Introductory Biology
CHEM	1000	Introductory Chemistry ¹
GEOG	1000	Introduction to Physical Geography
GEOL	1000	Introduction to Geology
MARS	1000	Introductory Oceanography
PHYS	1000	Introduction to the Physical Sciences
- *Natural Science BS Majors*

BIOL	2052	General Biology II (pre: BIOL 2050)
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¹CHEM 1000 is primarily intended for Nursing majors who will use it for both this category and a lower-division major requirement. Recommended prerequisites are a year of high school algebra and a year of high school chemistry

Global Systems B: Globalization

- In this category students focus on the process of globalization from a historical or cultural perspective and look at the role of transnational organizations, ideas, movements and economic systems.
- *Choose one option*

ECON	1010	Global Economic Issues
GEOG	2000	Introduction to Human Geography (pre: CSA)
HIST	2002	Global Historical Experience (pre: CSA)
MARS	1500	Marine Biology and the Global Oceans
MULT	2060	Modern Media Systems (pre: R&EA)

Global Systems C: Other Global Systems Courses

- This category allows for a variety of approaches to the theme of Global Systems and includes additional natural science courses, options from history and sociology, and a digital literacy course
 - *Choose one option*

BIOL	1200	Human Biology
BIOL	1500	Conservation Biology
BIOL	2010	Human Life Cycle
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BIOL	2030	Anatomy and Physiology I ²
CHEM	2050	General Chemistry I ³
CSCI	1041	Digital Literacy in a Global Society (Digital Literacy)
ENVS	3000	Science and the Modern Prospect (Pre: R&EA)
HIST	2630	History of Science and Technology (Pre: CSA)
INTR	1000	The International System
PHYS	1020	Astronomy
SOC	2600	Peace Studies (Pre: R&EA)

²BIOL 2030 is primarily taken by Nursing majors who will use it for both this category and a lower division major requirement. Prerequisites include MATH 1115 or a higher R&E B MATH course and a CSA course

³CHEM 2050 is primarily taken by natural science majors who will use it for both this category and a lower division major requirement. Prerequisites include MATH 1130 or a higher R&E B MATH course and a CSA course

RESEARCH AND EPISTEMOLOGY THEME

Research and Epistemology A: Writing, Research, and Information Literacy

- Courses in this category are second semester composition courses in which students learn to do library and electronic research, produce a term paper and improve their skills in writing academic arguments and incorporating appropriate source material.

- *Choose one option*

COM	1400	Critical Reading and Rhetoric (pre: CSA)
WRI	1200	Research, Argument, and Writing (pre: CSA)

Research and Epistemology B: Numeracy and Quantitative Reasoning

- Courses in this category include the majority of general education math courses through Calculus II as well as two logic courses and a computer programming course. They focus on understanding and analyzing numerical data, problem solving, and critical thinking.
- *Take the course or courses listed in your lower division major requirements or choose one course if your major requires none of these*

CSCI	2611	A Gentle Introduction to Computer Programming (pre: MATH 1105 and a digital literacy course)
MATH	1110	Introduction to Mathematical Logic (pre: MATH 1105)
MATH	1115	Survey of Mathematics (pre: MATH 1105)
MATH	1130	Pre-Calculus I (pre: MATH 1105)
MATH	1140	Pre-Calculus II (pre: MATH 1130)
MATH	1150	Pre-Calculus I and II Accelerated (pre: MATH 1105 with an A grade)
MATH	2214	Calculus I (pre: MATH 1140 or 1150)
MATH	2215	Calculus II (pre: MATH 2214)
PHIL	2090	Principles of Logic (pre: CSA)

Research and Epistemology C: Research and Epistemology in the Disciplines

- Courses in this category introduce students to the concept of epistemology as well as to research methods and epistemological assumptions of one or more disciplines.

- *Choose one option*

ENG	1500	Ways of Reading: Literature, Film, Culture
HIST	2900	The Historian's Craft (any 2000 level HIST co-requisite)
MATH	1123	Elementary Statistics (pre: MATH 1105)
PHIL	3731	Philosophy of Social Science (R&EA and 2 social science courses, prerequisites)
PHYS	2030	College Physics I (pre: MATH 1140 or 1150) ⁵
PHYS	2050	General Physics I (pre: MATH 2214) ⁵
PSY	1000	Introduction to Psychology
SOC	2100	Fundamentals of Research (pre: R&EA)

⁵ Though open to other students, these courses are primarily intended for natural science and mathematics majors who will use the chosen course for both this category and a lower-division major requirement

VALUES AND CHOICES THEME

Values and Choices A: Ethical Inquiry

- In the ethical inquiry category students explore different systems or models of ethical decision making and apply them to specific cases.

- *Majors other than nursing, choose one option:*

AMST	1776	Essential America
CLST	1000	Great Books East and West
ENG	2201	Literary Utopias and Dystopias (pre: CSA; Art, Aesthetics and Creativity)
ENG	2203	Banned Books (pre: CSA 1100)
ENVS	1030	Tropical Ecology and Sustainability
HUM	3000	Contemporary Choices (pre: R&EA)
PHIL	2500	Introduction to Ethics (pre: R&EA)
PSCI	2000	Introduction to Politics
SWRK	2000	Profession of Social Work (pre: CSA)

- *For nursing majors only*

NUR	2000	Introduction to Professional Nursing Issues.
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Nursing majors will meet this requirement in part by taking this course prior to beginning level one nursing courses. They will also take NUR 3900 later in the program to complete the requirements for this category.

Values and Choices B: Social Choice

- In these courses students explore how values and choices shape societies, how the choices of individuals combine to produce a shared outcome, and the consequences of social choices.

- *Choose one option*

BIOL	1300	Nutrition: Eat Smarter
ECON	1000	Naked Economics
ECON	2010	Principles of Microeconomics (pre: CSA, MATH 1105)
ED	2000	Foundations of American Education (pre: R&EA)
ENG	2202	Popular Fiction (pre: CSA)

ENG	2204	Monsters, Mutants and Aliens (pre: CSA)
ENG	2301	World Film Studies (pre: CSA; Art Aesthetics, and Creativity)
HIST	2111	Intro to Greco-Roman Civilization (pre: CSA)
HUM	1000	Introduction to the Humanities
JADM	1000	Crimes and Criminals
PSCI	2500	World Politics (pre: CSA)
SOC	2000	Social Problems and Policy (pre: CSA and any introductory social science course)
THEA	1000	Introduction to Theatre (Art, Aesthetics, and Creativity)

Values and Choices C: Other Values and Choices Courses

- This category allows for a variety of approaches to the theme of values and choices and includes courses from economics, literature, history, philosophy, political science, religion and natural science.

- Choose one option*

ECON	2015	Principles of Macroeconomics (pre: CSA, MATH 1105)
ENG	2000	Introduction to Literature (pre: CSA; Art, Aesthetics and Creativity)
HIST	2112	Medieval and Early Modern Europe (pre: CSA)
HIST	2301	Introduction to Asian Civilizations (pre: CSA)
NSCI	2000	Lessons from Building Sustainable Communities
NSCI	2100	Biotechnology Problems and Solutions (pre: CSA)
PHIL	1000	Introduction to World Philosophies
PSCI	1400	American Political System

WORLD CULTURES THEME

World Cultures A: Cultures, Themes and Movements

- These courses center on the historical development of cultures and the significance of important movements or themes which have shaped those cultures.

- Choose one option*

ARTH	2000	The Art of Asia (pre: any introductory humanities course; Art Aesthetics and Creativity)
ARTH	2100	Tribal Arts (pre: any introductory humanities course; Art Aesthetics and Creativity)
ARTH	2200	Foundations of Western Art (pre: any introductory humanities course; Art, Aesthetics, and Creativity)
ENG	2101	Representations of Pacific Life (pre: CSA; Art, Aesthetics, and Creativity)
GEOG	1500	World Regional Geography
HIST	2001	History of World Cultures to 1500 (pre: CSA)
JADM	2000	Laws and Courts in World Cultures
MATH	2007	Math Across the Ages (pre: MATH 1130 or higher)
REL	1000	Introduction to World Religions

World Cultures B: Engaging With Difference

- In these courses students explore and analyze various manifestations of cultures; look at the roles played by such factors as gender, race, class, and ethnicity; and develop skills that will enable them to assess and engage with cultural difference in a compassionate
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and systematic fashion and to use other people's experiences as a way to reflect critically on their own ways of understanding the world.

- *Choose one option*

AL	1000	Language Awareness
ANTH	2000	Cultural Anthropology
COM	2300	Culture and Communication (pre: CSA)
HIST	2402	American History since 1865 (pre: CSA)
HUM	1270	Introduction to Women's Studies
MUS	2101	Music in World Culture (pre: R&EA; Art, Aesthetics, and Creativity)
REL	2001	Search for Meaning (pre: CSA)
SOC	1000	Introduction to Sociology
STSS	2601	War and Civilization (pre: CSA)

World Cultures C: Other World Cultures Courses

- This category allows for a variety of approaches to the theme of World Cultures and includes courses in art, music, literature, history, biology and geography. Many of the courses in this category satisfy the Art, Aesthetics, and Creativity Cross-Theme

- *Choose one option*

AL	2000	Introduction to Linguistics (pre: CSA)
ARTS	1000	Introduction to the Visual Arts (Art, Aesthetics, and Creativity)
ARTS	2150	Introduction to Design (Art, Aesthetics, and Creativity)
BIOL	2170	Ethnobotany: Plants and People (pre:CSA)
ENG	2510	World Literature I (pre: CSA; Art, Aesthetics, and Creativity)
ENG	2520	World Literature II (pre: CSA; Art, Aesthetics, and Creativity)
GEOG	2500	Maps and Civilization (pre: CSA; Art, Aesthetics, and Creativity)
HIST	2113	Modern Europe (pre: CSA)
HIST	2401	American History to 1877 (pre: CSA)
MUS	1000	Intro. to Classical Music (Art, Aesthetics, and Creativity)
REL	2151	Hebrew Bible as Literature (pre: CSA)
THEA	2320	Acting I (Art, Aesthetics, and Creativity)

THE CROSS-THEME REQUIREMENTS

Digital Literacy Cross-Theme

- Courses approved for this cross-theme focus on providing students with the skills and knowledge needed to use common information technology applications and to communicate electronically. Options are currently offered which meet the requirements of Global Systems C and Communication Skills C.

CSCI	1011	Introduction to Computer-Based Systems (Com. Skills C)
CSCI	1041	Digital Literacy in a Global Society (Global Systems C)

Art, Aesthetics, and Creativity Cross-Theme

- Courses in this cross-theme seek to foster appreciation for aesthetic achievement through study of, and sometimes performance and participation in, the arts. Many of the courses also focus on training students in the vocabulary and conceptual skills needed to appreciate or respond to aesthetic activity from cultures other than one's own. Options
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are found in Communication Skills C, and in each of the Values and Choices and World Cultures categories.

ARTH	2000	The Art of Asia (World Cultures A)
ARTH	2100	Tribal Arts (World Cultures A)
ARTH	2200	Foundations of Western Art (World Cultures A)
ARTS	1000	Introduction to the Visual Arts (World Cultures C)
ARTS	2150	Introduction to Design (World Cultures C)
ENG	2000	Introduction to Literature (Values and Choices C)
ENG	2101	Representations of Pacific Life (World Cultures A)
ENG	2201	Literary Utopias and Dystopias (Values and Choices A)
ENG	2301	World Film Studies (Values and Choices B)
ENG	2510	World Literature I (World Cultures C)
ENG	2520	World Literature II (World Cultures C)
GEOG	2500	Maps and Civilization (World Cultures C)
MUS	1000	Intro. To Western Classical Music (World Cultures C)
MUS	2101	Music in World Culture (World Cultures B)
THEA	1000	Introduction to Theatre (Values and Choices B)
THEA	1400	Intro. to Technical Theater (Communication Skills C)
THEA	2320	Acting I (World Cultures C)

UPPER-DIVISION GENERAL EDUCATION REQUIREMENTS

RESEARCH AND WRITING REQUIREMENT

The purpose of this requirement is to give all students opportunities to continue their progress toward mastery of the Communication Skills and Research and Epistemology program objectives at the upper-division level, with an emphasis on performing the kinds of research appropriate to their chosen academic and professional fields and communicating the results in appropriate ways, both orally and in writing. Depending on the program of study, students may be required to meet this requirement with a specific course, with a choice of courses approved by the program, or with any option on the list of approved courses below. A program may require more than one course for this requirement.

The following courses meet this requirement:

ADPR	3700	Integrated Promotion Management
ANTH	3000	Is Global Citizenship Possible?*
ANTH	3200	Medical Anthropology
CHEM	4910	Senior Seminar
COM	3400	Communicating Professionally
COM	3420	Business Communication
COM	3500	Technical Communication
ED	3200	Education Research and Writing
GEOG	3720	Population Dynamics
HIST	3900	Research and Writing Across Time and Culture
HUM	3900	Research and Writing in the Humanities
MGMT	3550	Business Research Methods
NSCI	3000	Building Sustainable Communities*
SOC	3100	Methods of Inquiry
SWRK	3300	Writing and Research in Social Work

The following combinations of courses meet this requirement:

BIOL	3080	Ecology and BIOL 3081 Ecology Laboratory
NUR	4700	Research Proposal Development and NUR 4960 Developing a Healthy Community

*A student who takes ANTH 3000 or NSCI 3000 may count it toward either the Research and Writing requirement or the Citizenship requirement but not both. Two different courses must be used to meet the upper-division general education requirements.

CITIZENSHIP REQUIREMENT

The purpose of the citizenship requirement is to provide students with learning opportunities consistent with the university's mission to "anticipate the changing needs of the community and prepare our graduates to live, work, and learn as active members of a global society." There are two different options: Global Citizenship and Service Learning courses. While some programs specify which course is required to meet this requirement, most leave this requirement open to student choice.

Global Citizenship

The Global Citizenship option emphasizes preparing graduates for active membership in a global society and provides opportunities for exploring the meaning of global citizenship and related concepts such as sustainability, justice, human rights and social responsibility, as well as the impact and process of globalization. Students work toward mastery of the general education program objectives with an emphasis on Values and Choices, World Cultures and Global Systems.

The following courses meet this requirement.

ANTH	3000	Is Global Citizenship Possible?
ANTH	3230	Making a Difference
COM	3300	Intercultural Communication
ENVS	3000	Science and the Modern Prospect
HIST	3000	Citizenship and Border Identities in European History
HIST	3414	"Untied States": Race and Ethnicity in American History
HIST	3650	History of Oil in the Modern World
HUM	4500	World Problematique
INTR	3901	International Human Rights
PHIL	3651	Environmental Ethics
PHIL	4500	Global Justice
PSCI	3100	International Relations
PSY	3235	Cross-Cultural Psychology
REL	3500	Indigenous Traditions
SOC	3380	Cross-Cultural Relations
SOC	3650	Global Systems and Development

Service Learning

The service-learning option addresses this part of the university's mission by providing students with hands-on experiences which allow them and the university to serve the community and create alliances between the university and local communities. Service-learning courses may also potentially involve serving more distant communities.

The following courses qualify as service-learning courses that meet the citizenship requirement:

ANTH	3600	Poverty and Culture
CSCI	4911	Software Project
CSCI	4921	Software Project Management
ED	3500	Service Learning for Elementary Education
HIST	3558	Living History Hawai'i
MATH	4920	Math Education Practicum
NSCI	3000	Building Sustainable Communities
NUR	4961	Developing a Healthy Community Laboratory
SOC	4910	Community Intervention
WRI	3510	Introduction to Composition Studies

OVERLAPPING GENERAL EDUCATION COURSES AND MAJOR COURSES.

Courses may simultaneously be counted for both the general education common core and cross-theme requirements and for other lower-division requirements such as lower-division major requirements, business requirements or language requirements. Courses counted in the lower-division section of the program of studies may not also be applied to any requirements in the upper-division section of the program of studies. However, courses taken as part of the upper-division major requirements which are also approved for upper-division general education may be counted for both requirements unless otherwise specified, and this potential overlap will be noted in the program of studies.

Students in degree programs with a large number of requirements will be interested in maximizing overlap between general education and other degree requirements in order to preserve some unrestricted electives and/or make timely progress toward completion of the degree. For most students, maximizing overlap simply increases the number of unrestricted elective requirements that will be needed to reach a total of 124 semester credits. This can be useful for students who wish to pursue a minor, a double major, or study abroad opportunities, or for those who transfer many credits of unrestricted electives. One excellent use of unrestricted elective credits, however, is to take additional general education courses in areas of interest.

Each program of studies will indicate parenthetically which common core categories will be satisfied by the courses students are required to take for that particular major. A particular degree program may require more than one course that meets a particular general education category. In that case, one course will be applied to both general education and the major while the other(s) apply only to the major. Students will not usually need to take any other courses to meet the general education requirements from those general education categories where their major requires an eligible course. However, if a major requires three or four courses with the same alpha (such as four HIST courses or three PSCI courses), a student will be able to count only two of them toward the common core and will need to take a course from a different discipline in the other categories. Sometimes which categories will be satisfied will depend on which courses are taken in order to meet specific lower-division requirements. For example, if the lower-division major requirements include either SOC 1000 or SOC 2000, taking SOC 1000 will meet the requirement for World Cultures B, while taking SOC 2000 will meet the requirement for Values and Choices B. Since all possible combinations cannot be described in the catalog, students will find more detailed advice for maximizing overlap on the HPU web site.

In most programs there will be several categories where the major does not require any eligible course. Students must then take an appropriate general education course from the chart shown on page 70 to fulfill that category. The program of studies will also indicate whether any of the courses required by that program will meet the Art, Aesthetics and Creativity Cross-Theme and whether there is a preference for either of the digital literacy options for students wanting to maximize overlap.

Page 70 includes a chart of all the courses which meet the various general education requirements. Page 214 shows the options for Nursing majors which are more restricted.

General Education Program Checklist

Requirement	Course	✓	Notes
Cross-theme Requirements			
Digital Literacy			This course may also be counted in the appropriate category below.
Art, Aesthetics and Creativity			This course may also be counted in the appropriate category below.
Five Themes- based Common Core Requirements (Students may be able to apply some courses taken to meet lower-division major requirements).			
Communication Skills A			
Communication Skills B			
Communication Skills C			
Global Systems A			
Global Systems B			
Global Systems C			
Research and Epistemology A			
Research and Epistemology B			
Research and Epistemology C			
Values and Choices A			
Values and Choices B			
Values and Choices C			
World Cultures A			
World Cultures B			
World Cultures C			
Upper-Division General Education Requirements			
Upper-Division Research and Writing			Check major requirements before choosing a course or courses.
Upper-Division Global Citizenship or Service Learning			Check major requirements before choosing a course or courses.

General Education Common Core Courses

1. Take one course from each of the 15 boxes. If a course shown here is also a lower division requirement for your major, it can simultaneously fulfill both requirements. Extra courses from the same box will apply to lower division requirements where applicable or be counted as unrestricted electives.
2. No more than two courses with the same alpha (alphabetic prefix such as HIST or BIOL) can be applied toward the common core requirements.
3. Among courses chosen to meet these 15 requirements choose one that meets each of the cross-theme requirements.
 - Digital Literacy (DL): complete CSCI 1011 or CSCI 1041 or take the proficiency exam
 - Art, Aesthetics, and Creativity: Complete any course marked with “**”

	Communication Skills	Global Systems	Research & Epistemology	Values & Choices	World Cultures
A	JOUR 1100 WRI 1100 WRI 1150	BIOL 1000 BIOL 2052 ^{1,2} CHEM 1000 GEOG 1000 GEOL 1000 MARS 1000 PHYS 1000	COM 1400 WRI 1200	AMST 1776 CLST 1000 ENG 2201* ENG 2203 ENVS 1030 HUM 3000 PHIL 2500 PSCI 2000 SWRK 2000	ARTH 2000* ARTH 2100* ARTH 2200* ENG 2101* GEOG 1500 HIST 2001 JADM 2000 MATH 2007 REL 1000
B	COM 1000 COM 1200 COM 2500 ED 2300 HIST 1717 Lower-division modern language courses	ECON 1010 GEOG 2000 HIST 2002 MARS 1500 MULT 2060	CSCI 2611 MATH 1110 MATH 1115 MATH 1130 MATH 1140 MATH 1150 MATH 2214 MATH 2215 PHIL 2090	BIOL 1300 ECON 1000 ECON 2010 ED 2000 ENG 2202 ENG 2204 ENG 2301* HIST 2111 HUM 1000 JADM 1000 PSCI 2500 SOC 2000 THEA 1000*	AL 1000 ANTH 2000 COM 2300 HIST 2402 HUM 1270 MUS 2101* REL 2001 SOC 1000 STSS 2601
C	CLST 2600 COM 1500 COM 2000 COM 2640 CSCI 1011 (DL) LAT 1100 MULT 1100 THEA 1400*	BIOL 1200 BIOL 1500 BIOL 2010 BIOL 2030 ² CHEM 2050 ^{1,2} CSCI 1041 (DL) ENVS 3000 HIST 2630 INTR 1000 PHYS 1020 SOC 2600	ENG 1500 HIST 2900 MATH 1123 PHIL 3731 PHYS 2030 ^{1,2} PHYS 2050 ^{1,2} PSY 1000 SOC 2100	ECON 2015 ENG 2000* HIST 2112 HIST 2122 HIST 2301 NSCI 2000 NSCI 2100 PHIL 1000 PSCI 1400	AL 2000 ARTS 1000* ARTS 2150* BIOL 2170 ENG 2510* ENG 2520* GEOG 2500* HIST 2113 HIST 2401 MUS 1000* REL 2151 THEA 2320*

Notes:

¹Courses intended for students pursuing a BS degree in the College of Natural Sciences which may have prerequisites not included in the common core.

²Courses with an associated laboratory requirement. Students choosing these courses should also take the lab which may apply to their lower-division major requirements.

Nursing majors: see page 214

Undergraduate Programs and Degrees Offered by School or College

The chart below shows degrees offered by school or college, with program name, type of degree and page number of degree requirements in the catalog.

College of Business Administration

Program	Degree	Page
Accounting	BSBA	183
Accounting	AS	284
Accounting	Minor	240
Business Economics	BSBA	185
Business Economics	Minor	242
Economics	BA	90
Economics	AS	288
Economics	Minor	245
Entrepreneurial Studies	BSBA	190
Entrepreneurial Studies	Minor	246
Finance	BSBA	192
Finance	AS	290
Finance	Minor	246
General Business	BSBA	195
Human Res. Develop.	BA	102
Human Res. Develop.	Minor	247
Human Res. Mgmt.	BSBA	197
Human Res. Mgmt.	Minor	247
Human Res. Mgmt.	Certificate	265
International Business	BSBA	199
International Business	Minor	248
Management	BSBA	202
Management	AS	292
Management	Minor	249
Marketing	BSBA	204
Marketing	AS	294
Marketing	Minor	249
Public Administration	BSBA	206
Public Administration	Minor	252
Supervisory Leadership	Assoc.	299
Travel Industry Management	BSBA	208
Travel Industry Management	Minor	255
Travel & Hospitality Management	Certificate	271

College of Humanities and Social Sciences

Program	Degree	Page
Advertising and Public Relations: Strategic Communication	BS	141
-Account Management	BS	141
-Creative	BS	143
American Studies	Minor	240
Anthropology	BA	77
Anthropology	Certificates	258
-Asian Studies	Certificate	258
-Body, Sex and Food	Certificate	259
-Cultural and Social Analysis	Certificate	260
-Culture and Language Learning	Certificate	260
- Hawai'i/ Pacific Studies	Certificate	261
-Individualized Certificate	Certificate	263
- Managing our Mortality	Certificate	262
- Public Anthropology	Certificate	262
Art History	Minor	241
Asian Studies	BA	82
Classical Studies	Minor	243
Communication	BA	87
Communication Studies	Minor	243
Diplomacy and Military Studies	BS	160
Diplomacy and Military Studies	Minor	244
East West Classical Studies	Minor	245
Education (4+1)	Concurrent	224
Elementary Education	BEEd	138
English	BA	92
English	Minor	246
Film Studies	Minor	246
Gender and Women's Studies	Minor	246

Program	Degree	Page
General Studies	AA	277
Geography	Minor	247
Global Communication	Minor	247
History	BA	98
History	Minor	247
Human Services	Minor	248
Humanities	BA	104
Humanities	Minor	248
Individualized Major	BA	108
Industrial/Organizational Psychology	Minor	248
Integrated Multimedia	BA	109
International Relations	BA	112
International Studies	BA	116
International Studies	Minor	248
Japanese	Minor	248
Journalism	BA	120
Journalism	Minor	249
Justice Administration	BA	122
Justice Administration	AA	280
Justice Administration	Minor	249
Military Studies	AS	296
Multimedia Cinematic Production	BA	124
Multimedia Studies	Minor	250
Music	Minor	250
Philosophy	Minor	251
Political Science	BA	127
Political Science	Minor	251
Psychology	BA	129
Psychology	Minor	252
Religious Studies	Minor	252
Social Science	BA	131
Social Sciences	Minor	253
Social Work	BSW	222
Sociology	BA	133
Sociology	Minor	253
Spanish	Minor	253
Speech Communication	Minor	254
Strategic Communication	Minor	254

Studio Art	Minor	254
Teaching English to Speakers of Other Languages.	BA	135
Teaching English to Speakers of Other Languages.	Minor	255
Teaching English to Speakers of Other Languages.	Certificate	268
Theater	Minor	255
Writing	Minor	255

College of Natural and Computational Sciences

Program	Degree	Page
Biochemistry	BS	145
Biology	BS	148
-General Biology	BS	148
-Human and Health Sciences	BS	151
Biology	Minor	241
Chemistry	BS	154
Chemistry	Minor	242
Computer Information Systems (CIS)	BSBA	187
CIS	Minor	244
CIS	Certificate	263
Computer Science	BS	157
Computer Science	AS	286
Computer Science	Minor	244
Environmental Science	BS	163
Environmental Studies	BA	96
Environmental Studies	Minor	246
Marine Biology	BS	167
Mathematics	BS	170
-Applied Math	BS	171
-Math Education	BS	173
-Pure Math	BS	175
-3-2 Engineering (Transfer program)	BS	177
Mathematics	AA	282
Mathematics	Minor	250
Oceanography	BS	180

Program	Degree	Page
Oceanography	Minor	251
Physical Sciences	Minor	251
Pre-Chiropractic (Transfer Program)	BS	226
Pre-Medical Studies	Minor	252
Pre-Medical/Pre-Health Studies	Certificate	266
Pre-Physical Therapy (Transfer program)	BA	228

College of Nursing and Health Science

Program	Degree	Page
Forensic Health Science	Certificate	265
Health Science	BSHS	211
Nursing	BSN	213
-LPN to BSN Path	BSN	219
-RN to BSN Path	BSN	219
-Int'l Nursing Path	BSN	221
Transcultural Nursing	Certificate	270

Alphabetical List of Undergraduate Programs offered.

The list shows program name, type of degree and page number of degree requirements in the catalog.

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-Account Mgmt	BS	141
-Creative	BS	143
American Studies	Minor	240
Anthropology	BA	77
Anthropology	Certificates	258
-Asian Studies	Certificate	258
-Body, Sex and Food	Certificate	259
-Cultural and Social Analysis	Certificate	260
-Culture and Language Learning	Certificate	260
- Hawai'i/ Pacific Studies	Certificate	261
-Individualized Certificate	Certificate	263
- Managing our Mortality	Certificate	262
- Public Anthropology	Certificate	262
Art History	Minor	241
Asian Studies	Major	82
Biochemistry	BS	145
Biology		148
-General Biology	BS	148
-Human and Health Sciences	BS	151

Program	Degree	Page
Biology	Minor	241
Business Economics	BSBA	185
Business Economics	Minor	242
Chemistry	Major	154
Chemistry	Minor	242
Classical Studies	Minor	243
Communication	BA	87
Communication Studies	Minor	243
Computer Information Systems (CIS)	BSBA	187
CIS	Minor	244
CIS	Certificate	264
Computer Science	BS	157
Computer Science	AS	286
Computer Science	Minor	244
Diplomacy and Military Studies	BS	160
Diplomacy and Military Studies	Minor	244
Economics	BA	90
Economics	AS	288
Economics	Minor	245
East West Classical Studies	Minor	245
Education (4+1)	Concurrent	224
Elementary Education	BEEd	138
English	BA	92
English	Minor	246
Entrepreneurial Studies	BSBA	190

Program	Degree	Page
Entrepreneurial Studies	Minor	246
Environmental Science	BS	163
Environmental Studies	BA	96
Environmental Studies	Minor	246
Film Studies	Minor	246
Finance	BSBA	192
Finance	AS	290
Finance	Minor	246
Forensic Health Science	Certificate	265
Gender and Women's Studies	Minor	246
General Business	BSBA	195
General Studies	AA	277
Geography	Minor	247
Global Communication	Minor	247
Health Science	BSHS	210
History	BA	98
History	Minor	247
Human Resource Development	BA	102
Human Resource Development	Minor	247
Human Resource Management	BSBA	197
Human Resource Management	Minor	247
Human Res. Mgmt.	Certificate	265
Human Services	Minor	248
Humanities	BA	104
Humanities	Minor	248
Individualized Major	BA	108
Industrial/Organizational Psychology	Minor	248
Integrated Multimedia	BA	109
International Business	BSBA	199
International Business	Minor	248
International Relations	BA	112
International Studies	BA	116
International Studies	Minor	248
Japanese	Minor	248
Journalism	BA	120
Journalism	Minor	249

Program	Degree	Page
Justice Administration	BA	122
Justice Administration	AA	280
Justice Administration	Minor	249
Management	BSBA	202
Management	Minor	249
Management	AS	292
Marine Biology	BS	167
Marketing	BSBA	204
Marketing	AS	294
Marketing	Minor	249
Mathematics	BS	170
-Applied Math	BS	171
-Math Education	BS	173
-Pure Math	BS	175
-3-2 Engineering (Transfer program)	BS	177
Mathematics	AA	282
Mathematics	Minor	250
Military Studies	AS	296
Multimedia Cinematic Production	BA	124
Multimedia Studies	Minor	250
Music	Minor	250
Nursing	BSN	213
-LPN to BSN Path	BSN	219
-RN to BSN Path	BSN	219
-Int'l Nursing Path	BSN	221
Oceanography	BS	180
Oceanography	Minor	251
Philosophy	Minor	251
Physical Sciences	Minor	251
Political Science	BA	127
Political Science	Minor	251
Pre-Chiropractic (Transfer Program)	BA	226
Pre-Medical Studies	Minor	252
Pre-Medical/Pre-Health Studies	Certificate	266
Pre-Physical Therapy (Transfer Program)	BA	228
Psychology	BA	129
Psychology	Minor	252

Program	Degree	Page
Public Administration	BSBA	206
Public Administration	Minor	252
Religious Studies	Minor	252
Social Science	BA	131
Social Sciences	Minor	253
Social Work	BSW	222
Sociology	BA	133
Sociology	Minor	253
Spanish	Minor	253
Speech Communication	Minor	254
Strategic Communication	Minor	254
Studio Art	Minor	254
Supervisory Leadership	Assoc.	299
Teaching English to Speakers of Other Languages	BA	135

Program	Degree	Page
Teaching English to Speakers of Other Languages.	Minor	255
Teaching English to Speakers of Other Languages.	Certificate	268
Theater	Minor	255
Transcultural Nursing	Certificate	270
Travel Industry Management	BSBA	208
Travel Industry Management	Minor	255
Travel & Hospitality Management	Certificate	271
Writing	Minor	255



UNDERGRADUATE PROGRAMS OF STUDY

BACHELOR OF ARTS PROGRAMS

**BACHELOR OF EDUCATION
PROGRAM**

**BACHELOR OF SCIENCE
PROGRAMS**

**BACHELOR OF SCIENCE IN
BUSINESS ADMINISTRATION
PROGRAMS**

**BACHELOR OF SCIENCE IN
HEALTH SCIENCE PROGRAM**

**BACHELOR OF SCIENCE IN
NURSING PROGRAMS**

**BACHELOR OF SOCIAL WORK
PROGRAM**

BACHELOR OF ARTS

MAJOR: ANTHROPOLOGY

Total credits required: 124 semester credits

The anthropology major stresses two goals: the refinement of intellectual skills and the nourishing of “citizen scholars.” The certificate programs are a valuable means for emphasizing the cross-disciplinary trends increasingly popular in the social and physical sciences. When students graduate with a degree in anthropology, they are prepared professionally to enter the world trained in their certificate areas. This means that graduates will find employment opportunities in the health care industry, social service agencies, international and local corporations, educational institutions, nongovernmental organizations, and not-for-profit groups.

MISSION STATEMENT

Our mission is to inspire and enable students to become effective and responsible citizens of a global community by engaging with cultural and social difference. We aspire to give students the competency and emotional intelligence to be able to create positive change both within themselves and around them.

PROGRAM OBJECTIVES

Students who major in anthropology will:

- 1. Engage with differences that they normally do not experience in everyday life and, rather than simply tolerating (or being threatened by) them, use these differences as an engine for their own personal growth as citizens in a global world.*
- 2. Understand – through the use of contextual analysis and comparison – the political and cultural frames of reference that shape their perceptions and behaviors in everyday life – the hegemonies that shape our understandings.*
- 3. Gain the analytical and presentational skills to conceive of and demonstrate more just and compassionate visions of reality.*
- 4. Feel empowered – both personally and with the tools of analysis necessary – to carry out the above goals or, to phrase it another way, to feel motivated to actively and effectively engage with the world around them in socially productive ways.*
- 5. Undertake graduate work in anthropology or other disciplines at any institution, if they choose.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
 2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
 3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish
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to maximize overlap between general education and major requirements can be found on the HPU website at <http://www.hpu.edu/overlap>.

LOWER-DIVISION MAJOR REQUIREMENTS (15 SEMESTER CREDITS)

ANTH	2000	Cultural Anthropology (World Cultures B)
ENG	2xxx	Any 2000-level ENG course (Could meet one of several categories depending on the course chosen)
GEOG	2000	Introduction to Human Geography (Global Systems B)
HIST	2xxx	Any 2000-level HIST course (Could meet one of several categories depending on the course chosen)
PSCI	2500	World Politics (Values and Choices B)

LOWER-DIVISION MODERN LANGUAGE REQUIREMENTS (8 SEMESTER CREDITS)

Two semesters of the same modern language: ARB, CHIN, FR, HAWN, JPE, KOR, or SPAN (One semester satisfies Communication Skills B. If the student is exempt from the language requirements, a different course from Communication Skills B must be taken for the common core requirements).

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

Any Upper-Division Research and Writing Course

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course.

Note: If ANTH courses are chosen to meet the two upper-division general education requirements, these courses could overlap with the requirements for the major, increasing the number of unrestricted electives.

UPPER DIVISION MAJOR REQUIREMENTS (54 SEMESTER CREDITS)

REQUIRED COURSES (9 semester credits)

ANTH	4900	Reflections on Anthropology
INTR	39xx	A Contemporary Nations Seminar course
INTR	3980	International Studies/International Relations Field Studies or INTR 4110 Diaspora Cultures

CERTIFICATE PROGRAMS (45 semester credits)

Three of the following certificate programs or two of the following certificate programs and one semester abroad will complete the required major courses. Students must choose four unique courses for each certificate as well as repeating ANTH 3950 once for each certificate for a total of 15 credits per certificate.

1. Asian Studies
2. The Body, Sex and Food
3. Cultural and Social Analysis
4. Culture and Language Learning
5. Hawai'i/Pacific Island Studies
6. Managing Our Mortality
7. Public Anthropology
8. Individualized Certificate

ASIAN STUDIES (15 semester credits)

- ANTH 3300 Japanese Culture and Society; or ANTH 3302 Chinese Culture and Society
- ANTH 3950 Internship/Practicum

Choose three courses from the following list:

- ANTH 3300 Japanese Culture and Society*
- ANTH 3302 Chinese Culture and Society*
* (only if not used elsewhere in this certificate)
- ANTH 3365 Gender in Asia
- ECON 3900 Economic Issues of Asia
- HIST 3302 History of Modern China
- HIST 3322 History of Modern Japan
- HIST 3352 History of Modern South East Asia
- INTR 39xx Contemporary Nations Series (any courses with this alpha on an Asian country or region)
- PSCI 3301 Major Asian Political Systems
- PSCI 3310 East Asian International Relations
- PSCI 4310 Contemporary Japan - US Relations
- PSCI 4320 Comparative Political Economy of Developing Nations

THE BODY, SEX AND FOOD (15 semester credits)

- ANTH 3950 Internship/Practicum

Choose four courses from the following list:

- ANTH 3200 Medical Anthropology
- ANTH 3360 Men and Women in Modern Society
- ANTH 3365 Gender in Asia
- ANTH 3400 Anthropology of Food and Eating
- ANTH 3403 Topics of Ethnomusicology: Rhythm and Culture
- ANTH 3580 Impact of Tourism on Local Culture
- ARTH 3611 Art and the Human Body
- ENG 3252 20th-Century Women Writers of Color
- INTR 3901 International Human Rights
- PSCI 3401 Issues in American Politics
- PSCI 4200 Politics of Culture and Race
-

CULTURAL AND SOCIAL ANALYSIS (15 semester credits)

ANTH 3950 Internship/Practicum

Choose four courses from the following list:

ANTH 3000 Is Global Citizenship Possible?
ANTH 3110 Symbolism, Myth and Ritual
ANTH 3200 Medical Anthropology
ANTH 3230 Making a Difference
ANTH 3250 Anthropology of “First” Contact and Colonialism
ANTH 3360 Men and Women in Modern Society
ANTH 3980 Hawaiian Sovereignty, Process, and the Sacred Community
INTR 4110 Diaspora Cultures
ENG 4320 Seminar in Postcolonial Literature
PSCI 4200 Politics of Culture and Race
PSCI 4601 Peace and Conflict Studies
SOC 3750 Social Movements and Collective Behavior or SOC 3760 Women, Minorities and Justice

CULTURE AND LANGUAGE LEARNING (15 semester credits)

ANTH 3700 Culture and Language
AL 2000 Introduction to Linguistics
AL 3320 Sociolinguistics

Choose one of the following advanced Applied Linguistics classes:

AL 3110 Phonetics and English Phonology
AL 3120 English Syntax
AL 3130 Semantics
AL 3310 History of the English Language
AL 3340 Translation in Second Language Acquisition
AL 3500 Second Language Learning and Teaching

Choose one of the following pedagogical Applied Linguistics classes:

AL 3350 Group Dynamics for Language Teachers
AL 3740 Technology in Language Teaching
AL 3750 Creating Language Teaching Materials
AL 4710 Materials/Methods/Testing: Spoken English
AL 4720 Materials/Methods/Testing: Written English

HAWAII/PACIFIC STUDIES (15 semester credits)

ANTH 3950 Internship/Practicum

Choose four courses from the following list:

ANTH 3000 Is Global Citizenship Possible?
ANTH 3230 Making a Difference
ANTH 3500 Appreciating Pacific Worlds
ANTH 3550 Hawai‘i in the Pacific: Selected Issues
ANTH 3556 Hawaiian Archaeology
ANTH 3980 Hawaiian Sovereignty, Process and the Sacred Community
ARTH 3556 Art of Hawai‘i, or ARTH 3551 Art of the Pacific, or ARTH 3552 Art of

Polynesia
HIST 3556 History of Hawai'i, or HIST 3551 Pacific Island History, or ANTH 3980
Hawaiian Sovereignty, Process and the Sacred Community

MANAGING OUR MORTALITY (15 semester credits)

ANTH 3200 Medical Anthropology
ANTH 3922 Managing Our Mortality
ANTH 3950 Internship/Practicum
Plus any two upper division ANTH or NUR courses

PUBLIC ANTHROPOLOGY (15 semester credits)

ANTH 3950 Internship/Practicum

Choose four courses from the following list:

ANTH 3000 Is Global Citizenship Possible?
ANTH 3115 Culture, Religion, and the Environment
ANTH 3230 Making a Difference
ANTH 3250 Anthropology of "First" Contact and Colonialism
ANTH 3500 Appreciating Pacific Worlds
ANTH 3550 Hawai'i in the Pacific: Selected Issues
ANTH 3580 Impact of Tourism on Local Culture
ANTH 3980 Hawaiian Sovereignty, Process, and the Sacred Community
PSCI 4200 Politics of Culture and Race
PSCI 4601 Peace and Conflict Studies

INDIVIDUALIZED CERTIFICATE (15 semester credits)

ANTH 3950 Internship/Practicum

Four courses at the 3000- level or higher with the permission of the Dean of International Studies and Anthropology faculty. Courses must have substantial anthropological content or relevance to a particular field of interest to which the student applies an anthropological perspective.

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits. Students could take remaining required courses for JPE Minor as part of their unrestricted electives.

BACHELOR OF ARTS
MAJOR: ASIAN STUDIES

Total credits required: 124 semester credits

The BA in Asian Studies is an inter-disciplinary major which will enable students to develop a grounded and sophisticated understanding of Asia as a region, countries within Asia, and the peoples, cultures, thought systems and histories of Asia. It offers a range of courses on East Asian Studies; Southeast, South, and West Asian Studies; Art, Culture, and Society of Asia; and Politics and Economics of Asia. Students are encouraged to pursue study abroad at an HPU student exchange program to complete part of the degree requirements.

PROGRAM OBJECTIVES

Students who major in Asian Studies will:

- 1. Develop a detailed knowledge of Asia as a region and one or more specific areas within Asia. Where possible this knowledge will be reinforced and extended through study abroad opportunities.*
- 2. Gain an intermediate level of fluency in one Asian language and when possible to supplement this knowledge with study abroad and/or work with populations in the US who utilize this language.*
- 3. Have some familiarity with the role of theoretical approaches as a specific factor in understanding academic analysis.*
- 4. Recognize the ways in which places in Asia participate in larger global systems that link them to one another and to places outside Asia.*
- 5. Recognize and use the fact that an understanding of Asia allows students to reflect critically upon their own values systems and ways of doing things.*
- 6. Upon completion of the program, be prepared to undertake graduate work in Asian Studies or other disciplines at any institution, if they so choose.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

LOWER-DIVISION MAJOR REQUIREMENTS (15 SEMESTER CREDITS)

ENG	2510	World Literature I or ENG 2520 World Literature II (World Cultures C and Art, Aesthetics, and Creativity Cross-Theme)
GEOG	1500	World Regional Geography (World Cultures A)

HIST 2301 Asian Civilizations (Values and Choices C)

Plus any two of the following:

ANTH 2000 Cultural Anthropology (World Cultures B)
 ARTH 2000 The Art of Asia (World Cultures A)
 CLST 1000 Introduction to East-West Classics (Values and Choices A)
 GEOG 2000 Introduction to Human Geography (Global Systems B)
 GEOG 2500 Maps and Civilization (World Cultures C)
 HIST 2311 Introduction to Chinese Civilization
 HIST 2321 Introduction to Japanese Civilization
 HIST 2900 The Historian's Craft (Research and Epistemology C)
 PSCI 2000 Introduction to Politics (Values and Choices A)
 PSCI 2500 World Politics (World Cultures B)

LOWER-DIVISION MODERN LANGUAGE REQUIREMENTS (16 SEMESTER CREDITS)

Four semesters of the same modern language: ARB, CHIN, FR, HAWN, JPE, KOR, or SPAN (One semester satisfies Communication Skills B. If the student is exempt from the language requirements, a different course from Communication Skills B must be taken for the common core requirements).

Students may be able to place out of the language requirement through testing or may substitute language credits earned through study abroad programs. Those interested in more advanced study of the Japanese Language may wish to consider the addition of the Japanese Minor, which can be completed at HPU or through courses done at one of several student exchange sites in Japan. Advanced-level language training in other languages may also be completed at study abroad site.

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

Any Upper-Division Research and Writing Course

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course.

Note: If SOC 3100 is chosen for the Upper-Division Research and Writing Requirement, or either ENVS 3000 or HUM 4500 is chosen for the Global Citizenship requirement, the chosen course could also be counted for the Theoretical Approaches requirement, adding 3 credits of unrestrictive electives.

UPPER DIVISION MAJOR REQUIREMENTS (30-33 SEMESTER CREDITS)

ASIA 3950 Asian Studies Practicum

ASIA 4900 Asian Studies Seminar

THEORETICAL APPROACHES REQUIREMENT (3 credits)

One upper-division course that contains a significant discussion of the utility of theoretical models and where different theoretical approaches are critiqued. Courses may be drawn from the following list (students may apply the same course to this requirement and to one of the major course requirements):

ANTH	3250	Anthropology of "First" Contact and Colonialism
ANTH	4900	Reflections on Anthropology
ECON	3420	Economic Development
ECON	3500	History of Economic Thought
ENG	3300	Theoretical Perspectives
ENG	3330	Film Theory and Criticism
ENG	4300	Seminar in Textual Criticism
ENG	4320	Seminar on Postcolonial Literature
ENVS	3000	Science and the Modern Prospect
HUM	4500	World Problematique
PSCI	3100	International Relations
PSCI	3700	International Political Economy
PSCI	4051	Comparative Politics
REL	3310	Judaism, Christianity and Islam
SOC	3100	Methods of Inquiry

AREA STUDIES (12 Credits)

Select any three courses from one of the following two categories and one course from the other category, with no more than two courses from the same alpha:

1. East Asian Studies

ANTH	3300	Japanese Culture and Society
ANTH	3302	Chinese Culture and Society
ARTH	3301	Art of China
ARTH	3321	Art of Japan
ENG	3134	Chinese Literature
ENG	3135	Japanese Literature
GEOG	3310	Geography of Japan
HIST	3302	History of Modern China
HIST	3322	History of Modern Japan
HIST	3326	Cultural History of Japan
HIST	3465	US-Japanese Relations 1853-Present
INTR	3930	Contemporary Nations: China
INTR	3931	Contemporary Nations: Hong Kong
INTR	3932	Contemporary Nations: Taiwan
INTR	3935	Contemporary Nations: Japan
INTR	3936	Contemporary Nations: Korea
MGMT	3310	Contemporary Japan - US Relations
PHIL	3300	History of Asian Philosophies
PSCI	3301	Major Asian Political Systems
PSCI	3310	East Asian International Relations
PSCI	4310	Contemporary Japan - US Relations

2. *Southeast, South, and West Asian Studies:*

ARTH	3351	Art of India and SE Asia
HIST	3352	History of Modern SE Asia
HIST	3362	History of India
HIST	3501	Islam and the Middle East
INTR	3933	Contemporary Nations: Southeast Asia
INTR	3937	Contemporary Nations: Vietnam
PHIL	3300	History of Asian Philosophies
PSCI	3260	Politics of Terrorism
PSCI	4605	Islam and Politics
REL	3200	Judaism, Christianity and Islam

DISCIPLINARY COURSES (12 credits)

Select any four courses from the following, with no more than two courses from the same alpha:

ANTH	3300	Japanese Culture and Society
ANTH	3302	Chinese Culture and Society
ANTH	3250	Anthropology of "First" Contact and Colonialism
ANTH	3304	Rhythm and Culture
ANTH	3365	Gender in Asia
ANTH	3400	Anthropology of Food and Eating
ARTH	3301	Art of China
ARTH	3321	Art of Japan
ARTH	3351	Art of India and SE Asia
ECON	3900	Economic Issues of Asia
ENG	3222	Asian Dramatic Literature
ENG	3223	Asian Literature in Translation
ENG	3133	Traditional Chinese Fiction
ENG	3134	Modern Chinese Writers
ENG	3135	Modern Japanese Fiction
HIST	3326	Cultural History of Japan
HIST	3360	Cultural Martial Arts
MGMT	3310	Contemporary Japan-U.S. Relations
PHIL	3300	History of Asian Philosophies
PSCI	3301	Major Asian Political Systems
PSCI	3310	East Asian International Relations
PSCI	4051	Comparative Politics
PSCI	4320	Comparative Political Economy
PSCI	4605	Islam and Politics
REL	3200	Abrahamic Traditions
REL	3310	Asian Traditions

Additional courses at the 3000-level or higher may be approved by the Program Chair for Asian Studies and Dean of Humanities and Social Sciences. Courses must have substantial Asian Studies content or relevance to a particular field of interest to which the student applies perspectives demonstrably gained from Asian Studies classes.

STUDY ABROAD

Students are encouraged to participate in an HPU student exchange/study abroad program to fulfill requirements for the major, including summer, semester and/or year-long study abroad opportunities available (6-30 semester credits). Programs are currently available in Korea, Japan, Taiwan, and Thailand, with others planned. The programs available in Japan can help students complete an additional Minor in Japanese.

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits. Note: Students are encouraged to enroll in 3000- and 4000-level language courses.

BACHELOR OF ARTS MAJOR: COMMUNICATION

Total credits required: 124 semester credits

The communication major at Hawaii Pacific University is a comprehensive program of study that develops the skills and confidence necessary to present ideas in various formats in a variety of situations. An emphasis on effective communication techniques, media technology, and culture is built on a foundation of communication theory and research.

PROGRAM OBJECTIVES

Students who major in communication will:

1. *Demonstrate oral communication competency.*
2. *Understand and apply rhetorical theory to communication purposes.*
3. *Evaluate and critique examples of communication.*
4. *Adjust communication content and delivery to a diversity of contexts.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <http://www.hpu.edu/overlap>.

LOWER-DIVISION MAJOR REQUIREMENTS (12 SEMESTER CREDITS)

COM 1200	Foundations of Communication Studies (Communication Skills B)
COM 2000	Public Speaking (Communication Skills C)
COM 2640	Argumentation and Debate (Communication Skills C)

One course chosen from:

COM 2300	Communication and Culture (World Cultures B)
COM 2500	Sex, Gender, and Communication (Communication Skills B)

LOWER-DIVISION LANGUAGE REQUIREMENTS (8 SEMESTER CREDITS)

Two semesters of the same language: ARB, CHIN, FR, HAWN, JPE, KOR, LAT, or SPAN. (A semester of a modern language meets Communication Skills B, while LAT 1100 meets Communication Skills C.).

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

Any Upper Division Research and Writing Course

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course

Note: Students may elect to take COM 3300 and COM 3420 as part of the upper-division major requirements. These courses would also fulfill the upper-division general education research and writing requirement or upper-division citizenship requirement respectively and result in an additional 3 semester credits of unrestricted electives for each course that is selected.

UPPER-DIVISION MAJOR REQUIREMENTS (36 SEMESTER CREDITS)

Essentials: take all of the following:

- COM 3000 Mass Media
- COM 3250 Communication Research
- COM 3320 Persuasion
- COM 3950 Communication Practicum
- COM 4900 Seminar in Communication Criticism

Contexts: one course chosen from:

- COM 3200 Interpersonal Communication
- COM 3300 Intercultural Communication

Advanced Applications: one course chosen from:

- COM 3440 Advanced Public Speaking
- COM 3670 Legal Communication

Theory: one course chosen from:

- COM 3680 Rhetorical Theory
- COM 3900 Communication Theory

Electives: Four courses chosen from the following and/or above—Contexts, Advanced Applications, or Theory—that have not otherwise been counted:

- COM 3010 Advanced Career Skills
- COM 3340 Nonverbal Communication
- COM 3350 Team Building
- COM 3420 Business Communication
- COM 3650 Media Ethics and Law
- COM 3770 Media Literacy
- COM 3910 Selected Topics in Communication*

* may be repeated when topics change

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF ARTS MAJOR: ECONOMICS

Total credits required: 124 semester credits

The essential difference between economics and business economics is not in the economics training the students receive but, rather, in the other degree requirements. A student's interests and career goals should dictate the choice of one major over the other and, thus, one major cannot be considered superior to the other in any way. In comparing the two majors, the economics major is somewhat less structured and offers students a greater degree of choice in designing their overall curriculum. Business economics is more structured and provides excellent preparation for students who prefer training in the various functional areas of business such as finance, accounting, marketing, personnel, and information systems, as well as solid grounding in economic fundamentals.

PROGRAM OBJECTIVES

Students who major in economics will:

1. *Locate economic data and understand the methods used to compile them.*
2. *Describe the current state of an economy, explain how key economic concepts and theories are used, and to summarize policy debates.*
3. *Locate published research on their topic of interest.*
4. *Identify from both academic journals and non-technical publications the important economic concepts and relevant key economic theories underlying the discussion.*
5. *Conduct an in-depth study of economic issues or events using relevant background material, economic theories, and quantitative methods.*
6. *Use economic theory and quantitative methods to answer questions, solve problems, and draw conclusions about economic issues of interest.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <http://www.hpu.edu/overlap>.

LOWER-DIVISION MAJOR REQUIREMENTS (24 SEMESTER CREDITS)

ECON	2010	Principles of Microeconomics (Values and Choices B)
ECON	2015	Principles of Macroeconomics (Values and Choices C)
MATH	1123	Statistics (Research and Epistemology C)
MATH	1130	Pre-Calculus I (Research and Epistemology B)

MATH	2326	Mathematics for Decision Making
MGMT	1000	Introduction to Business
PSY	1000	Introduction to Psychology (Research and Epistemology C)
SOC	1000	Introduction to Sociology (World Cultures B)

LOWER-DIVISION MODERN LANGUAGE REQUIREMENTS (8 SEMESTER CREDITS)

Two semesters of the same modern language: ARB, CHIN, FR, HAWN, JPE, KOR, or SPAN. (One semester of the language requirement satisfies Communication Skills B.)

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

MGMT 3550 Business Research Methods or COM 3420 Business Communication

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course.

UPPER-DIVISION MAJOR REQUIREMENTS (36 SEMESTER CREDITS)

CSCI 3201 Information Management Using Spreadsheets and Databases

ECON 3010 Intermediate Microeconomics

ECON 3015 Intermediate Macroeconomics

ECON 3100 Introduction to Econometrics

ECON 4900 Seminar in Economics

Plus seven upper-division major electives from economics or cognate fields.

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF ARTS MAJOR: ENGLISH

Total credits required: 124 semester credits

English, a language of global culture, commerce, and international relations, is the focus of the HPU English major. An important literary language of India, Africa, and the Caribbean as well as Great Britain and North America, English is also the adopted tongue of many writers across the globe and a language into which texts from many other literatures are translated. Understanding the language through its historical development in literature in various cultures and encountering texts in historical, cultural, theoretical, and practical contexts, students will practice critical, analytical and creative writing as preparation for a variety of careers and graduate programs.

PROGRAM OBJECTIVES

Students who major in English will:

- 1. Recognize, understand, and practice various poetic and rhetorical forms and strategies.*
- 2. Examine the ways in which texts shape and are shaped by history, culture, and context.*
- 3. Experience texts from various cultures and explore ethical questions in a multi-cultural context.*
- 4. Explore and analyze poetic and rhetorical texts—including their own—from multiple epistemological perspectives.*
- 5. Employ appropriate research methods and present their own arguments in response to and/or supported by poetic and rhetorical texts.*
- 6. Develop analytical and communication skills useful in the pursuit of a wide variety of careers.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <http://www.hpu.edu/overlap>.

LOWER-DIVISION MAJOR REQUIREMENTS

ENG	1500	Ways of Reading: Film, Literature, Culture (Research & Epistemology C)
ENG	2510	World Literature I (World Cultures C and Art, Aesthetics and Creativity)

ENG 2520 World Literature II (World Cultures C and Art, Aesthetics and Creativity)

LOWER-DIVISION LANGUAGE REQUIREMENTS (8 SEMESTER CREDITS)

Two semesters of the same language: ARB, CHIN, FR, HAWN, JPE, KOR, LAT or SPAN. (One semester of a modern language will satisfy Communication Skills B. LAT 1100 satisfies Communication Skills C).

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

HUM 3900 Research and Writing in the Humanities

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course.

Note: If the course chosen for the upper-division citizenship requirement is WRI 3510, REL 3500 or one of the history global citizenship courses, it could also fulfill an upper-division major requirement or elective, adding three additional credits of unrestricted electives.

UPPER-DIVISION MAJOR REQUIREMENTS (39 SEMESTER CREDITS)

Senior Seminar requirement:

At least 6 credits of the 39 must be in 4000-level ENG courses

Texts in History (6 semester credits)

Choose two courses from the following:

ENG 3100 British Literature to 1800
ENG 3101 Shakespeare on Screen
ENG 3102 Nineteenth-Century British Literature
ENG 3122 Nineteenth-Century American Literature
ENG 3134 Chinese Literature
ENG 3135 Japanese Literature
ENG 3140 Biography
ENG 3145 Nonfiction Film: Documentary, Docudrama, and Historical Film
ENG 4100 Shakespeare Seminar
ENG 4120 Seminar in Modernism

Texts and Culture (6 semester credits)

Choose two courses from the following:

ENG 3201 Reel War - Military Conflict on Screen
ENG 3202 Literature of Slavery
ENG 3203 Pidgin Literature
ENG 3206 British Comic Literature
ENG 3220 Backgrounds to Literature
ENG 3221 Western Dramatic Literature

ENG	3222	Asian Dramatic Literature
ENG	3223	Asian Literature
ENG	3224	Ethnic Literature
ENG	3226	Hawai'i Writers
ENG	3227	Hawai'i and the Pacific in Film
ENG	3228	Fantasy Literature
ENG	3229	Literature of Travel
ENG	3250	Texts and Gender
ENG	3251	Sex, Power and Narrative
ENG	3252	20th-Century American Women Writers of Color

Textual Theories (3 semester credits)

Choose one course from the following:

ENG	3300	Theoretical Perspectives
ENG	3330	Film Theory and Criticism
ENG	3350	Literature Adapted to Screen
ENG	4300	Seminar in Textual Criticism
ENG	4320	Seminar on Post-Colonial Literature

Textual Practices (6 semester credits)

Choose two courses from the following:

WRI	3310	Poetry Workshop
WRI	3311	Childhood and Poetry Workshop
WRI	3313	The Sacred and Erotic in Lyric Poetry
WRI	3320	Scriptwriting
WRI	3330	Fiction Writing
WRI	3340	Creative Nonfiction Writing Workshop
WRI	3390	Literary Magazine
WRI	3391	Wanderlust: Student Literary Magazine
WRI	3510	Composition Studies
WRI	3950	Professions in Writing Practicum
WRI	3990	Non-paid Internship
WRI	3991	Paid Internship
WRI	4990	Professional Writing Portfolio Seminar

Major Electives (18 semester credits)

Complete any three ENG or WRI at the 3000 or 4000 level.

Complete any one ARTH, HIST, PHIL, or REL at the 3000 or 4000 level.

Choose two from the following:

Any ENG, LIT, or WRI at the 3000 or 4000 level

AL	3310	History of the English Language or another Upper Division AL Course
ANTH	3700	Culture and Language
COM	3260	Exploring Film
COM	3400	Communicating Professionally
HIST	3900	Research and Writing across Time and Culture
HUM	3601	Mythology
JOUR	3300	Reporting

JOUR 3400 Editing
MULT 3360 Writing for New Media
REL 3500 Indigenous Traditions

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits required will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits. Students who maximize all possible overlaps can meet all specified requirements with 95 credits, leaving 29 credits of unrestricted electives.

BACHELOR OF ARTS

MAJOR: ENVIRONMENTAL STUDIES

Total credits required: 124 semester credits

The environmental studies major prepares students for advanced studies in environmental policy, law, or management, and for careers as environmental policy analysts, managers, and related positions in the rapidly growing number of private and public organizations and companies that have significant environmental concerns. Students selecting this major take lower-division courses in management and social science, plus introductory chemistry, biology, earth system science, and environmental science courses. This provides breadth of perspective for examining environmental issues. Upper-division coursework in communications, environmental law and policy, and environmental ethics, provides additional understanding, skills, and perspective for approaching environmental issues.

PROGRAM OBJECTIVES

Students who major in environmental studies will:

- 1. Understand the factual base, processes, and relationships that constitute a working foundation in the environmental sciences.*
- 2. Understand the social, economic, political, and legal framework in which environmental issues are enmeshed.*
- 3. Critically analyze and formulate possible solutions to complex environmental issues that include consideration of social, economic, and political as well as scientific issues.*
- 4. Access, comprehend, and communicate information to and from the many audiences required by a practitioner in field of environmental science.*
- 5. Develop a working knowledge of techniques used to gather and analyze information in environmental studies, including project design, sampling, measurement, geographic image interpretation, hazardous materials concerns, statistical and graphical analysis, and other computational skills.*
- 6. Understand divergent ethical views of environmental issues, distinguish them from scientific or legal viewpoints, formulate their own environmental ethic, and articulate it to others.*
- 7. Be well-prepared for graduate studies in a related discipline or for entry-level positions in the discipline.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
 2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
 3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower division major requirements. CSCI 1011 is recommended for the digital literacy requirement in this major so that it can also be used for Communication
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Skills C. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU web site by selecting the specific major under Academics.

LOWER-DIVISION MAJOR REQUIREMENTS (36 SEMESTER CREDITS)

BIOL	1500	Conservation Biology (Global Systems C)
MARS	1000	Introductory Oceanography (Global Systems A)
CHEM	1020	Introduction to Chemistry and the Environment
CHEM	1021	Introduction to Chemistry and the Environment Laboratory
ECON	2010	Principles of Microeconomics (Values and Choices B)
ECON	2015	Principles of Macroeconomics (Values and Choices C)
ENVS	1020	Introductory Meteorology
ENVS	2000	Principles of Environmental Science
ENVS	2001	Principles of Environmental Science Laboratory
GEOL	1000	Introductory Geology (Global Systems A)
MATH	1115	Survey of Mathematics (Research & Epistemology B) or MATH 1130 Pre-Calculus (Research & Epistemology B)
MATH	1123	Statistics (Research & Epistemology C)
MGMT	1000	Introduction to Business
NSCI	1000	Freshman Science Seminar

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

COM	3500	Technical Communication
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UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

PHIL	3651	Environmental Ethics
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UPPER DIVISION MAJOR REQUIREMENTS (36 SEMESTER CREDITS)

ANTH	3115	Culture Religion and the Environment
ECON	3430	Environmental Economics
ENVS	3002	Applications of Environmental Science
ENVS	3010	Environmental Impact Analysis
ENVS	3030	Earth Systems and Global Change
ENVS	4100	Society and Environment: Contemporary Issues Seminar
ENVS	4950	Practicum; or ENVS 4000 Methods of Environmental Science
GEOG	3720	Population Dynamics; or GEOG 4700 Geographic Information Systems
LAW	3300	Environmental Law and Policy
MGMT	3550	Business Research Methods; or SOC 3100 Methods of Inquiry
MGMT	3600	Natural Resource Management
SOC	3750	Social Movements and Collective Behavior; or MGMT 3100 Business in Contemporary Society

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF ARTS MAJOR: HISTORY

Total credits required: 124 semester credits

The history major at Hawai'i Pacific University provides students with a solid foundation in the field of historical studies and its methodologies. It offers broad exposure to the past, chronologically and geographically, through a selection of courses offering in-depth study of regional, global and thematic history. The capstone course is a seminar resulting in a substantial piece of research and synthesis. The history major develops skills and a base of knowledge to prepare the student for graduate study. It also enables one to pursue careers drawing upon competency in research, writing, analysis, comparative perspectives, multicultural sensitivities, foreign language ability, and related skills relevant to positions in a variety of changing environments.

PROGRAM OBJECTIVES

Students who major in history will:

- 1. Comprehend and apply various research and analytical methodologies to the study of history while developing an appreciation for diverse historical viewpoints.*
- 2. Place historical questions and issues of enduring importance within their chronological and geographical contexts.*
- 3. Gain an historical understanding of diverse cultures and regions of the world across time.*
- 4. Critically reflect on the development of the world's major civilizations and cultures from indigenous and comparative perspectives while exploring the richness and diversity of heritages relevant to the informed global citizen living in a pluralistic present.*
- 5. Recognize the nature of global processes, as they operate in an historical framework, through the study of global systems such as capitalism, gender, warfare, religion, etc.*
- 6. Demonstrate critical analytic and reasoning skills useful in a broad spectrum of academic and non-academic endeavors.*
- 7. Effectively and clearly communicate historical ideas both orally and in writing.*
- 8. Understand the construction of value systems across time and within world cultures and thus promote the development of their own personal, ethical, and moral frameworks.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
 2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
 3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.
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LOWER-DIVISION MAJOR REQUIREMENTS (26 SEMESTER CREDITS)

HIST	2001	World Cultures to 1500 (World Cultures A)
HIST	2002	Global Historical Experience since 1500 (Global Systems B)
HIST	2900	The Historian's Craft (Research and Epistemology C)

One "Introduction to Civilizations" course from the following:

AMST	1776	Essential America (Values and Choices A)
HIST	1717	Reacting to the Past (Communication Skills B)
HIST	2111	Greco-Roman Civilization (Values and Choices B)
HIST	2112	Medieval and Early Modern Europe (Values and Choices C)
HIST	2113	Modern Europe (World Cultures C)
HIST	2251	Introduction to Russian Civilization
HIST	2301	Introduction to Asian Civilizations (Values and Choices C)
HIST	2311	Introduction to Chinese Civilization
HIST	2321	Introduction to Japanese Civilization
HIST	2401	American History to 1877 (World Cultures C)
HIST	2402	American History Since 1865 (World Cultures B)
HIST	2451	History of Latin America
HIST	2630	History of Science and Technology (Global Systems C)
STSS	2601	War and Civilization (World Cultures B)

One course related to the Arts (which will also satisfy the Art, Aesthetics and Creativity Cross-Theme) chosen from:

ARTH	2000	The Art of Asia (World Cultures A)
ARTH	2100	Tribal Art (World Cultures A)
ARTH	2200	Foundations of Western Art (World Cultures A)
ARTS	1000	Introduction to Visual Arts (World Cultures C)
MUS	2101	Music in World Culture (World Cultures B)
THEA	1000	Introduction to Theater (Values and Choices B)

One "Thinking across the Disciplines" course chosen from:

ANTH	2000	Introduction to Cultural Anthropology (World Cultures B)
CLST	1000	Great Books East and West (Values and Choices A)
ENG	2101	Representations of Pacific Life (World Cultures A)
HUM	1000	Introduction to the Humanities (Values and Choices B)
HUM	1270	Introduction to Women's Studies (World Cultures B)
PHIL	1000	Introduction to World Philosophies (Values and Choices C)
PSCI	2000	Introduction to Politics (Values and Choices A)
REL	1000	Introduction to World Religions (World Cultures B)
REL	2001	Search for Meaning (World Cultures B)
STSS	2601	War and Civilization (World Cultures B)

Two semesters of the same language.

ARB, CHIN, FR, HAWN, JPE, KOR, LAT, or SPAN. (One semester of a modern language satisfies Communication Skills B. LAT 1100 satisfies Communication Skills C.)

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

HIST 3900 Research and Writing across Time and Culture

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

One of the following Global Citizenship courses:

HIST 3000 Citizenship and Border Identities in European History

HIST 3414 “Untied States”: Race and Ethnicity in America

HIST 3650 History of Oil in the Modern World

HUM 4500 World Problematique

UPPER-DIVISION MAJOR REQUIREMENTS (36 SEMESTER CREDITS)

One of the following:

HIST 4900 Seminar in History

HIST 4901 Seminar: World History

HIST 4911 Seminar: Ancient History

HIST 4961 Seminar: Military History

Thirty-three additional credits in History. History students must take ONE course from each of the following areas: Asia; Europe; United States; Non-Eurasian. Students must also take TWO courses from the Thematic and Trans-regional category for a total of 6 courses (18 credits). A total of 5 additional courses (15 credits) are electives that may be chosen from any of the courses listed below.

ASIA (3 semester credits)

HIST 3302 History of Modern China

HIST 3322 History of Modern Japan

HIST 3326 Cultural History of Japan

HIST 3352 History of Modern South East Asia

HIST 3362 History of India

EUROPE (3 semester credits)

HIST 3101 Greek History to Alexander

HIST 3111 Roman Republic and Empire

HIST 3151 Medieval Europe

HIST 3222 Europe and the Age of Revolution

HIST 3225 The Enlightenment & the French Revolution

HIST 3231 Europe: The 20th Century

HIST 3242 History of Spain

HIST 3252 Modern Russian History

UNITED STATES (3 semester credits)

HIST 3411 U.S.: Jackson to Civil War

HIST 3421 Gilded Age/Progressive Era

HIST 3441 U.S. History Since World War II

HIST 3461 American Intellectual History

HIST	3666	U.S. Military History
HIST	3676	U.S. Diplomatic History

NON-EURASIAN (3 semester credits)

HIST	3501	Islam and the Middle East
HIST	3551	Pacific Island History
HIST	3556	History of Hawai'i
HIST	3558	Living History of Hawai'i
HIST	3571	The African Diaspora

THEMATIC AND TRANS-REGIONAL (6 semester credits)

AMST	3476	Writing on the American Body
HIST	3000	Citizenship and Border Identities in European History
HIST	3070	Sex, Gender, and History
HIST	3170	Gender and Sexuality in the Classical World
HIST	3270	Gender in Medieval and Early Modern Europe
HIST	3414	"Untied States": Race and Ethnicity in America
HIST	3465	U.S. - Japanese Relations 1853-Present
HIST	3470	Women in America
HIST	3576	The Atlantic World in the Age of Empire
HIST	3661	History of Warfare to 1500
HIST	3662	War and Society Since 1500
HIST	3650	History of Oil in the Modern World
HIST	3776	Modern Imperialism
HIST	3780	Modern World Revolutions
HIST	3788	Food in World History
HIST	3792	Encounters and Exchanges in Modern World History
HIST	3795	Playtime: Play and Leisure in World History
HIST	4661	History of Military Thought

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF ARTS
MAJOR: HUMAN RESOURCE DEVELOPMENT

Total credits required: 124 semester credits

This major provides the student with the opportunity to study the primary functions of human resource management with a strong emphasis on the development of human potential in organizations in both the private and public sectors. It is a program which provides the student with a foundation built on the psycho-social model of effective human behavior.

PROGRAM OBJECTIVES

Students who major in human resource development will:

- 1. Be knowledgeable about the human life cycle in the context of career development; principles of diversity; principles of group behavior, including the role of teams in the workplace and principles of fostering teamwork; principles of effective interpersonal communication; and principles of organizational development and change.*
- 2. Analyze how adults learn and describe the personal, familial, and social meanings of work.*
- 3. Describe how the HRD function fits into organizations by applying methods of quantitative and qualitative analysis.*
- 4. Apply training and development methods to improve individual and organizational effectiveness.*
- 5. Conduct effective training programs using a variety of methods, assess the need for training and career/organizational development, design training and development programs that meet identified needs, and evaluate the effectiveness of training programs using computer systems and other tools.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU web site by selecting your major under Academics.

LOWER-DIVISION MAJOR REQUIREMENTS (18 SEMESTER CREDITS)

ECON	2010	Principles of Microeconomics (Values and Choices B) or	ECON 2015
		Principles of Macroeconomics (Values and Choices C)	
MATH	1115	Survey of Mathematics or MATH 1130 Pre-Calculus I (both Research and Epistemology B)	
MGMT	1000	Introduction to Business	

MGMT	2000	Principles of Management
PSY	1000	Introduction to Psychology (Research and Epistemology C)
SOC	1000	Introduction to Sociology (World Cultures B) or SOC 2000 Social Problems and Policy (Values and Choices B)

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

COM 3420 Business Communication

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course.

Note: The course chosen for the Upper-Division Citizenship requirement may overlap with a major elective.

UPPER-DIVISION MAJOR REQUIREMENTS (45 SEMESTER CREDITS)

ANTH	3350	Diversity in the Workplace
COM	3200	Interpersonal Communication or COM 3300 Intercultural Communication
COM	3350	Team Building
CSCI	3201	Information Management Using Spreadsheets and Databases
MGMT	3000	Management and Organizational Behavior
MGMT	3400	Human Resource Management or MGMT 3410 Public Personnel Administration
MGMT	3440	Organizational Change and Development
MGMT	3444	Training and Development in Organizations
MGMT	4950	Human Resource Development Practicum
PSY	3120	Group Dynamics in Organizations
PSY	3400	Lifespan Development Psychology
SOC	3100	Methods of Inquiry
SOC	3200	Social Statistics
SOC	3600	Sociology of Work

Plus one upper-division elective chosen from ANTH, COM, MGMT, PSY, or SOC.

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF ARTS MAJOR: HUMANITIES

Total credits required: 124 semester credits

“Humanities” is a term that is used to describe a wide range of academic disciplines which share a common interest in a fundamental question: what does it mean to be human?

A student who majors in Humanities will explore how humans have approached this question through time and across the world primarily through the study of human expression, thought, and inquiry across the disciplines of art, philosophy, religion, literature, and history. This exploration will enable students to cultivate three important intellectual virtues: critical thinking, narrative imagination, and a sense of global citizenship.

The major has both depth and breadth. Students will acquire depth by focusing on one of the primary fields within the major Art History, Classical Studies, Philosophy, or Religious Studies. Students will acquire breadth by taking a selection of upper-division Humanities courses outside their area of concentration.

Students who graduate from the program will find that their major has given them a solid, liberal arts foundation, giving them a wide array of career options and the flexibility to adapt to a rapidly changing world. They will be well prepared to work in a wide variety of fields or to pursue professional degrees in professions such as law, education, and business; or to pursue specialized graduate study in their chosen academic discipline in the Humanities. More importantly, they will be well positioned to become lifelong learners and to appreciate the many expressions of human thought and creative expression throughout the world.

PROGRAM OBJECTIVES

The major in Humanities will enable students to demonstrate:

- 1. Familiarity with the terminology, methodology, historical and philosophical underpinnings of traditional Humanities disciplines, with a concentration on one*
- 2. The ability to discuss core values, views of life, ideals and forms of artistic expression associated with the human experience, and to place them within their intellectual, cultural, and historical contexts*
- 3. Knowledge of the prominent features of the literature, art, philosophies and religions of the world*
- 4. Ability to think critically about complex issues*
- 5. A sense of historical contingency and of individual creativity*
- 6. A basic foundation in at least one relevant language*
- 7. Sophistication in the use of information resources, both in the library and online*
- 8. Higher –level writing competencies, especially through the composition of interpretive essays and research papers*
- 9. Intellectual integrity by accepting responsibility for one’s ideas and acknowledging the ideas of others*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of
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fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.

2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <http://www.hpu.edu/overlap>.

LOWER-DIVISION MAJOR REQUIREMENTS (15 SEMESTER CREDITS)

GENERAL HUMANITIES (3 credits)

Choose one course in CLST or HUM at the 1000- or 2000-level

HISTORY (3 credits)

Choose one course in HIST at the 1000- or 2000-level

ARTS (3 credits)

Choose one course in ARTH, ARTS, MUS or THEA at the 1000- or 2000-level

PHILOSOPHY AND RELIGIOUS STUDIES (3 credits)

Choose one course in PHIL or REL at the 1000- or 2000-level

LITERATURE (3 credits)

Choose one course in ENG or LIT at the 1000- or 2000-level

LOWER-DIVISION LANGUAGE REQUIREMENTS (8 SEMESTER CREDITS)

Two semesters of the same language: ARB, CHIN, FR, HAWN, JPE, KOR, LAT or SPAN. (One semester of a modern language will satisfy Communication Skills B. LAT 1100 satisfies Communication Skills C).

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

HUM 3900 Research and Writing in the Humanities

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

HUM 4500 The World Problematique

MAJOR REQUIREMENTS (33 SEMESTER CREDITS)

HUM 3000 Contemporary Choices

CAPSTONE SEMINAR

Take one of the following (3 credits):

CLST	4900	Seminar in East-West Classical Studies
HUM	4900	Interdisciplinary Seminar and Integrative Project
PHIL	4501	Reordering Social Values
REL	4900	Seminar in Religious Studies

Take five courses (15 credits) from one of the following concentrations:

Art History

ARTH	3206	Renaissance to Modern Art
ARTH	3301	Art of China
ARTH	3321	Art of Japan
ARTH	3351	Art of India and South East Asia
ARTH	3551	Art of the Pacific
ARTH	3552	Art of Polynesia
ARTH	3556	Art of Hawai'i
ARTH	3611	Art of the Human Body
ARTS	3051	Photography

or related ARTH courses

Classical Studies

CLST	3030	Ancient Drama
CLST	3100	Classical Myth, Literature, and Religion
CLST	3405	The Age of Augustus
ENG	3220	Backgrounds to Literature
HIST	3101	Greek History to Alexander
HIST	3102	The Age of Alexander the Great
HIST	3111	Roman Republic and Empire
HIST	3170	Gender and Sexuality in the Classical World
HIST	4911	Seminar in Ancient History
HUM	3601	Mythology (cross listed as LIT 3740)

or related CLST courses

Philosophy

PHIL	3200	History of Western Philosophy
PHIL	3260	Exploring Film
PHIL	3300	History of Asian Philosophies
PHIL	3501	Philosophy of Arts and Aesthetics
PHIL	3651	Environmental Ethics
PHIL	3721	Philosophy in Contemporary Literature
PHIL	3731	Philosophy of Social Sciences
PHIL	3741	Philosophy of Law
PHIL	4500	Global Justice

or related PHIL courses

Religious Studies

REL	3001	Religion and Social Change
REL	3007	On Death and Dying
REL	3152	Understanding Early Christian Literature

REL	3200	Abrahamic Traditions
REL	3310	Asian Traditions
REL	3500	Indigenous Traditions
REL	3600	War in World Religions
REL	3700	Female Figures in the Bible
REL	4002	World Religions, Sustainability, and Globalization

or related REL courses

Four additional upper-division courses in ARTH, CLST, ENG, HIST, HUM, LIT, PHIL or REL (12 credits)

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF ARTS MAJOR: INDIVIDUALIZED

PROGRAM DESCRIPTION

A flexible program that permits students to design a course of study that combines academic rigor and intellectual content from several disciplines, or in one or two fields in which the University does not otherwise offer a major.

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Courses counted for the general education common core can also be counted toward the lower-division major requirements.

LOWER-DIVISION MAJOR REQUIREMENTS (6-18 SEMESTER CREDITS)

To be determined by the academic advisor and the appropriate Dean. These should be courses numbered at the 1000- and 2000-level which are relevant to the particular focus of the individualized major and/or are prerequisites for the chosen upper division courses. If any of the listed courses are also eligible for the common core, students may count such courses in both places.

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6-7 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3-4 credits)

Any 3 credit Upper-Division Research and Writing Course or BIOL 3080 and 3081

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course

UPPER-DIVISION MAJOR REQUIREMENTS (36-51 SEMESTER CREDITS)

To be determined by the academic advisor and the appropriate Dean. Courses should be numbered at the 3000- or 4000-level

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, and the number of credits required by the individualized program, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF ARTS
MAJOR: INTEGRATED MULTIMEDIA
Total credits required: 124 semester credits

The Integrated Multimedia degree prepares students to work and produce in the online, mass media, information and entertainment industries. The major focuses on developing multiple media literacy competencies, analytic abilities and narrative skills. In this program, students develop mixed media portfolios and capstone projects. The applied audio-visual, graphical and online skills that students learn are informed by a foundation in writing, critical analysis and creative development.

PROGRAM OBJECTIVES

The major in Integrated Multimedia will enable students to demonstrate:

- 1. Acquire the technical and creative multimedia skills to produce and deploy effective graphical and audio-visual artifacts and online content.*
- 2. Demonstrate the ability to communicate effectively to targeted and mass audiences through media creation and interaction.*
- 3. Gain skills in creating and distributing multimedia content via online and emerging technologies.*
- 4. Acquire and demonstrate knowledge of the technological development and history of modern electronic media systems.*
- 5. Develop an understanding of the local and global influence of electronic media and the ethical and legal responsibilities of media practitioners.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <http://www.hpu.edu/overlap>.

LOWER-DIVISION MAJOR REQUIREMENTS (15 SEMESTER CREDITS)

CSCI	2761	HTML and Web Design
MULT	1100	Foundations of Multimedia Production
MULT	2060	Modern Media Systems
MULT	2460	Graphic Design Studio
MULT	2465	Motion Picture Production

LOWER-DIVISION LANGUAGE REQUIREMENTS (8 SEMESTER CREDITS)

Two semesters of the same language: ARB, CHIN, FR, HAWN, JPE, KOR, LAT or SPAN. (One semester of a modern language will satisfy Communication Skills B. LAT 1100 satisfies Communication Skills C).

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

Any Upper-Division Research and Writing Course

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course

MAJOR REQUIREMENTS (33 SEMESTER CREDITS)

ESSENTIALS

Take all of the following:

COM	3650	Media Ethics and Law
COM	3950	Internship Practicum
MULT	3360	Writing for New Media
MULT	3400	Design Systems and Portfolio
MULT	3475	Web Interface and Design
MULT	3510	Nonlinear Audio-Visual Editing
MULT	3675	Advanced Web Design
MULT	3750	Motion Graphics and Compositing

WRITING

Choose one of the following:

JOUR	3000	News Writing for Integrated Media
WRI	3320	Scriptwriting

APPLICATION

Choose one of the following:

ARTS	3051	Photography
JOUR	3455	Photojournalism
MULT	3500	Cinematography Workshop
MULT	3560	Documentary Production
MULT	3600	Creative Narrative Production
MULT	3700	Radio and Audio Production
MULT	3780	Global Documentary
MULT	4000	Advanced Cinematic Production
MULT	4010	Postproduction Seminar

CAPSTONE

Choose one of the following:

MULT	4702	Mobile Media Design
MULT	4900	Multimedia Seminar

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF ARTS

MAJOR: INTERNATIONAL RELATIONS

International relations (IR) is concerned with transnational interactions among countries. As a sub-discipline of political science, the field of IR examines a wide variety of cross-border relationships among subnational groups, international organizations, transnational movements, private organizations, and even individuals. Courses at HPU provide a wide range of perspectives on global tensions and potential resolutions.

Three features characterize the study of international relations:

1. Relations between and among the approximately 190 states of the world.
2. External behaviors of states - that is, with the foreign policies of countries.
3. The global context in which foreign relations occur.

Because IR is carried out within a global society that is informally regulated by norms, rules, and institutions, scholars refer to the global environment as an “international system.” An important goal of this study is to describe the nature and evolution of contemporary global structures.

A major in International Relations prepares students to take their place as citizens of the world. The emphasis on political science, economics, and history positions the students to become employed by a wide range of public and private sector firms, organizations, and agencies (including NGOs). The B.A. in international relations has also proven to be a successful undergraduate degree for graduate programs and law school. Many careers today demand that people be qualified to go beyond their own physical and intellectual borders to deal with the issues in a global context.

PROGRAM OBJECTIVES

Students who major in international relations will:

1. *Be familiar with various theoretical approaches intrinsic to the study of international relations.*
 2. *Work within conceptual frameworks to analyze the global arena of politics and economics.*
 3. *Grasp the historical context out of which the modern world has evolved.*
 4. *Be competent in a second language as a means to understand a culture different from one's own.*
 5. *Be prepared to enter advanced-degree program or careers related to this major.*
 6. *Employ appropriate communication and research skills and an understanding of various world cultures and global systems in the study of International Relations.*
 7. *Be able to make choices based on a value system developed through the exploration of International Relations.*
 8. *Grasp the geographical context out of which the modern world has developed.*
-

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <http://www.hpu.edu/overlap>.

LOWER-DIVISION MAJOR REQUIREMENTS (21 SEMESTER CREDITS)

ANTH	2000	Cultural Anthropology (World Cultures B) or SOC 1000 Introduction to Sociology (World Cultures B)
ECON	2010	Principles of Microeconomics (Values and Choices B)
ECON	2015	Principles of Macroeconomics (Values and Choices C)
GEOG	xxxx	Any lower division geography course except GEOG 1000. (Could fill one of several categories depending on course chosen).
HIST	2xxx	Any 2000-level history course (Could fill one of several categories depending on the course chosen).
PSCI	1400	American Political System (Values and Choices C)
PSCI	2000	Introduction to Politics (Values and Choices A)

LOWER-DIVISION MODERN LANGUAGE REQUIREMENTS (16 SEMESTER CREDITS)

Four semesters of the same modern language: ARB, CHIN, FR, HAWN, JPE, KOR, or SPAN (One semester satisfies Communication Skills B. If the student is exempt from the language requirements, a different course from Communication Skills B must be taken for the common core requirements).

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

Any Upper-Division Research and Writing Course

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course

UPPER-DIVISION MAJOR REQUIREMENTS (45 SEMESTER CREDITS)

PSCI	3100	International Relations
PSCI	4900	Senior Seminar
INTR	3980	International Studies/International Relations Field Studies or INTR 4110 Diaspora Cultures

Twelve additional courses specifically chosen from the following disciplines: Political Science, Economics, History, and International Studies. See the following list of courses.

POLITICAL SCIENCE - Choose five courses (15 semester hours):

PSCI	3151	International Law
PSCI	3250	Public Policymaking
PSCI	3260	Politics of Terrorism
PSCI	3301	Major Asian Political Systems
PSCI	3310	East Asian International Relations
PSCI	3412	American Foreign Policy
PSCI	3430	America: Images from Abroad
PSCI	3630	National and International Security
PSCI	3650	Intelligence Studies
PSCI	3700	International Political Economy
PSCI	4001	International Institutions
PSCI	4051	Comparative Politics
PSCI	4201	European Union
PSCI	4320	Comparative Political Economy
PSCI	4601	Peace and Conflict Studies

ECONOMICS – Choose two courses (6 semester hours):

ECON	3110	Game Theory
ECON	3220	Labor Economics
ECON	3400	International Trade and Finance
ECON	3410	International Monetary Relations
ECON	3420	Economic Development
ECON	3430	Environmental Economics
ECON	3500	History of Economic Thought
ECON	3900	Economic Issues of Asia
ECON	4450	World Economy

HISTORY – Choose three courses (9 semester hours)

HIST	3222	Europe and the Age of Revolution
HIST	3231	Europe in the 20 th Century
HIST	3252	Modern Russian History
HIST	3302	History of Modern China
HIST	3322	History of Modern Japan
HIST	3326	Cultural History of Japan
HIST	3352	History of Modern Southeast Asia
HIST	3411	U.S.: Jackson to Civil War
HIST	3421	Gilded Age/Progressive Era
HIST	3441	U.S. History since World War II
HIST	3461	American Intellectual History

HIST	3551	Pacific Island History
HIST	3662	War and Society Since 1500
HIST	3666	U.S. Military History

INTERNATIONAL STUDIES – Choose two courses (6 semester hours):

INTR	3900	Contemporary Nations Seminar
INTR	3920	Contemporary Nations: Central and Eastern Europe
INTR	3921	Study Tour Abroad
INTR	3930	Contemporary Nations: China
INTR	3932	Contemporary Nations: Taiwan
INTR	3935	Contemporary Nations: Japan
INTR	3936	Contemporary Nations: Korea
INTR	3937	Contemporary Nations: Vietnam
INTR	3940	Contemporary Nations: USA

Or any other INTR that is offered

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF ARTS
MAJOR: INTERNATIONAL STUDIES

Total credits required: 124 semester credits

A major in international studies prepares students to take their place as citizens of the world. The major allows students to appreciate cultures different from their own through a thorough examination of social norms and values. The multi-disciplinary approach aims at immersing students in various cultural contexts. Students also develop competency in a second language by fulfilling the language requirement, and they can participate in exchange programs with sister universities in Australia, Asia, and Europe. This experience permits students to develop a more flexible perspective with which to better understand and evaluate the societies and institutions that make up the contemporary world. This intercultural perspective positions students for employment in firms, organizations, and agencies, such as nongovernmental organizations (NGOs), that have international clients or conduct international business. Many careers today demand that people's knowledge and skills stretch beyond their own physical and cultural borders to deal with issues in a global context. The B.A. in international studies has proven to be a successful undergraduate degree to meet global challenges as well as to prepare students for graduate programs and law schools.

PROGRAM OBJECTIVES

Students who major in international studies will:

- 1. Be familiar with various conceptual approaches to the field of international studies.*
- 2. Have an in-depth knowledge of at least two major world regions, or one region and expertise in comparative analysis.*
- 3. Be competent in a second language as a means to understand a culture different from one's own.*
- 4. Be prepared to enter advanced degree programs or careers related to international studies.*
- 5. Grasp the geographical and historical context out of which the modern world has evolved.*
- 6. Employ appropriate communication and research skills and an understanding of various world cultures and global systems in the study of International Studies.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
 2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
 3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.
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LOWER-DIVISION MAJOR REQUIREMENTS (24 SEMESTER CREDITS)

ANTH	2000	Cultural Anthropology (World Cultures B)
ENG	2510	World Literature I (World Cultures C) or ENG 2520 World Literature II (World Cultures C) or ENG 2301 World Film Studies (Values and Choices B)
GEOG	1500	World Regional Geography (World Cultures A)
GEOG	2000	Introduction to Human Geography (Global Systems B)
HIST	2xxx	Any 2000-level history course (Could fill one of several categories depending on the course chosen).
PSCI	1400	American Political System (Values and Choices C)
PSCI	2000	Introduction to Politics (Values and Choices A)
SOC	1000	Introduction to Sociology (World Cultures B) or PSY 1000 Introduction to Psychology (Research and Epistemology C)

LOWER-DIVISION MODERN LANGUAGE REQUIREMENTS (16 SEMESTER CREDITS)

Four semesters of the same modern language: ARB, CHIN, FR, HAWN, JPE, KOR, or SPAN. (One semester satisfies Communication Skills B. If the student is exempt from the language requirements, a different course from Communication Skills B must be taken for the common core requirements.)

II UPPER-DIVISION REQUIREMENTS**UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)**

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

HUM 3900 Research and Writing in the Humanities

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course

It is possible that the course chosen for the Citizenship requirement may also satisfy one of the major requirements, adding 3 credits of unrestricted electives.

UPPER-DIVISION MAJOR REQUIREMENTS (45 SEMESTER CREDITS)

REQUIRED COURSES (21 credits)

ANTH 3110 Symbolism, Myth, and Ritual

ANTH 3700 Culture and Language

GEOG 3720 Population Dynamics

INTR 39xx Contemporary Nations Seminar. Choose at least three Contemporary Nations Seminars that will focus on different nations. (9 credits)

INTR 3980 International Studies/Relations Field Studies (3 credits).

CONCENTRATIONS (24 credits)

Choose any two of the following concentrations, selecting four courses from each concentration:

1. Asian Concentration
2. American Concentration
3. European Concentration
4. Pacific Concentration
5. Comparative Concentration

Asian Concentration (Choose 4 Courses)

ANTH	3300	Japanese Society and Culture
ARTH	3301	Art of China
ARTH	3321	Art of Japan
ENG	3134	Chinese Literature
ENG	3135	Japanese Literature
GEOG	3310	Geography of Japan
HIST	3302	History of Modern China
HIST	3322	History of Modern Japan
HIST	3326	Cultural History of Japan
PSCI	3301	Major Asian Political Systems
PSCI	3310	East Asian International Relations

American Concentration (Choose 4 Courses)

ANTH	3350	Diversity in the Workplace
ENG	3122	19 th Century American Literature
ENG	3224	Ethnic Literature
HIST	3441	U.S. History Since World War II
HIST	3676	U.S. Diplomatic History
PSCI	3401	Issues in American Politics
PSCI	3411	The U.S. Presidency
PSCI	3412	American Foreign Policy
PSCI	3430	America: Images from Abroad

European Concentration (Choose 4 Courses)

HIST	3222	Europe and the Age of Revolution
HIST	3231	Europe in the 20 th Century
HIST	3252	Modern Russian History
ENG	3100	British Literature to 1800
ENG	3102	19 th -Century British Literature
ENG	4100	Shakespeare Seminar
PHIL	3200	History of Western Philosophy
PSCI	3000	History of Political Thought
PSCI	4201	European Union

Pacific Concentration (Choose 4 Courses)

ANTH	3500	Appreciating Pacific Worlds
ANTH	3550	Hawai'i in the Pacific: Selected Issues
ANTH	3580	Impact of Tourism on Local Culture
ARTH	3551	Art of the Pacific

ARTH	3552	Art of Polynesia
ARTH	3556	Art of Hawai'i
ENG	3226	Hawai'i Writers
HIST	3551	Pacific Island History
HIST	3556	History of Hawai'i
PSCI	3416	Elections in Hawai'i

Comparative Concentration (Choose 4 courses)

COM	3300	Intercultural Communication
ECON	3500	History of Economic Thought
ENG	3220	Backgrounds to Literature
HIST	3662	War and Society Since 1500
PSCI	3100	International Relations
PSCI	3700	International Political Economy
PSCI	4001	International Institutions
PSCI	4051	Comparative Politics
PSCI	4320	Comparative Political Economy
PSY	3235	Cross-Cultural Psychology
SOC	3380	Cross-Cultural Relations

Optional year-long study abroad opportunities are available to earn up to 30 credits to fulfill the requirements of the major.

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits. Note: Students are encouraged to enroll in 3000- and 4000-level language courses.

**BACHELOR OF ARTS
MAJOR: JOURNALISM**

Total credits required: 124 semester credits

Journalism is the gathering, interpretation, and presentation of information upon which we base our decisions. Such information may be breaking news such as war, or disaster, or it may provide insight into the triumphs and tragedies of the human condition. Students prepare for graduate study and careers in print journalism, broadcasting, photojournalism, design and digital media. They learn to interview and gather data from multiple sources. They learn to present that data quickly, accurately, and objectively. They become cognizant of the effects of agenda-setting, bias, and gate-keeping, on the information flow vital to an informed populace.

PROGRAM OBJECTIVES

Students who major in journalism will be prepared to:

- 1. Think critically and write clearly, concisely, correctly, and in an appropriate style for print, broadcast, or Internet media*
- 2. Demonstrate an understanding of basic journalism theory*
- 3. Demonstrate an understanding of and an ability to apply principles and practices of journalism law and ethics, including development of personal standards and an analytical system for resolving ethical conflict*
- 4. Demonstrate dynamic, effective, and persuasive oral communication skills*
- 5. Demonstrate the ability to do journalism: i.e., to function as reporters, writers, photographers, videographers, editors, and/or graphic designers*
- 6. Present information in all currently available media: print, radio, television, or multi-media*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
 2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
 3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Students in this major may prefer to take CSCI 1041 for the digital literacy requirement in order that it can also be counted for Global Systems C. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.
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LOWER-DIVISION MAJOR REQUIREMENTS (18 CREDITS)

COM	2000	Public Speaking (Communication Skills C)
COM	2300	Communication and Culture (World Cultures B)
JOUR	1100	Writing for the Media (Communication Skills A) or JOUR 3000 Introduction to Journalism
MULT	2060	Modern Media Systems
MULT	2460	Graphic Design Studio
MULT	2465	Motion Picture Production

LOWER-DIVISION LANGUAGE REQUIREMENTS (8 CREDITS)

Two semesters of the same language: ARB, CHIN, FR, HAWN, JPE, KOR, LAT or SPAN (A semester of a modern language meets Communication Skills B, while LAT 1100 meets Communication Skills C).

II UPPER-DIVISION REQUIREMENTS**UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)**

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

One of the following:

COM	3400	Communicating Professionally
COM	3500	Technical Communication

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course

UPPER-DIVISION MAJOR REQUIREMENTS (33 SEMESTER CREDITS)

COM	3650	Media Ethics and Law
JOUR	3300	Newswriting
JOUR	3400	Editing
JOUR	3420	Publication Design+
JOUR	3455	Photo Journalism I
JOUR	3550	Publication Production*
JOUR	3500	The Business of News
JOUR	4900	Seminar in Journalism
MULT	3360	Writing for Broadcast
MULT	3475	Introduction to Multimedia

Plus one of the following:

JOUR	3600	Electronic Journalism
MULT	3700	Radio and Audio Production

* May be repeated up to 9 total credits; however, only 3 credits may be counted toward major course requirements.

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, and the number of credits required for the minor, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF ARTS
MAJOR: JUSTICE ADMINISTRATION

Total credits required: 124 semester credits

This major is designed to prepare students for jobs and careers in law and law-related fields such as federal, state, and local law enforcement agencies; the civil justice and criminal justice courts; law firms, including paralegals and attorneys, involved in the civil and criminal courts; corrections and probation departments; and not-for-profit agencies dealing with civil justice or criminal justice clients. The faculty members teaching civil justice and criminal justice administration courses represent a broad spectrum of academic disciplines, including law, law enforcement, psychology, sociology, management, and administration of civil justice and criminal justice. Their years of practical experience provide the student with a comprehensive grounding in both civil justice and criminal justice administration.

PROGRAM OBJECTIVES

Students who major in Justice Administration will:

1. Evaluate law enforcement situations in an organized manner.
2. Apply basic legal and management theories to a broad range of justice administration applications.
3. Demonstrate understanding of the key processes in justice administration systems. Synthesize concepts from management, law, and the behavioral sciences and apply them to contemporary situations.

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

LOWER-DIVISION MAJOR REQUIREMENTS (15 SEMESTER CREDITS)

JADM	1000	Crimes and Criminals (Values & Choices B)
JADM	2000	Laws and Courts in World Cultures (World Cultures A)
JADM	2050	Basic Criminology
JADM	2060	Civil and Criminal Justice Systems

Plus one of the following:

PSCI	1400	American Political System (Values & Choices C)
PSY	1000	Introduction to Psychology (Research & Epistemology C)

SOC	1000	Introduction to Sociology (World Cultures B)
SOC	2000	Social Problems and Policy (Values & Choices B)

LOWER-DIVISION LANGUAGE REQUIREMENTS (8 CREDITS)

Two semesters of the same language: ARB, CHIN, FR, HAWN, JPE, KOR, LAT or SPAN

II UPPER-DIVISION REQUIREMENTS**UPPER-DIVISION GENERAL EDUCATION (6-SEMESTER CREDITS)**

UPPER-DIVISION RESEARCH AND WRITING (3 credits)
Any Upper-Division Research and Writing course

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)
Any Upper-Division Global Citizenship or Service-Learning course

UPPER-DIVISION MAJOR REQUIREMENTS (30 SEMESTER CREDITS)

JADM	3070	Justice Management
JADM	3300	Criminal Procedures
JADM	3310	Law Enforcement: Contemporary Issues
JADM	3320	Corrections: Processes and Programs
JADM	3500	Criminal Law
JADM	3550	Crime Scene Investigation: Theories and Practices
SOC	3100	Methods of Inquiry

Two of the following:

JADM	3510	Crime Victims and Justice
JADM	3520	Drug Abuse and Justice
JADM	3530	Juvenile Deviancy and Justice
JADM	3540	Women, Minorities, and Justice

One of the following:

PSY	3235	Cross-Cultural Psychology
SOC	3380	Cross-Cultural Relations

Or another cross-cultural course to be approved by the program chair.

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF ARTS

MAJOR: MULTIMEDIA CINEMATIC PRODUCTION

Total credits required: 124 semester credits

The Multimedia Cinematic Production degree prepares students to work and produce in the audio-visual, mass media, information and entertainment industries. The major focuses on developing multiple media literacy competencies, analytic abilities and narrative skills. In this program, students can choose a capstone project focusing on a creative Cinematic Narrative Production or a Documentary Production. The applied audio-visual, graphical and online skills that students learn are informed by a foundation in communication and critical analysis, and an emphasis on writing and narrative design.

PROGRAM OBJECTIVES

Students who major in multimedia cinematic production will

- 1. Acquire the technical and creative multimedia skills to produce effective graphical, performative and audio-visual artifacts.*
- 2. Demonstrate the ability to communicate effectively to targeted and mass audiences through media creation.*
- 3. Gain skills in creating and distributing multimedia messages via online and emerging technologies.*
- 4. Acquire and demonstrate knowledge of the technological development and history of modern electronic media systems.*
- 5. Develop an understanding of the local and global influence of electronic media and the ethical and legal responsibilities of media practitioners.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <http://www.hpu.edu/overlap>.

LOWER-DIVISION MAJOR REQUIREMENTS (18 SEMESTER CREDITS)

MULT	1100	Foundations of Multimedia Production (Communication Skills C)
MULT	2000	Introduction to Cinema Studies
MULT	2060	Modern Media Systems (Global Systems B)
MULT	2460	Graphic Design Studio
MULT	2465	Motion Picture Production
THEA	2320	Basic Acting for Stage and Screen (World Cultures C and Art, Aesthetics, and Creativity)

LOWER-DIVISION LANGUAGE REQUIREMENTS (8 CREDITS)

Two semesters of the same language: ARB, CHIN, FR, HAWN, JPE, KOR, LAT or SPAN (A semester of a modern language meets Communication Skills B, while LAT 1100 meets Communication Skills C).

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6-SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

Any Upper-Division Research and Writing Course

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course

UPPER-DIVISION MAJOR REQUIREMENTS (33 SEMESTER CREDITS)

ESSENTIALS

Take all of the following:

COM 3650 Media Ethics and Law
MULT 3360 Writing for New Media
MULT 3475 Web Interface and Design
MULT 3500 Cinematography Workshop
MULT 3510 Nonlinear Audio-Visual Editing
MULT 3750 Motion Graphics and Compositing

WRITING

Take one of the following:

WRI 3320 Scriptwriting
JOUR 3000 News Writing for Integrated Media

CONCENTRATION

Take one of the following:

MULT 3560 Documentary Production
MULT 3600 Creative Narrative Production

APPLICATION

Take one of the following:

ARTS 3051 Photography
COM 3950 Communication Practicum
JOUR 3455 Photojournalism
MULT 3400 Design Systems and Portfolio
MULT 3470 TV Studio Production
MULT 3675 Advanced Web Design
MULT 3700 Radio and Audio Production
MULT 3780 Global Documentary
MULT 4010 Postproduction Seminar

CAPSTONE

MULT 4000 Advanced Cinematic Production

MEDIA ANALYSIS AND CRITICISM

Take one of the following:

COM	3260	Exploring Film
COM	3770	Media Literacy
ENG	3145	Nonfiction Film: Documentary, Docudrama and Historical Film
ENG	3227	Hawaii and the Pacific in Film
ENG	3330	Film Theory and Criticism
MULT	3910	Selected Topics in Multimedia
MULT	3950	Contemporary Cinematic Studies
MULT	4100	Visual Culture and Media Theory
MULT	4900	Multimedia Seminar
PHIL	3260	Exploring Film

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF ARTS MAJOR: POLITICAL SCIENCE

Total credits required: 124 semester credits

The political science major is designed to make students familiar with the major schools of thought and methodologies in the field of political science. Students become knowledgeable about American, comparative, and international politics and study the dynamics of power and decision making in various political systems. They learn to grasp the forces that determine the direction of emerging countries and their governments, and to analyze the political-economic relationship within geopolitical areas. Students can make comparisons among different political structures within the world, and understand competing historical and contemporary political thought that underpins political systems. The goal in political science is to achieve a self-reflective analysis of the institutions that socialize individuals into their political constructs.

PROGRAM OBJECTIVES

Students who major in political science will:

1. *Be knowledgeable about American, comparative, and international politics.*
2. *Understand the dynamics of power and decision making in various political systems.*
3. *Grasp the forces that determine the direction of emerging countries and their governments.*
4. *Be able to analyze the political-economic relationship within geopolitical areas.*
5. *Be able to make comparisons among different political structures within the world, to include the congressional and parliamentary systems.*
6. *Understand competing historical and contemporary political thought that underpins political systems.*
7. *Be able to perform a self-reflective analysis of the institutions that socialize individuals into their political constructs.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

LOWER-DIVISION MAJOR REQUIREMENTS (15 SEMESTER CREDITS)

GEOG	2000	Introduction to Human Geography (Global Systems B)
PSCI	1400	American Political System (Values and Choices C)
PSCI	2000	Introduction to Politics (Values and Choices A)

PSCI	2500	World Politics (Values and Choices B)
SOC	2100	Introduction to Research (Research and Epistemology C)

**LOWER-DIVISION MODERN LANGUAGE REQUIREMENTS
(8 SEMESTER CREDITS)**

Two semesters of the same modern language: ARB, CHIN, FR, HAWN, JPE, KOR, or SPAN (One semester satisfies Communication Skills B. If the student is exempt from the language requirements, a different course from Communication Skills B must be taken for the common core requirements).

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)
Any Upper Division Research and Writing Course

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)
Any Upper-Division Global Citizenship or Service-Learning course

MAJOR REQUIREMENTS (30 SEMESTER CREDITS)

PSCI	3000	History of Political Thought
PSCI	3100	International Relations; or PSCI 3412 American Foreign Policy
PSCI	3401	Issues in American Politics; or PSCI 3411 U.S. Presidency
PSCI	4051	Comparative Politics
PSCI	4900	Senior Seminar
SOC	3200	Social Statistics

Plus four upper-division electives from PSCI or INTR.

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF ARTS MAJOR: PSYCHOLOGY

Total credits required: 124 semester credits

Psychology is the scientific study of behavior and mental processes. The psychology program at Hawai'i Pacific University provides students with an understanding of the theoretical approaches and research methods applicable to both laboratory and real-world settings. The program emphasizes the role of the liberal arts and critical thinking in higher education, the student's personal development and an appreciation of individual differences and cultural diversity.

To achieve the mission of the psychology program, students study a range of topics that expose them to a variety of methodologies and laboratory experiences that will enable them to evaluate, interpret and solve problems in the workplace, at home and in their community. Course topics may include human and animal learning, cognition and behavior, child and adult development, normal and abnormal behavior, addictions, neuroscience, and the applications of psychology to business, education and health. The curriculum emphasizes active learning, fieldwork and research within an international environment that prepares students for graduate study in psychology and/or a broad range of entry-level positions in psychology and the community.

PROGRAM OBJECTIVES

Students who major in psychology will:

- 1. Demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology.*
- 2. Understand and apply basic research methods in psychology, including research design, data analysis, and interpretation.*
- 3. Respect and use critical and creative thinking, skeptical inquiry, and, when possible, the scientific approach to solve problems related to behavior and mental processes.*
- 4. Understand and apply psychological principles to personal, social, and organizational issues.*
- 5. Value empirical evidence, tolerate ambiguity, act ethically, and reflect other values that are the underpinnings of psychology as a science.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
 2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
 3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found
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on the HPU website at <<http://www.hpu.edu/overlap>>.

LOWER-DIVISION MAJOR REQUIREMENTS (11 SEMESTER CREDITS)

PSY	1000	Introduction to Psychology (Research and Epistemology C)
PSY	2100	Statistics in Psychology
PSY	2200	Research Methods in Psychology

LOWER-DIVISION LANGUAGE REQUIREMENTS (8 SEMESTER CREDITS)

Plus two semesters of the same modern language: ARB, CHIN, FR, HAWN, JPE, KOR, or SPAN. (One semester will satisfy Communication Skills B).

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

Any 3 credit Upper-Division Research and Writing Course

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

PSY	3235	Cross-Cultural Psychology
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UPPER-DIVISION MAJOR REQUIREMENTS (33 SEMESTER CREDITS)

PSY	3100	Learning & Cognitive Processes
PSY	3200	Biopsychology
PSY	3300	Social Psychology
PSY	3400	Lifespan Developmental Psychology
PSY	3500	Tests and Measurements in Psychology

Plus take at least ONE of the following:

PSY	3600	Abnormal Psychology
PSY	3700	Personality

Plus take at least ONE of the following:

PSY	4900	History and Systems in Psychology
PSY	4925	Psychology Research Seminar
PSY	4950	Counseling Practicum

Plus take four additional upper-division courses in psychology, excluding PSY 3235 (minimum 12 credits)

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF ARTS MAJOR: SOCIAL SCIENCE

Total credits required: 124 semester credits

This is an eclectic interdisciplinary major which provides a foundation in the areas of political science, psychology, sociology, and anthropology — collectively referred to as the “behavioral sciences.” This major may include representative offerings from related fields. This major prepares students for further training on the graduate level in the various social sciences and also provides excellent preparation for law school and public service. Students in this major will develop skills and methods for critically assessing and understanding the world in which they live. They will be able to compare and assess their own culture in a global context and be prepared to meet the evolving needs of society.

PROGRAM OBJECTIVES

Students who major in social science will:

1. *Understand the theories and worldviews of at least three of the social sciences.*
2. *Apply the perspectives of the social sciences to current events and issues.*
3. *Articulate an integrative vision of human behavior based on broad perspectives of social science.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <http://www.hpu.edu/overlap>.

LOWER-DIVISION MAJOR REQUIREMENTS (18-21 SEMESTER CREDITS)

ANTH	2000	Cultural Anthropology (World Cultures B)
PSCI	2000	Introduction to Politics (Values and Choices A)
PSY	1000	Introduction to Psychology (Research and Epistemology C)
SOC	1000	Introduction to Sociology (World Cultures B)
SOC	2100	Fundamentals of Research (Research and Epistemology C)
ECON	1000	(Values and Choices B) or ECON 1010 (Global Systems B) or ECON 2010 (Values and Choices B) or ECON 2015 (Values and Choices C). *

**Students planning to choose Economics for one of the three social sciences disciplines below must take both ECON 2010 and ECON 2015 as prerequisites for upper division courses.*

LOWER-DIVISION LANGUAGE REQUIREMENTS (8 CREDITS)

Plus two semesters of the same language: ARB, CHIN, FR, HAWN, JPE, KOR, LAT, or SPAN. (A semester of a modern language meets Communication Skills B, while LAT 1100 meets Communication Skills C).

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

Any Upper-Division Research and Writing Course

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Global Citizenship or Service-Learning course

Note: If SOC 3100 is chosen for the upper-division research and writing requirement and an ANTH, PSY, SOC course is chosen for the upper-division citizenship requirement, these courses could also fulfill upper division major requirements, increasing the number of unrestricted elective credits.

UPPER DIVISION MAJOR REQUIREMENTS (33 SEMESTER CREDITS)

PHIL 3731 Philosophy of the Social Sciences or SOC 4000 Sociological Theory

SOC 3200 Social Statistics

Plus nine upper-division courses (27 credits) taken equally from three of these five social science categories (i.e. 9 credits from each group):

- Anthropology
- Political Science
- Sociology
- Economics
- Psychology

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

**BACHELOR OF ARTS
MAJOR: SOCIOLOGY**

Total credits required: 124 semester credits

Students studying sociology at Hawai'i Pacific University learn several sociological perspectives in the classroom, which have relevance in today's world. They will be able to critically discuss the role of various sociological theories in practical settings, and will understand the interaction between theory and practice. Sociology students learn the role of evidence and methodological approaches as a basis for examining issues and making recommendations for social change.

PROGRAM OBJECTIVES

Students who major in Sociology will:

- 1. Identify theoretical underpinnings of societal phenomena at micro and macro levels, as global citizens.*
- 2. Compare and contrast the types of methodological approaches that are particularly relevant to various fields within sociology.*
- 3. Demonstrate an awareness of a variety of communication styles, which derive from the many geographic locations and cultures represented in course curricula and in those who study at HPU.*
- 4. Understand and Use technology for identifying, locating, and retrieving information relevant to the practice of sociology.*
- 5. Participate effectively in group processes and decision-making.*

I LOWER-DIVISION REQUIREMENTS**GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)**

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

LOWER-DIVISION MAJOR REQUIREMENTS (9 SEMESTER CREDITS)

SOC	1000	Introduction to Sociology (World Cultures B)
SOC	2000	Social Problems and Policy (Values and Choices C)
SOC	2600	Peace Studies (Global Systems C)

LOWER-DIVISION LANGUAGE REQUIREMENTS (8 SEMESTER CREDITS)

Plus two semesters of the same language: ARB, CHIN, FR, HAWN, JPE, KOR, LAT, or SPAN. (A semester of a modern language meets Communication Skills B, while LAT 1100 meets Communication Skills C).

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

Any Upper-Division Research and Writing Course

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

One of the following:

SOC 3380 Cross-Cultural Relations

SOC 3650 Global Systems and Development

UPPER DIVISION MAJOR REQUIREMENTS (36 SEMESTER CREDITS)

One of the following (3 credits):

PHIL 3731 Philosophy of the Social Sciences

SOC 4000 Sociological Theory

Each of the following (12 credits):

SOC 3100 Methods of Inquiry or SOC 2100 Fundamentals of Research*

SOC 3200 Social Statistics or MATH 1123 Statistics*

SOC 3380 Cross-Cultural Relations

SOC 3650 Global Systems and Development

One of the following (3 credits):

SOC 4900 Field Practicum

SOC 4910 Community Intervention

SOC 4971 Research Practicum

Choose any six upper division Sociology courses (18 credits)

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF ARTS
MAJOR: TEACHING ENGLISH TO
SPEAKERS OF OTHER LANGUAGES (TESOL)

Total credits required: 124 semester credits

The TESOL program at HPU is structured on three types of courses: theoretical, pedagogical, and practical. The first type is linguistic theory courses, taught from an applied viewpoint to help the TESOL student better understand languages in general, and English in particular. The second is pedagogical courses, which present a wide range of current approaches, methods, and techniques for teaching language in a wide variety of contexts. Finally, practicum courses allow the future teacher to observe master teachers, serve with them as assistants, and finally assume class responsibility as solo practice teachers. While the TESOL program focuses on the teaching of English, sound language teaching principles are universal. The approaches, methods, and techniques considered in our program can be transferred to the teaching of other languages as well. A number of our graduates have found that their knowledge of and fluency in other languages, combined with their TESOL training, make them excellent candidates for teaching those other languages.

PROGRAM OBJECTIVES

Students who major in TESOL will:

- 1. Demonstrate excellence in their verbal and written English skills.*
- 2. Analyze phonological, syntactic, and semantic elements of English and respond appropriately to errors in their use.*
- 3. Use basic terminology from the subfields of linguistics to discuss issues related to language learning and teaching.*
- 4. Demonstrate an understanding of the stages, complexities, and current models of first and second language acquisition.*
- 5. Discuss how language variation is affected by social class, ethnic group, gender, context, geography, history, and contact with other languages.*
- 6. Articulate how sociolinguistic and psycholinguistic theories interact with second language learning and teaching.*
- 7. Demonstrate proficiency in critical evaluation of language teaching materials; preparation and evaluation of lessons, tests, and assignments; correction of errors; and appropriate response to student needs in a given class.*
- 8. Take a professional approach to teaching which demonstrates the ability to develop and implement appropriate instructional plans and the capacity for self-reflection and self-critique.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
 2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
 3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general
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education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

LOWER-DIVISION MAJOR REQUIREMENTS (15 SEMESTER CREDITS)

AL	2000	Introduction to Linguistics (World Cultures C)
ANTH	2000	Introduction to Anthropology (World Cultures B) or SOC 1000 Introduction to Sociology (World Cultures B)
COM	2000	Public Speaking (Communication Skills C)—unless waived by TESOL Coordinator
ENG	2xxx	Any 2000-level ENG course which could meet one of several general education categories depending on the course chosen
PSY	1000	Introduction to Psychology (Research and Epistemology C)

**LOWER-DIVISION MODERN LANGUAGE REQUIREMENTS
(16 SEMESTER CREDITS)**

Four semesters of the same modern language: ARB, CHIN, FR, HAWN, JPE, KOR, or SPAN (One semester satisfies Communication Skills B).

- At least the last semester of language must be taken after AL 2000.
- If exempted from the language requirement, one semester (4 credits) of any new language must still be taken after AL 2000.

II UPPER-DIVISION REQUIREMENTS**UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)**

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

HUM	3900	Research and Writing in the Humanities or SOC 3100 Methods of Inquiry
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UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Global Citizenship or Service-Learning course

Note: The course chosen for the citizenship requirement might overlap with the final major elective which would give the student three extra credits of unrestricted electives.

UPPER-DIVISION MAJOR REQUIREMENTS (24 SEMESTER CREDITS)

AL	3110	Phonetics and English Phonology
AL	3120	English Syntax
AL	3320	Sociolinguistics (Spring only)
AL	3500	Second Language Learning and Teaching
AL	3950	Language Classroom Experience (usually taken 1 credit at a time)
AL	4710	Materials, Methods, and Testing: Spoken English
AL	4720	Materials, Methods, and Testing: Written English
AL	4960	Practice Teaching I

MAJOR ELECTIVES (12 SEMESTER CREDITS)

Two upper-division electives from Applied Linguistics (AL)

Plus two courses chosen from the following:

Any upper-division AL

ANTH	3700	Culture and Language,
CLST	2600	Greek and Latin Roots of English
PHIL	4721	Philosophy of Education,
PSY	3110	Human Development I
PSY	3211	Adolescent Psychology
PSY	3134	Educational Psychology
SOC	3380	Cross-Cultural Relations,
WRI	3510	Introduction to Composition Studies

or a TESOL-related course cleared through the TESOL program chair.

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

Practice Teaching

Ideally, the student would take three credits of AL 3950 Language Classroom Experience before taking AL 4960 Practice Teaching I in the final term of the program. Depending on individual circumstances, such as limited time or previous experience, the BA TESOL program chairperson may allow the student to take the final credit of AL 3950 concurrently with AL 4960.

BACHELOR OF EDUCATION
MAJOR: ELEMENTARY EDUCATION
Total credits required: 124 semester credits

The School of Education provides an undergraduate degree program in Elementary Education that prepares candidates for licensing in grades K-6.

Guided by a profound belief in active, collaborative, experiential, reflective, and transformative learning as well as a deep commitment to diversity and educational technology, this degree program is based on an innovative inquiry-oriented, standards driven, field-based, and technology-rich curriculum that integrates content and pedagogy and employs an electronic, portfolio-based assessment system to evaluate the teacher candidate's progress toward achieving professional standards and proficiencies. In addition, HPU provides teacher candidates with cutting edge, course web page technology tools and access to online periodical databases in education.

University faculty, mentor teachers, and principals join in a unique partnership to deliver an innovative curriculum that has been designed to develop professional educators who are reflective practitioners dedicated to the scholarship of teaching and learning and school renewal. This partnership forms the basis for an alumni 'ohana that provides continuing mentoring and support to its graduates.

PROGRAM OBJECTIVES

Students who complete the Bachelor of Education in Elementary Education Program will:

- 1. Understand the central concepts, tools of inquiry, and structures of the discipline(s) that he or she teaches and can create learning experiences that make these aspects of subject matter meaningful for students;*
 - 2. Understand how children learn and develop and can provide learning opportunities that support their intellectual, social, and personal development;*
 - 3. Understand how students differ in their approaches to learning and can create instructional opportunities that are adapted to diverse learners;*
 - 4. Understand and use a variety of instructional strategies to encourage students' development of critical thinking, problem solving, and performance skills;*
 - 5. Use an understanding of individual and group motivation and behavior to create a learning environment that encourages positive social interaction, active engagement in learning, and self-motivation;*
 - 6. Use knowledge of effective verbal, non-verbal, and media communication techniques to foster active inquiry, collaboration, and supportive interaction in the classroom;*
 - 7. Plan instruction based upon knowledge of subject matter, students, the community, and curriculum goals;*
 - 8. Understand and use formal and informal assessment strategies to evaluate and ensure the continuous intellectual, social, and physical development of the learner;*
 - 9. Are reflective practitioners who continually evaluate the effects of their choices and actions on others (students, parents, and other professionals in the learning community) and who actively seek out opportunities to grow professionally;*
 - 10. Foster relationships with school colleagues, parents, and agencies in the larger community to support students' learning and well being.*
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I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

LOWER-DIVISION MAJOR REQUIREMENTS (9 SEMESTER CREDITS)

PSY	1000	Introduction to Psychology (Research and Epistemology C)
ED	2000	Foundations of American Education (Values and Choices B)
ED	2300	Introduction to Teaching (Communication Skills B)

LOWER-DIVISION MODERN LANGUAGE REQUIREMENTS (8 SEMESTER CREDITS)

Two semesters of the same language: ARB, CHIN, FR, HAWN, JPE, KOR, LAT or SPAN (A semester of a modern language meets Communication Skills B).

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (9 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

ED	3200	Education Research and Writing
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UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

ED	3500	Education Practicum
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UPPER-DIVISION PREREQUISITE REQUIREMENTS (9 credits)

HIST	3558	Living History of Hawai'i
MATH	3420	Mathematics for Elementary Education
PSY	3450	Child and Adolescent Development for Educators

UPPER-DIVISION MAJOR REQUIREMENTS (30 SEMESTER CREDITS)

ED	3400	Arts for Elementary Education (3 credits)
ED	3420	Language Arts for Elementary Education (3 credits)
ED	3421	Reading for Elementary Education (3 credits)
ED	3440	Mathematics for Elementary Education (3 credits)
ED	3450	Science for Elementary Education (3 credits)
ED	3460	Social Studies for Elementary Education (3 credits)

ED	3470	Health and P.E. for Elementary Education (3 credits)
ED	3501	Arts and Humanities Field Experience (3 credits)
ED	3502	Mathematics and Science Field Experience (3 credits)
ED	3600	Foundations of Special Education (3 credits)

UPPER-DIVISION CAPSTONE REQUIREMENTS (15 SEMESTER CREDITS)

ED	4500	Student Teaching (9 credits)
ED	4501	Student Teaching Seminar (3 credits)

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary, depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF SCIENCE

MAJOR: Advertising and Public Relations: Strategic Communication

Total credits required: 124 semester credits.

Advertising, public relations, promotion, persuasion, word-of-mouth messages and the creative written and visual components of good communication are the core of the major in strategic communication. The major requires 42 semester hours in the College of Communication. Majors are afforded a complete view of the integrated communication profession and the demands on corporate and related professional communication practitioners. The program will help students develop an understanding of how strategic programs function and how techniques are developed and employed in public communication. Students may choose between a strategic planning/account management track or a strategic creative concentration.

STRATEGIC PLANNING/ACCOUNT MANAGEMENT CONCENTRATION

PROGRAM OBJECTIVES

Students who major in advertising and public relations: strategic communication on the account management track will:

- 1. Understand and appreciate the expanding, important role of integrated strategic communication in society and in the business and professional environment.*
- 2. Be knowledgeable about the research and planning of, rationale for, and implementation techniques for integrated strategic advertising, public relations and other promotional communication strategies.*
- 3. Increase knowledge and skills required for entry-level positions in strategic communication.*
- 4. Possess high ethical and legal standards.*
- 5. Build a foundation for lifelong learning and advanced education in strategic communication.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
 2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
 3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Students in this major may prefer to take CSCI 1041 for the digital literacy requirement in order that it can also be counted for Global Systems C. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.
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LOWER-DIVISION MAJOR REQUIREMENTS (12 CREDITS)

ADPR	2000	Introduction to Integrated Advertising and Public Relations
COM	2000	Public Speaking (Communication Skills C)
MATH	1123	Statistics (Research and Epistemology C)
MULT	2460	Graphic Design Studio

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

Any Upper-Division Research and Writing Course

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course

Note: If ADPR 3700 is chosen for the upper-division research and writing requirement, the student will have three additional credits of unrestricted electives.

UPPER-DIVISION MAJOR REQUIREMENTS (33 SEMESTER CREDITS)

ADPR	3200	Public Relations Writing
ADPR	3250	Communication Media Research
ADPR	3400	Media Strategies
ADPR	3600	Media Sales
ADPR	3700	Integrated Promotion Management
ADPR	4900	Seminar
COM	3000	Mass Media
COM	3650	Media Ethics and Law
COM	3950	Communication Practicum
MULT	3475	Web Design

Plus one of the following:

ADPR	3320	Consumer Behavior
ADPR	3500	Creative Copywriting
ADPR	3910	Selected topics in Adv./Public Relations
COM	3440	Interpersonal Communication

The marketing minor is recommended.

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements and how many credits are taken for the minor, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

STRATEGIC CREATIVE CONCENTRATION

PROGRAM OBJECTIVES

Students who major in advertising and public relations: strategic communication on the creative concentration will:

1. *Understand and appreciate the expanding, important role of integrated strategic communication in society and in the business and professional environment.*
2. *Be knowledgeable about the research and planning of, rationale for, and implementation techniques for integrated strategic advertising, public relations, and other promotional communication strategies.*
3. *Develop the knowledge and skills to create the products of strategic communication, such as: press materials, white papers, advertisements, internet promotions, web pages, promotional, and out-of-home materials, among others.*
4. *Increase knowledge and skills required for entry-level positions in strategic communication.*
5. *Possess high ethical and legal standards.*
6. *Build a foundation for lifelong learning and advanced education in strategic communication.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Students in this major may prefer to take CSCI 1041 for the digital literacy requirement in order that it can also be counted for Global Systems C. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

LOWER-DIVISION MAJOR REQUIREMENTS (15 CREDITS)

ADPR	2000	Introduction to Integrated Advertising and Public Relations
ADPR	2500	Creativity
COM	2000	Public Speaking (Communication Skills C)
MULT	2460	Graphic Design Studio
MULT	2465	Video Production I

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

Any Upper-Division Research and Writing Course

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course

Note: If ADPR 3700 is chosen for the upper-division research and writing requirement, the student will have three additional credits of unrestricted electives.

UPPER-DIVISION MAJOR REQUIREMENTS (30 SEMESTER CREDITS)

ADPR	3200	Public Relations Writing
ADPR	3250	Communication Media Research
ADPR	3500	Creative Copywriting
ADPR	3700	Integrated Promotion Management
ADPR	4900	Seminar
COM	3650	Media Ethics and Law
COM	4990	Portfolio Development*
MULT	3470	Web Design

Plus 6 credits of the following:

ADPR	3320	Consumer Behavior
ADPR	3400	Media Strategies
ADPR	3910*	Selected Topics in Adv./Public Relations
ADPR	3990*	Nonpaid Internship or ADPR 3991 Paid Internship
JOUR	3420	Publication Design
JOUR	3455	Photojournalism
MULT	3675	Web Design with Flash

**ADPR 3910 and 3990/91 may be repeated for a maximum of 3 credits each towards the 6 credit requirement*

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF SCIENCE
MAJOR: BIOCHEMISTRY

Total credits required: 124 semester credits

Biochemistry is the study of living organisms at the molecular level. Recent decades have witnessed dramatic advances in this constantly growing field. Deeper understanding of the molecular basis of life has resulted in the rise of biotechnology companies, the advent of cloning techniques, DNA synthesis and amplification, new drug production, DNA fingerprinting and a molecular understanding of many diseases. Increasingly an understanding of modern life, and some of the associated medical-ethical questions that are inevitably being raised, will depend on education in this area.

PROGRAM OBJECTIVES

Students who major in biochemistry will:

- Possess an understanding of the fundamentals of chemistry and biology and the key principles of biochemistry and molecular biology.
- Possess competency in key laboratory techniques used in the field of biochemistry to prove the structure of biopolymers.
- Identify and discuss the major issues, including ethical issues, at the forefront of the discipline of biochemistry.
- Work safely and effectively in a laboratory.
- Use oral, written and visual presentations to present their work to both a science literate and a science non-literate audience.
- Use computers as information and research tools, including data acquisition and statistical analysis.

Note: Biochemistry program objectives are consistent with those of the American Society for Biochemistry and Molecular Biology (ASBMB). Specifics for individual objective are given on the HPU web site.

I LOWER-DIVISION REQUIREMENTS**GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)**

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
 2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
 3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower division major requirements. CSCI 1011 is recommended for the digital literacy requirement in this major so that it can also be used for Communication Skills C. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.
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LOWER-DIVISION MAJOR REQUIREMENTS (38 SEMESTER CREDITS)

BIOL	2050	General Biology I
BIOL	2051	General Biology I Laboratory
BIOL	2052	General Biology II (Global Systems A)
BIOL	2053	General Biology II Laboratory
CHEM	2050	General Chemistry I (Global Systems C)
CHEM	2051	General Chemistry I Laboratory
CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Laboratory
MATH	1123	Statistics (Research & Epistemology C)
MATH	2214	Calculus I (Research & Epistemology B)
MATH	2215	Calculus II (Research & Epistemology B)
NSCI	1000	Freshman Science Seminar
PHYS	2050	General Physics I (Research & Epistemology C)
PHYS	2051	General Physics I Laboratory
PHYS	2052	General Physics II
PHYS	2053	General Physics II Laboratory

II UPPER-DIVISION REQUIREMENTS**UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)**

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

COM 3500 Technical Communication

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course

UPPER-DIVISION MAJOR REQUIREMENTS (38 SEMESTER CREDITS)

BIOL	3050	Genetics
BIOL	4030	Cell and Molecular Biology
BIOL	4031	Cell and Molecular Biology Laboratory
CHEM	3020	Physical Chemistry I
CHEM	3030	Organic Chemistry I
CHEM	3031	Organic Chemistry I Laboratory
CHEM	3032	Organic Chemistry II
CHEM	3033	Organic Chemistry II Laboratory
CHEM	3040	Quantitative Analysis
CHEM	3041	Quantitative Analysis Laboratory
CHEM	4030	General Biochemistry I
CHEM	4031	General Biochemistry I Laboratory
CHEM	4032	General Biochemistry II
CHEM	4033	General Biochemistry II Laboratory
CHEM	4095	Biochemistry Seminar

UPPER-DIVISION MAJOR ELECTIVES (4 SEMESTER CREDITS)

Choose one of the following 4-credit lecture/laboratory series

BIOL	3020	Plant Biology
BIOL	3021	Plant Biology Laboratory
BIOL	3030	Comparative Animal Physiology
BIOL	3031	Comparative Animal Physiology Laboratory
BIOL	3040	General Microbiology
BIOL	3040	General Microbiology Laboratory

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF SCIENCE MAJOR: BIOLOGY

Total credits required: 124 semester credits

Biology, the study of life, is currently in its most exciting era. Unique insights of new scientific pioneers fueled by modern research techniques are sparking an explosion of biological information. From these fragments emerge a picture of life revealing fascinating connections between molecules, cells, organisms, ecological systems, and evolution. Biologists explore these fundamental components and their connections to build a unified understanding of life.

The College of Natural Sciences offers two pathways, or options, for a major program of study leading to a bachelor of science degree in biology. Option 1 is the general biology program of study, which provides a broad, yet integrated curriculum across the breath of fields within the biological sciences. The general biology curriculum is scientifically rigorous yet flexible, offering student's choices and opportunities for pursuing their own areas of interest. The general biology program provides the background and preparation for a variety of biological careers or further studies, including the areas of wildlife biology, conservation, ecology, molecular biology, zoology, botany and physiology. Option 2 is the human and health sciences program of study. This curriculum option focuses on molecular and human biology, with options to study advanced aspects of human health and social sciences, from microbiology to psychology, anthropology and health management. The human and health sciences option prepares students for entry into medical school, dental school, veterinary school, pharmacy and health care training programs, and graduate studies in health related fields. In addition, it provides the scientific background for careers in biotechnology, cell and molecular biology, and biomedicine. In both curriculum options, the biology degree program at HPU integrates modern laboratory methods and field experiences with traditional classroom instruction, providing excellent preparation for employment or graduate studies for future biologists, science educators, health professionals, researchers, and many others.

GENERAL BIOLOGY CONCENTRATION

PROGRAM OBJECTIVES

Students who major in biology — general biology will:

- 1. Understand the fundamental facts, principles, processes, and systems in the natural sciences.*
 - 2. Understand the use of the scientific method, in context with other philosophies of inquiry.*
 - 3. Have advanced understanding of the biological sciences with emphasis on integrating concepts across the breadth of subject areas, including cellular and molecular biology, organismal biology, ecology and evolution, and the diversity of life.*
 - 4. Develop curiosity, critical thinking, and skills for life-long learning.*
 - 5. Develop professionalism and scientific ethics.*
 - 6. Promote service to society, with emphasis on health and conservation.*
 - 7. Plan observational and experimental studies with appropriate experimental design.*
 - 8. Develop proficiency in basic lab and field data collection techniques.*
 - 9. Work collaboratively and cooperatively in groups.*
 - 10. Analyze biological data using appropriate mathematical and statistical techniques.*
 - 11. Use appropriate computer software for data analysis and presentation.*
 - 12. Acquire a high level of reading comprehension in science.*
-

13. Find and use published information from a variety of printed and electronic sources.
14. Critically assess/evaluate the literature.
15. Communicate scientific ideas effectively in written format.
16. Acquire effective oral communication and use of presentation techniques.

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower division major requirements. CSCI 1011 is recommended for the digital literacy requirement in this major so that it can also be used for Communication Skills C. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

LOWER-DIVISION MAJOR REQUIREMENTS (35 - 37 SEMESTER CREDITS)

BIOL	2050	General Biology I
BIOL	2051	General Biology I Laboratory
BIOL	2052	General Biology II (Global Systems A)
BIOL	2053	General Biology II Laboratory
CHEM	2050	General Chemistry I (Global Systems C)
CHEM	2051	General Chemistry I Laboratory
CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Laboratory
MATH	1123	Statistics (Research & Epistemology C)
MATH	2214	Calculus I (Research & Epistemology B)
MATH	2215	Calculus II; or MATH 3305 Linear Algebra; or BIOL 4090 Biometry

Take either the College Physics series:

PHYS	2030	College Physics I (Research & Epistemology C)
PHYS	2031	College Physics I Laboratory
PHYS	2032	College Physics II
PHYS	2033	College Physics II Laboratory

or the General Physics series:

PHYS	2050	General Physics I (Research & Epistemology C)
PHYS	2051	General Physics I Laboratory
PHYS	2052	General Physics II
PHYS	2053	General Physics II Laboratory

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (7 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (4 credits)

This requirement will be fulfilled when students take BIOL 3080 Ecology and BIOL 3081 Ecology Laboratory as part of the major

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course

UPPER-DIVISION MAJOR REQUIREMENTS (34 - 37 SEMESTER CREDITS)

BIOL	3020	Plant Biology; or BIOL 3024 Algal Biology & Diversity
BIOL	3030	Comparative Animal Physiology; or BIOL 3034 Human Physiology
BIOL	3040	General Microbiology; or BIOL 4040 Environmental Microbiology
BIOL	3050	Genetics; or BIOL 3054 Evolutionary Genetics
BIOL	3060	Marine Invertebrate Zoology; or BIOL 3070 Marine Vertebrate Zoology
BIOL	3080	Ecology
BIOL	3081	Ecology Laboratory
BIOL	4030	Cell and Molecular Biology; or CHEM 4030 Biochemistry I
BIOL	4940	Biology Seminar (For seniors)
CHEM	3010	Fundamental Organic Chemistry; or CHEM 3030/3032 Organic Chemistry I & II [The year-long organic chemistry series is recommended for students planning to attend graduate school]

Choose at least 3 upper-division science laboratory courses (3 credits minimum) from the following:

BIOL	3021	Plant Biology Laboratory
BIOL	3025	Algal Biology & Diversity Laboratory
BIOL	3031	Comparative Animal Physiology Laboratory
BIOL	3035	Human Physiology Laboratory
BIOL	3041	General Microbiology Laboratory
BIOL	3061	Marine Invertebrate Zoology Laboratory
BIOL	3071	Marine Vertebrate Zoology Laboratory
BIOL	4031	Cell and Molecular Biology Laboratory
BIOL	4041	Environmental Microbiology Laboratory
CHEM	4031	Biochemistry I Laboratory

Plus an additional 3 credits of upper-division Natural Science courses (lecture or labs from BIOL, CHEM, GEOL, ENVS, PHYS, or PMED)

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

HUMAN AND HEALTH SCIENCES CONCENTRATION

PROGRAM OBJECTIVES

Students who major in biology — human and health sciences will:

1. *Understand the fundamental facts, principles, processes, and systems in the natural sciences.*
2. *Understand the use of the scientific method, in context with other philosophies of inquiry.*
3. *Have advanced understanding of the biological sciences with emphasis on molecular, cell, and human biology, and the relation to the health and social sciences.*
4. *Develop curiosity, critical thinking, and skills for life-long learning.*
5. *Develop professionalism and scientific ethics.*
6. *Promote service to society, with emphasis on health and conservation.*
7. *Plan observational and experimental studies with appropriate experimental design.*
8. *Develop proficiency in basic lab and field data collection techniques.*
9. *Work collaboratively and cooperatively in groups.*
10. *Analyze biological data using appropriate mathematical and statistical techniques.*
11. *Use appropriate computer software for data analysis and presentation.*
12. *Acquire a high level of reading comprehension in science.*
13. *Find and use published information from a variety of printed and electronic sources.*
14. *Critically assess/evaluate the literature.*
15. *Communicate scientific ideas effectively in written format.*
16. *Acquire effective oral communication and use of presentation techniques.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower division major requirements. CSCI 1011 is recommended for the digital literacy requirement in this major so that it can also be used for Communication Skills C. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

LOWER-DIVISION MAJOR REQUIREMENTS (38 - 40 SEMESTER CREDITS)

BIOL	2050	General Biology I
BIOL	2051	General Biology I Laboratory
BIOL	2052	General Biology II (Global Systems A)
BIOL	2053	General Biology II Laboratory

CHEM	2050	General Chemistry I (Global Systems C)
CHEM	2051	General Chemistry I Laboratory
CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Laboratory
MATH	1123	Statistics (Research & Epistemology C)
MATH	2214	Calculus I (Research & Epistemology B)
MATH	2215	Calculus II; or MATH 3305 Linear Algebra; or BIOL 4090 Biometry

Take either the College Physics series:

PHYS	2030	College Physics I (Research & Epistemology C)
PHYS	2031	College Physics I Laboratory
PHYS	2032	College Physics II
PHYS	2033	College Physics II Laboratory

or the General Physics series:

PHYS	2050	General Physics I (Research & Epistemology C)
PHYS	2051	General Physics I Laboratory
PHYS	2052	General Physics II
PHYS	2053	General Physics II Laboratory
PSY	1000	Introduction to Psychology (Research & Epistemology C)

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6-7 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3-4 credits)

This requirement will be fulfilled when students take BIOL 3080/81 as part of the major, or for students who take ENVS 3000 instead, can be fulfilled by any Upper Division Research and Writing course

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

This requirement will be fulfilled when students take ENVS 3000 as part of the major, or for students who take BIOL 3080/81 instead, can be fulfilled by any Upper Division Global Citizenship or Service-Learning course

UPPER-DIVISION MAJOR REQUIREMENTS (43 - 45 SEMESTER CREDITS)

BIOL	3034	Human Physiology
BIOL	3036	Human Anatomy
BIOL	3040	General Microbiology, or BIOL 4040 Environmental Microbiology
BIOL	3041	General Microbiology Laboratory, or BIOL 4041 Environmental Microbiology Laboratory
BIOL	3050	Genetics
BIOL	3080	Ecology, or ENVS 3000 Science and the Modern Prospect
BIOL	3081	Ecology Laboratory (only if taking BIOL 3080)
BIOL	4030	Cell and Molecular Biology
BIOL	4031	Cell and Molecular Biology Laboratory
BIOL	4940	Biology Seminar (senior); or both PMED 3900 Premedical Studies Seminar and PMED 3990 Premedical Studies Internship (PMED 3991 if internship is paid)
CHEM	3030	Organic Chemistry I
CHEM	3031	Organic Chemistry I Laboratory

CHEM	3032	Organic Chemistry II
CHEM	3033	Organic Chemistry II Laboratory
CHEM	4030	Biochemistry I
CHEM	4031	Biochemistry I Laboratory
PSY	3400	Lifespan Development Psychology

Plus 5 to 6 credits of electives chosen from the following courses related to human biology or health sciences:

ANTH	3200	Medical Anthropology
ANTH	3360	Men and Women in Modern Society
ANTH	3400	The Anthropology of Food and Eating
ANTH	3922	Managing Our Mortality
ARTH	3611	Art and the Human Body
BIOL	3035	Human Physiology Laboratory
BIOL	4020	Cancer Biology
CHEM	4032	Biochemistry II
CHEM	4033	Biochemistry II Laboratory
GEOG	3720	Population Dynamics
NUR	2300	Pharmacology
NUR	3120	Health Care Informatics
NUR	3930	Complementary Healing Methods
NUR	3941	Women's Health
NUR	3944	Transcultural Nursing: People of Hawaii
NUR	3972	Introduction to Forensic Science
NUR	3973	Criminalistics and the Investigation of Injury and Death
PSY	3100	Learning and Cognitive Processes
PSY	3140	Psychology of Substance Abuse
PSY	3155	Sports Psychology
PSY	3200	Biopsychology
PSY	3211	Adolescent Psychology
PSY	3240	Client Counseling and Interviewing
PSY	3300	Social Psychology
PSY	3310	Forensic Psychology
PSY	3600	Abnormal Psychology
PSY	4340	Psychotherapies
REL	3007	On Death & Dying
SOC	3100	Methods of Inquiry
SOC	3320	Marriage and the Family
SOC	3420	Dynamics of Family Violence
SOC	3570	American Social Welfare Policy

Additional 3000-level or higher courses on approval of program chair.

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF SCIENCE
MAJOR: CHEMISTRY

Total credits required: 124 semester credits

Chemistry is central to the natural sciences, informing other areas as diverse as biology, molecular biology, pharmacy, medicine, physics, environmental science, engineering, geology and earth science. The BS in chemistry entails study in all the principal areas of chemistry, including general, inorganic, organic, analytical, instrumental, physical and biochemistry. In addition to this broad-based course work, students spend numerous laboratory hours acquiring the practical experience and skills required to use modern analytical tools and to engage in scientific work. This rigorous background prepares students for direct service in the chemical arena (education, industrial analytical chemistry, chemical engineering, pharmaceuticals synthesis, quality control), and in many related disciplines (medicine, pharmacy, biotechnology, environmental services, alternative fuels, material sciences).

PROGRAM OBJECTIVESContent Areas

Students who complete the chemistry major will demonstrate knowledge of:

- 1. Introductory chemistry: periodic table, chemical reactions, stoichiometry, gas laws, chemical thermodynamics, atomic structure, molecular structure, intermolecular forces, acids and bases, kinetics, chemical equilibrium, crystal structures, and electrochemistry.*
- 2. Core foundational areas of chemistry: analytical chemistry, biochemistry, inorganic chemistry, organic chemistry and physical chemistry.*
- 3. Students will also choose from "in-depth" coursework in the form of specialized elective courses and/or research experience in some of the above areas to nurture maturity in the field.*

Laboratory Experience

Chemistry is primarily an experimental science rather than a theoretical one. The chemistry major thus requires over 400 hours in the laboratory. While many of these lab courses are specific in topic, for students they represent an invaluable introduction and exposure to general laboratory environments and practices. Students will:

- 1. Demonstrate knowledge of and/or facility with important chemical instrumentation such as NMR, UV-vis absorption and fluorescence, FT-IR, atomic absorption/emission spectroscopy, mass spectrometry, HPLC, GC, electrophoresis, and potentiometry. Employ widely used software to analyze laboratory data, such as spreadsheets and other scientific or mathematical programs (e.g. Excel, Maple, Mathematica, Matlab).*
 - 2. Learn critical problem solving approaches to fix experiments that are giving them difficulties.*
 - 3. Demonstrate safety in the laboratory and practice environmentally sound disposal methods.*
 - 4. Work in an ethical manner and maintain professional standards.*
 - 5. Learn to prepare effective presentations of laboratory data and be able to clearly communicate scientific information in the form of laboratory reports and oral presentations.*
-

Research Experience

In senior seminar and senior research activities, students will:

1. Demonstrate a practical understanding of a variety of contemporary scientific methods.
2. Learn to use chemical information retrieval systems such as Chemical Abstracts or similar search engines.
3. Gain background information from the primary chemical literature.
4. Design their own experimental protocols and carry them out.
5. Analyze their data, and provide suggestions on future experiments as a result.
6. Communicate their results in both oral and written presentations.

I LOWER-DIVISION REQUIREMENTS**GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)**

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. CSCI 1011 is recommended for the digital literacy requirement in this major so that it can be used for Communication Skills C. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU web site by selecting a specific major under Academic Programs.

LOWER-DIVISION REQUIREMENTS (24 semester credits)

CHEM	2050	General Chemistry I (Global Systems C)
CHEM	2051	General Chemistry I Laboratory
CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Laboratory
MATH	2214	Calculus I (Research & Epistemology B)
MATH	2215	Calculus II (Research & Epistemology B)
PHYS	2050	General Physics I (Research & Epistemology C)
PHYS	2051	General Physics I Laboratory
PHYS	2052	General Physics II
PHYS	2053	General Physics II Laboratory

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

Students will satisfy this requirement by completing CHEM 4910 Senior Seminar as part of the major requirements. They may also want to consider taking COM 3500 as an elective for further writing practice.

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service Learning Course

UPPER-DIVISION MAJOR REQUIREMENTS (43 semester credits)

MATH	3306	Calculus III
CHEM	3020	Physical Chemistry I
CHEM	3022	Physical Chemistry II
CHEM	3023	Physical Chemistry Laboratory
CHEM	3030	Organic Chemistry I
CHEM	3031	Organic Chemistry I Laboratory
CHEM	3032	Organic Chemistry II
CHEM	3033	Organic Chemistry II Laboratory
CHEM	3040	Quantitative Analysis
CHEM	3041	Quantitative Analysis Laboratory
CHEM	3042	Instrumental Analysis
CHEM	3043	Instrumental Analysis Laboratory
CHEM	3060	Inorganic Chemistry
CHEM	4030	Biochemistry I
CHEM	4031	Biochemistry I Laboratory
CHEM	4032	Biochemistry II
CHEM	4033	Biochemistry II Laboratory
CHEM	4910	Senior Seminar
CHEM	4911	Senior Research

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

Students who maximize overlap will need 18 semester credits. Recommended courses include BIOL 4040 Environmental Microbiology, CHEM 3050 Environmental Chemistry, CHEM 4020 Organic Synthesis, CHEM 4054 Aquatic Chemistry, CHEM 6310 Marine Natural Products Chemistry, MATH 3305 Linear Algebra, MATH 3307 Differential Equations, PHYS 2054 General Physics III – Modern Physics.

BACHELOR OF SCIENCE MAJOR: COMPUTER SCIENCE

Total credits required: 124 semester credits

The Computer Science major meets the high standards of model programs proposed by the professional organizations ACM (Association for Computing Machinery— <<http://www.acm.org>>) and IEEE (the world's largest professional association for the advancement of technology— <<http://www.ieee.org>>). The courses in the degree can be broadly divided into three areas: computer languages and problem-solving; software design (systems analysis, database design, and applications); and computer organization (hardware technology, operating systems, and data communications). The wide range of courses offered includes foundational core courses as well as exciting and important contemporary topics. A senior project allows students to apply all the skills and knowledge acquired throughout the program to a challenging and relevant software problem. The curriculum is designed to provide students with excellent preparation for high-demand jobs in the growing field of computer science, or for further graduate studies.

PROGRAM OBJECTIVES

Students who major in Computer Science will:

- 1. Apply appropriate problem-solving strategies, programming constructs, and data types for designing and developing algorithms and computer programs.*
- 2. Demonstrate knowledge of mathematical foundations of computer science, such as discrete mathematics, and apply logic and proof techniques in solving problems.*
- 3. Analyze and demonstrate knowledge of fundamental algorithms such as sorting and graph algorithms, algorithmic strategies, fundamental data structures, and complexity classes; determine complexity measures for algorithms.*
- 4. Apply data modeling and database design techniques to develop relational database systems.*
- 5. Demonstrate knowledge of fundamental principles of data communications, networking, and distributed-systems; apply this knowledge to systems that use the Internet or other networks.*
- 6. Demonstrate knowledge of digital representations of information, digital logic principles and components, and digital architectures and organization.*
- 7. Describe and apply principles of computer operating systems, including memory management and resource scheduling.*
- 8. Employ professional software development models, testing principles, documentation techniques, team work, and project management skills for building software applications that include quality control, scalability, reliability, maintainability, and usability.*
- 9. Be prepared to undertake graduate study or professional work in any of a broad range of computer-related positions and possibly involving collaboration with other disciplines.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
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2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU web site by selecting a specific major under Academic Programs.

PREREQUISITE COURSES (0-9 SEMESTER CREDITS):

The number of credits required depends on the students' preparation. Some students may be able to go directly into the lower-division requirements of CSCI 2911 and MATH 2214.

CSCI 1911 Foundations of Programming

MATH 1130 Pre-Calculus I and MATH 1140 Pre-Calculus II; or MATH 1150 Pre-Calculus I & II Accelerated

LOWER-DIVISION REQUIREMENTS (30-32 semester credits)

CSCI 1301 Discrete Math for Computer Science

CSCI 2911 Computer Science I

CSCI 2912 Computer Science II

CSCI 2913 Program Problem Solving

CSCI 2916 Computer Science I Lab

MATH 1123 Statistics (Research and Epistemology C)

MATH 2214 Calculus I (Research and Epistemology B)

MATH 2215 Calculus II (Research and Epistemology B)

Take either the *College Physics series*:

PHYS 2030 College Physics I (Research and Epistemology C)

PHYS 2031 College Physics I Laboratory

PHYS 2032 College Physics II

PHYS 2033 College Physics II Laboratory

or the *General Physics series*:

PHYS 2050 General Physics I (Research and Epistemology C)

PHYS 2051 General Physics I Laboratory

PHYS 2052 General Physics II

PHYS 2053 General Physics II Laboratory

II UPPER-DIVISION REQUIREMENTS**UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)**

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

COM 3420 Business Communication

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Students will meet this requirement by taking CSCI 4911 (a service-learning course) as part of the major.

UPPER-DIVISION MAJOR REQUIREMENTS (36 semester credits)

CSCI	3001	Assembly Language and Computer Systems Programming
CSCI	3101	Algorithms
CSCI	3211	Systems Analysis
CSCI	3301	Database Technologies
CSCI	3401	Data Communication
CSCI	3501	Computer Organization
CSCI	3601	Operating Systems
CSCI	37xx	Any upper-division programming language course
CSCI	4911	Software Project I

Plus three upper-division CSCI courses

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF SCIENCE
MAJOR: DIPLOMACY AND MILITARY STUDIES

Total credits required: 124 semester credits

The diplomacy and military studies major at Hawai'i Pacific University is designed to provide students with a solid foundation in the fields of historical and political studies and their various approaches and methodologies in order to understand better the role of the military as an institution within society. The program of study is constructed to give students historical, ethical, and practical perspectives on military affairs. Students enrolled in the program take a variety of courses that provide a broad context both in terms of chronology and geography. The B.S. in diplomacy and military studies develops the skills, base of knowledge, and moral awareness that will serve as preparation for a career as a leader, whether in today's military or in the private sector. Those same skills and knowledge base, however, are also useful in pursuing a graduate degree in history, political science, international relations, or law.

PROGRAM OBJECTIVES

Students who major in diplomacy and military studies will be able to:

- 1. Discuss and apply the various methodologies and approaches to the study of history, political science, and international relations in a military context.*
- 2. Place questions and issues concerning the role of the military within their chronological and geographical context to serve as a foundation for more in-depth inquiries.*
- 3. Make use of critically reflective tools for interpreting pertinent historical, cultural, philosophical, and political issues.*
- 4. Articulate the moral and ethical concerns raised through the study of the relationship of the military to society and technology.*
- 5. Appreciate the importance of the military as an instrument for the preservation of peace rather than the waging of war.*
- 6. Serve as responsible, moral leaders.*
- 7. Be prepared to undertake graduate study in history, political science, international relations, and related fields.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
 2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
 3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <http://www.hpu.edu/overlap>.
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LOWER-DIVISION MAJOR REQUIREMENTS (19 SEMESTER CREDITS)

History (6 credits):

HIST 2001 History of World Cultures to 1500 (World Cultures A) or HIST 2401 US History to 1877 (World Cultures C)

HIST 2002 Global Historical Experiences since 1500 (Global Systems B) or HIST 2402 US History since 1865 (World Cultures B)

Political Science (6 credits)

Any two of the following:

PSCI 1400 American Political System (Values and Choices C)

PSCI 2000 Intro to Politics (Values and Choices A)

PSCI 2500 World Politics (Values and Choices B)

Strategic and Security Studies (3 credits)

STSS 2601 War and Civilization (World Cultures B)

Language requirements (4 credits)

One semester in any Modern Language (ARB, CHIN, FR, HAWN, JPE, KOR, or SPAN).

Students may want to continue their language study using unrestricted electives. (The semester of language satisfies Communication Skills B)

II UPPER-DIVISION REQUIREMENTS**UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)**

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

HIST 3900 Research and Writing Across Time and Culture

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Global Citizenship course from these alphas: ANTH, HIST, HUM, PHIL, or PSY; all other courses by permission only

UPPER-DIVISION MAJOR REQUIREMENTS (24 SEMESTER CREDITS)

HIST 3661 History of Warfare to 1500

HIST 3662 War and Society since 1500

HIST 3666 U.S. Military History

HIST 4661 History of Military Thought

HIST 4961 Seminar in History: Military History

PSCI 3100 International Relations

PSCI 3412 American Foreign Policy

PSCI 4051 Comparative Politics

UPPER-DIVISION MAJOR ELECTIVES (18 – 22 SEMESTER CREDITS)**For students not in the ROTC program (18 credits)**

Six courses chosen from the following, or other pre-approved courses:

COM 3500 Technical Communication

HIST 3222 Europe in the Age of Revolution or HIST 2630 History of Science and Technology

HIST	3231	Europe in the 20 th Century or HIST 3252 Modern Russian History
HIST	3411	U.S.: Jackson to Civil War
HIST	3441	U.S. History Since World War II
HIST	3501	Islam and the Middle East
HIST	3676	U.S. Diplomatic History
LAW	3200	International Law
PSCI	3301	Major Asian Political Systems or PSCI 3310 East Asian International Relations
PSCI	3411	The United States Presidency
PSCI	3630	National and International Security
PSCI	3650	Intelligence Studies
PSCI	4061	Political Development
PSCI	4201	European Union

For students in the ROTC program (22 credits)

MIL	3050	Advanced Leadership Management I or AIR 3510 Air Force Leadership & Management I
MIL	3060	Advanced Leadership Management II or AIR 3520 Air Force Leadership & Management II
MIL	4050	Seminar in Leadership Management I or AIR 4010 National Security Forces in Contemporary American Society I
MIL	4060	Seminar in Leadership Management II or AIR 4020 National Security Forces in Contemporary American Society II

Plus two courses (6 credits) from the list of electives for students not in ROTC above

III UNRESTRICTED ELECTIVES

The total number of unrestricted elective credits required will vary depending on the degree of overlap between general education and major requirements and whether the student is in the ROTC program. Students must complete enough college-level courses to total 124 or more credits. Students in ROTC will need to take the prerequisites for the Military Science courses as well as MIL 3070 Advanced ROTC Camp or AIR 3040/3060 Field Training as part of their unrestricted electives.

BACHELOR OF SCIENCE

MAJOR: ENVIRONMENTAL SCIENCE

Total credits required: 124 semester credits

The environmental science major prepares students for advanced studies or careers in the private and public sectors as environmental scientists. Students selecting this major take a rigorous series of lower-division courses in chemistry, physics, biology, earth system science, and mathematics as a foundation for advanced courses in environmental science. In addition, students take upper-division courses in biology and chemistry which provides breadth of perspective for examining environmental issues. Upper-division coursework in communication and environmental ethics provides additional understanding, skills, and perspective for approaching environmental issues.

Environmental science majors also have opportunities to choose from a range of field-based practicum, internship, and career experiences with environmental science companies or institutions.

PROGRAM OBJECTIVES

Students who major in environmental science will:

- 1. Understand the factual base, processes and relationships that constitute a working foundation in the environmental sciences.*
- 2. Understand the social, economic, political and legal framework in which environmental issues are enmeshed.*
- 3. Critically analyze and formulate possible solutions to complex environmental issues that include consideration of social, economic, and political as well as scientific issues.*
- 4. Access, comprehend, and communicate information to and from the many audiences required by a practitioner in field of environmental science.*
- 5. Develop a working knowledge of techniques used to gather and analyze information in environmental studies, including project design, sampling, measurement, geographic image interpretation, hazardous materials concerns, statistical and graphical analysis, and other computational skills.*
- 6. Understand divergent ethical views of environmental issues, distinguish them from scientific or legal viewpoints, formulate their own environmental ethic, and articulate it to others.*
- 7. Be well-prepared for graduate studies in a related discipline or for entry-level positions in the discipline.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
 2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
 3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available.
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These potential overlaps are indicated parenthetically after the name of the course in the list of lower division major requirements. CSCI 1011 is recommended for the digital literacy requirement in this major so that it can also be used for Communication Skills C. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU web site by selecting a specific major under Academics.

LOWER-DIVISION MAJOR REQUIREMENTS (45-47 semester credits)

BIOL	2050	General Biology I
BIOL	2051	General Biology I Laboratory
BIOL	2052	General Biology II (Global Systems A)
BIOL	2053	General Biology II Laboratory
CHEM	2050	General Chemistry I (Global Systems C)
CHEM	2051	General Chemistry I Laboratory
CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Laboratory
ECON	2010	Principles of Microeconomics (Values and Choices B) or ECON 2015 Principles of Macroeconomics (Values and Choices C)
ENVS	2000	Principles of Environmental Science
ENVS	2001	Principles of Environmental Science Laboratory
GEOL	2000	Physical Geology: The Science of Earth
MATH	1123	Statistics (Research & Epistemology C)
MATH	2214	Calculus I (Research & Epistemology B)
MATH	2215	Calculus II; MATH 3305 Linear Algebra; or BIOL 4090 Biometry*

College Physics Series:

PHYS	2030	College Physics I (Research & Epistemology C)
PHYS	2031	College Physics I Laboratory
PHYS	2032	College Physics II
PHYS	2033	College Physics II Laboratory

Students planning on graduate studies should take the General Physics Series instead of the College Physics Series:

PHYS	2050	General Physics I (Research & Epistemology C)
PHYS	2051	General Physics I Laboratory
PHYS	2052	General Physics II
PHYS	2053	General Physics II Laboratory

*Students planning on graduate studies should take MATH 2215 Calculus II. BIOL 4090 can be counted as a lower division requirement or as a major elective, but not for both. If student was exempted from MATH 2214, either MATH 2215 or BIOL 4090 can also satisfy Research & Epistemology B.

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

COM 3500 Technical Communication or BIOL 3080 Ecology and 3081 Ecology Laboratory

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

PHIL 3651 Environmental Ethics

UPPER-DIVISION MAJOR REQUIREMENTS (30 SEMESTER CREDITS)

ANTH 3115 Culture, Religion and the Environment
 BIOL 3080 Ecology
 CHEM 3050 Environmental Chemistry
 ENVS 3002 Applications of Environmental Science
 ENVS 3003 Applications of Environmental Science Laboratory
 ENVS 3010 Environmental Impact Analysis
 ENVS 3030 Earth Systems and Global Change
 ENVS 4000 Methods of Environmental Science
 ENVS 4001 Methods of Environmental Science Laboratory
 ENVS 4400 Environmental Science Seminar
 GEOL 3020 Hydrogeology
 MGMT 3600 Natural Resource Management

UPPER-DIVISION MAJOR ELECTIVES (6-8 SEMESTER CREDITS)

Choose at least six credits from the following including at least one laboratory course:

BIOL 3010 Hawaiian Natural History
 BIOL 3020 Plant Biology
 BIOL 3021 Plant Biology Laboratory
 BIOL 3030 Comparative Animal Physiology
 BIOL 3031 Comparative Animal Physiology Laboratory
 BIOL 3034 Human Physiology
 BIOL 3050 Genetics; or BIOL 3054 Evolutionary Genetics
 BIOL 3060 Marine Invertebrate Zoology
 BIOL 3061 Marine Invertebrate Zoology Laboratory
 BIOL 3070 Marine Vertebrate Zoology
 BIOL 3071 Marine Vertebrate Zoology Laboratory
 BIOL 3081 Ecology Laboratory
 BIOL 4090 Biometry
 BIOL 4040 Environmental Microbiology; or BIOL 3040 General Microbiology
 BIOL 4041 Environmental Microbiology Laboratory; or BIOL 3041 General Microbiology Laboratory
 CHEM 3030 Organic Chemistry I
 CHEM 3031 Organic Chemistry I Laboratory
 CHEM 3032 Organic Chemistry II
 CHEM 3033 Organic Chemistry II Laboratory
 CHEM 3040 Quantitative Analysis
 CHEM 3041 Quantitative Analysis Laboratory

CHEM	4054	Aquatic Chemistry
ENVS	4600	Environmental Science Research; or ENVS 4950 Environmental Science Practicum (Students planning on graduate studies should take ENVS 4600)
GEOL	3010	Mineralogy
GEOL	3030	Sedimentology
GEOL	3040	Geochemistry
LAW	3300	Environmental Law and Policy

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF SCIENCE MAJOR: MARINE BIOLOGY

The marine biology major is composed of a rigorous sequence of courses leading to the Bachelor of Science degree. Students prepare for advanced work by taking a year (two semesters) each of general biology, general chemistry, and college physics, all with laboratory components. Mathematics preparation extends through integral calculus and statistics. Two practical courses, fieldwork safety techniques and oceanographic field techniques, plus two semesters of general oceanography, with laboratory and field work, complete the lower-division requirements. Advanced courses ranging from molecular biology to ecology offer students breadth and depth across the spectrum of modern biology and its marine applications. Laboratory and field work take advantage of Hawai'i's tropical and oceanic setting and its wealth of marine life. The University's 42-foot research vessel, Kaholo, supports small classes in advanced studies from fringing coral reefs in Kaneohe Bay to the deep sea only a few hours away. Based on superior achievement and faculty recommendation, students may participate in an honors-level research project during their final semester. Completion of the marine biology major prepares students to enter private- or public-sector and domestic or international careers in fields such as living marine resource management, marine environmental analysis and protection, and interpretation or teaching in biology and marine science. Students who aim for future leadership in marine biology also achieve the academic preparation to pursue a master's or doctoral degree in their field.

PROGRAM OBJECTIVES

Students majoring in marine biology will:

1. *Understand the fundamental principles in the biological and the physical sciences.*
2. *Apply and integrate scientific principles to complex biological problems in the marine environment.*
3. *Plan and implement observational and experimental studies of marine organisms and ecosystems and analyze the data obtained from these studies using appropriate mathematical and statistical techniques.*
4. *Communicate scientific ideas effectively in written and oral formats using appropriate computer applications for data analysis and presentation.*
5. *Find published information from a variety of printed and electronic sources.*
6. *Use a biological perspective to analyze complex problems in the marine environment.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
 2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
 3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the
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course in the list of lower division major requirements. CSCI 1011 is recommended for the digital literacy requirement in this major so that it can also be used for Communication Skills C. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

LOWER-DIVISION MAJOR REQUIREMENTS (40-42 semester credits)

BIOL	2050	General Biology I
BIOL	2051	General Biology I Laboratory
BIOL	2052	General Biology II (Global Systems A)
BIOL	2053	General Biology II Laboratory
CHEM	2050	General Chemistry I (Global Systems C)
CHEM	2051	General Chemistry I Laboratory
CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Laboratory
MARS	1020	Oceanographic Field Techniques
MARS	2062	Marine Biology
MARS	2063	Marine Biology Laboratory
MATH	1123	Statistics (Research & Epistemology C)
MATH	2214	Calculus I (Research & Epistemology B)
MATH	2215	Calculus II

Either the College Physics Series

PHYS	2030	College Physics I (Research & Epistemology C)
PHYS	2031	College Physics I Laboratory
PHYS	2032	College Physics II
PHYS	2033	College Physics II Laboratory

or the General Physics Series:

PHYS	2050	General Physics I (Research & Epistemology C)
PHYS	2051	General Physics I Laboratory
PHYS	2052	General Physics II
PHYS	2053	General Physics II Laboratory

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (7 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (4 credits)

This requirement will be fulfilled when students take BIOL 3080 Ecology and BIOL 3081 Ecology Laboratory as part of the major

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course

UPPER-DIVISION MAJOR REQUIREMENTS (43-47 SEMESTER CREDITS)

BIOL	3030	Comparative Animal Physiology
BIOL	3054	Evolutionary Genetics
BIOL	3060	Marine Invertebrate Zoology; or BIOL 3070 Marine Vertebrate Zoology
BIOL	3080	Ecology
BIOL	3081	Ecology Laboratory

BIOL	4030	Cell and Molecular Biology; or BIOL 4040 Environmental Microbiology
CHEM	3010	Fundamental Organic Chemistry; or CHEM 3030/CHEM 3032 (Organic Chemistry I, II) [The year-long chemistry series is recommended for students planning to attend graduate school].
MARS	3000	General Oceanography I
MARS	3001	General Oceanography I Laboratory
MARS	3002	General Oceanography II
MARS	3003	General Oceanography II Laboratory
MARS	4050	Marine Ecology
MARS	4910	Seminar: Marine Biology

Plus a minimum of three laboratory courses chosen from the following:

BIOL	3031	Comparative Animal Physiology Laboratory
BIOL	3061	Marine Invertebrate Zoology Laboratory
BIOL	3071	Marine Vertebrate Zoology Laboratory
BIOL	4031	Cell and Molecular Biology Laboratory
BIOL	4041	Environmental Microbiology Laboratory
MARS	4051	Marine Ecology Laboratory

Plus an additional eight credits chosen from the following:

BIOL	3010	Hawaiian Natural History
BIOL	3020	Plant Biology
BIOL	3021	Plant Biology Laboratory
BIOL	3024	Biology and Diversity of Hawaiian Algae
BIOL	3025	Hawaiian Algae Biology Laboratory
BIOL	4090	Biometry
BIOL	4030	Cell and Molecular Biology
BIOL	4031	Cell and Molecular Biology Laboratory
BIOL	4040	Environmental Microbiology
BIOL	4041	Environmental Microbiology Laboratory
BIOL	4090	Biometry
CHEM	3030	Organic Chemistry I
CHEM	3050	Environmental Chemistry
CHEM	4030	Biochemistry I
GEOL	3xxx	Upper-Division Geology course on approval
MARS	3xxx	3000-level marine science course
MARS	4xxx	4000-level marine science course
MARS	4051	Marine Ecology Laboratory
MARS	4600	Honors Research
MARS	4950	Practicum
MATH	3xxx	Upper-Division Math Course on approval

III UNRESTRICTED ELECTIVES (0 semester credits)

This program totals more than 124 semester credits so no additional credits are required.

BACHELOR OF SCIENCE MAJOR: MATHEMATICS

The HPU bachelor of science in mathematics major is a comprehensive degree program that provides students with four options depending on their interests and future plans.

The applied mathematics concentration is an interdisciplinary major that has applications to the physical sciences, statistics, medical research, biological research, environmental studies, economics, actuarial science, teaching operations research, management science, the behavioral and social sciences, education research, and computer science. The successful graduate will be prepared for employment in industry, government, commerce, or further graduate study.

The mathematics education concentration provides students with a solid foundation in undergraduate mathematics with specialized courses to prepare them to pursue entry into a secondary education post-graduate program for licensure and/or a masters degree in education with a mathematics specialty. This concentration also helps to prepare students for passing the Praxis II Math Content exam for state licensure, for pursuing a position in the Hawaii DOE as an emergency hire, and for pursuing private school mathematics teaching positions.

The pure mathematics concentration provides students more choices of mathematics classes than the other concentrations, thereby allowing students to more fully pursue interests that could lead to a graduate school specialty. The student pursuing the pure mathematics concentration will also be prepared to enter a graduate teacher education program in education.

The 3-2 engineering program concentration is the first portion of a five-year program leading to dual degrees in mathematics and engineering. Students in the 3-2 engineering concentration will receive a well-rounded background in liberal arts and will have a solid foundation in both mathematics and science. The successful major will be fully prepared to continue engineering studies at either Washington University in St. Louis or the University of Southern California in Los Angeles.

The University of Southern California offers engineering degrees in aerospace engineering, biomedical engineering, chemical engineering, civil engineering, computer science, electrical engineering, environmental engineering, industrial and systems engineering, material science and engineering, mechanical engineering, and petroleum engineering.

Washington University offers engineering degrees in chemical engineering, civil engineering, computer science, electrical engineering, engineering and public policy, mechanical engineering, and systems science and mathematics.

**BACHELOR OF SCIENCE
MAJOR: MATHEMATICS**

Concentration: Applied Mathematics

Total credits required: 124 semester credits

PROGRAM OBJECTIVES

Students who major in mathematics with an applied mathematics concentration will:

1. *Recognize and understand a core of fundamental mathematical operational skills.*
2. *Apply mathematical problem-solving skills to a variety of real-world problems.*
3. *Experience the application of mathematics in various multi-cultural contexts.*
4. *Employ appropriate research methods in exploring mathematical skills and their use in problem solving.*
5. *Develop comprehensive oral and written communication skills in the pursuit of a broad-based mathematics foundation.*
6. *Use mathematics-based skills in both individualized and team-oriented applications.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. CSCI 1011 is recommended for the digital literacy requirement in this major so that it can also be used for Communication Skills C. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

PREREQUISITE COURSES (0-9 SEMESTER CREDITS):

The number of credits required depends on the students' preparation. Some students may be able to go directly into the lower division requirements of CSCI 2911 and MATH 2214.

CSCI 1911 Foundations of Programming

MATH 1130 Pre-Calculus I and MATH 1140 Pre-Calculus II ; or MATH 1150 Pre-Calculus I & II Accelerated

LOWER-DIVISION MAJOR REQUIREMENTS (37 SEMESTER CREDITS)

CHEM 2050 General Chemistry I (Global Systems C)

CHEM 2051 General Chemistry I Laboratory

CHEM 2052 General Chemistry II

CHEM 2053 General Chemistry II Laboratory

CSCI 2911 Computer Science I

CSCI 2912 Computer Science II

CSCI	2916	Computer Science I Lab
ECON	2010	Principles of Microeconomics (Values and Choices B) or ECON 2015 Principles of Macroeconomics (Values and Choices C)
MATH	2007	Math across the Ages (World Cultures A)
MATH	2214	Calculus I (Research and Epistemology B)
MATH	2215	Calculus II (Research and Epistemology B)
PHYS	2050	General Physics I (Research & Epistemology C)
PHYS	2051	General Physics I Laboratory
PHYS	2052	General Physics II
PHYS	2053	General Physics II Laboratory

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

COM 3500 Technical Communication or COM 3400 Communicating Professionally

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course

Note: If MATH 4920 is chosen as the upper-division citizenship requirement, it could also be counted as the major elective.

UPPER-DIVISION MAJOR REQUIREMENTS (33 SEMESTER CREDITS)

MATH 3110 Foundations of Logic with Applications

MATH 3301 Discrete Math

MATH 3305 Linear Algebra

MATH 3306 Calculus III

MATH 3307 Differential Equations

MATH 3460 Probability Theory

MATH 3470 Engineering Statistics

MATH 3500 Numerical Methods

MATH 4450 Complex Analysis

MATH 4470 Methods of Applied Mathematics I

MATH 4471 Methods of Applied Mathematics II

MAJOR ELECTIVE (3 – 4 SEMESTER CREDITS)

Choose one of the following:

CHEM 3030/31 Organic Chemistry I

Any Upper-Division Mathematics Course

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF SCIENCE
MAJOR: MATHEMATICS
Concentration: Mathematics Education
 Total credits required: 124 semester credits

PROGRAM OBJECTIVES

Students who major in mathematics with a mathematics education concentration will:

1. *Recognize and understand a core of fundamental mathematical operational skills.*
2. *Apply mathematical problem-solving skills to a variety of real-world problems.*
3. *Experience the application of mathematics in various multi-cultural contexts.*
4. *Employ appropriate research methods in exploring mathematical skills and their use in problem solving.*
5. *Develop comprehensive oral and written communication skills in the pursuit of a broad-based mathematics foundation.*
6. *Use mathematics-based skills in both individualized and team-oriented applications.*

I LOWER-DIVISION REQUIREMENTS**GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)**

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. CSCI 1041 is recommended for the digital literacy requirement in this major so that it can also be used for Global Systems C. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

PREREQUISITE COURSES (0-9 SEMESTER CREDITS)

The number of credits required depends on the students' preparation. Some students may be able to go directly into the lower division requirements of CSCI 2911 and MATH 2214.

CSCI 1911 Foundations of Programming

MATH 1130 Pre-Calculus I and MATH 1140 Pre-Calculus II ; or MATH 1150 Pre-Calculus I & II Accelerated

LOWER-DIVISION MAJOR REQUIREMENTS (41 SEMESTER CREDITS)

COM 2000 Public Speaking (Communication Skills C)

CSCI 2911 Computer Science I

CSCI 2912 Computer Science II

CSCI 2916 Computer Science I Lab

ECON 2010 Principles of Microeconomics (Values and Choices B) or ECON 2015 Principles of Macroeconomics (Values and Choices C)

MATH	1110	Introduction to Mathematical Logic (Research & Epistemology B)
MATH	1123	Statistics (Research and Epistemology C)
MATH	2007	Math across the Ages (World Cultures A)
MATH	2214	Calculus I (Research & Epistemology B)
MATH	2215	Calculus II (Research & Epistemology B)
PHYS	2050	General Physics I (Research & Epistemology C)
PHYS	2051	General Physics I Laboratory
PHYS	2052	General Physics II
PHYS	2053	General Physics II Laboratory
PSY	1000	Introduction to Psychology (Research & Epistemology C)

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

COM 3500 Technical Communication or COM 3400 Communicating Professionally

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

This requirement will be met when students take MATH 4920 as part of the major.

UPPER-DIVISION MAJOR REQUIREMENTS (33 SEMESTER CREDITS)

MATH	3220	College Geometry
MATH	3301	Discrete Math
MATH	3305	Linear Algebra
MATH	3306	Calculus III
MATH	3316	Problem Solving for Mathematics Teaching
MATH	3330	Abstract Algebra
MATH	3450	Real Analysis
MATH	4920	Math Education Practicum
PSY	3134	Educational Psychology

Plus any two additional upper division MATH courses

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

NOTE #1: Students completing a Mathematics Education concentration who do not need to take the prerequisite courses may want to concentrate their unrestricted electives in an area that would earn them a minor in another field of their choice.

NOTE #2: Specific courses in the HPU Teacher Education Program may be taken in the senior year and applied simultaneously to the B.S. in Mathematics as electives and to HPU's post-graduate teacher education degree. These courses are worth 4 credits each (3 + 1 Field Experience) so 4 or 8 credits could be earned. Completing these courses while earning an undergraduate degree accelerates a student's work in HPU's post-graduate degree program leading to teacher licensure with the option of also earning a master's degree in education.

BACHELOR OF SCIENCE MAJOR: MATHEMATICS

Concentration: Pure Mathematics

Total credits required: 124 semester credits

PROGRAM OBJECTIVES

Students who major in mathematics with a pure mathematics concentration will:

1. *Recognize and understand a core of fundamental mathematical operational skills.*
2. *Apply mathematical problem-solving skills to a variety of real-world problems.*
3. *Experience the application of mathematics in various multi-cultural contexts.*
4. *Employ appropriate research methods in exploring mathematical skills and their use in problem solving.*
5. *Develop comprehensive oral and written communication skills in the pursuit of a broad-based mathematics foundation.*
6. *Use mathematics-based skills in both individualized and team-oriented applications.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <http://www.hpu.edu/overlap>.

PREREQUISITE COURSES (0-9 SEMESTER CREDITS)

The number of credits required depends on the students' preparation. Some students may be able to go directly into the lower division requirements of CSCI 2911 and MATH 2214.

CSCI 1911 Foundations of Programming

MATH 1130 Pre-Calculus I and MATH 1140 Pre-Calculus II ; or MATH 1150 Pre-Calculus I & II Accelerated

LOWER-DIVISION MAJOR REQUIREMENTS (48 SEMESTER CREDITS)

CSCI 2911 Computer Science I

CSCI 2912 Computer Science II

CSCI 2916 Computer Science I Lab

ECON 2010 Principles of Microeconomics (Values and Choices B) or ECON 2015 Principles of Macroeconomics (Values and Choices C)

MATH 1110 Introduction to Mathematical Logic (Research & Epistemology B)

MATH 2007 Math across the Ages (World Cultures A)

MATH 2214 Calculus I (Research and Epistemology B)

MATH	2215	Calculus II (Research and Epistemology B)
PHYS	2050	General Physics I (Research & Epistemology C)
PHYS	2051	General Physics I Laboratory
PHYS	2052	General Physics II
PHYS	2053	General Physics II Laboratory

Four semesters of the same modern language (one semester will satisfy Communication Skills B).

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

COM 3500 Technical Communication or COM 3400 Communicating Professionally

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course

UPPER-DIVISION MAJOR REQUIREMENTS (30 SEMESTER CREDITS)

MATH	3110	Foundations of Logic with Applications OR MATH 3320 Set Theory
MATH	3301	Discrete Math
MATH	3305	Linear Algebra
MATH	3306	Calculus III
MATH	3307	Differential Equations
MATH	3330	Abstract Algebra
MATH	3450	Real Analysis
MATH	3460	Probability Theory OR MATH 3470 Engineering Statistics
MATH	4210	Topology
MATH	4450	Complex Analysis

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF SCIENCE
MAJOR: MATHEMATICS
Concentration: 3-2 Education Program
Total credits required: 124 semester credits

This is a five-year program of which the first three years are spent at Hawai'i Pacific University. The final two years are spent at either The University of Southern California School of Engineering in Los Angeles, California, or Washington University School of Engineering and Applied Science in St. Louis, Missouri, where the student earns a Bachelor of Science degree. Upon completion of the last two years, the student also earns a Bachelor of Science with a major in Mathematics degree from Hawai'i Pacific University.

PROGRAM OBJECTIVES

Students who major in mathematics with a 3-2 engineering program concentration will:

- 1. Recognize and understand a core of fundamental mathematical and science-based operational skills.*
- 2. Apply mathematical and science-based problem-solving skills to a variety of real-world problems.*
- 3. Experience the application of mathematics and science in various multi-cultural contexts.*
- 4. Employ appropriate research methods in exploring mathematical and science-based skills and their use in problem solving.*
- 5. Develop comprehensive oral and written communication skills in the pursuit of a broad-based mathematics and science foundation.*
- 6. Use mathematics and science-based skills in both individualized and team-oriented applications.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. CSCI 1011 is recommended for the digital literacy requirement in this major so that it can also be used for Communication Skills C. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

PREREQUISITE COURSES (0-9 SEMESTER CREDITS)

The number of credits required depends on the students' preparation. Some students may be able to go directly into the lower division requirements of CSCI 2911 and MATH 2214.

CSCI	1911	Foundations of Programming
MATH	1130	Pre-Calculus I and MATH 1140 Pre-Calculus II ; or MATH 1150 Pre-Calculus I & II Accelerated

LOWER-DIVISION MAJOR REQUIREMENTS (37 SEMESTER CREDITS)

CHEM	2050	General Chemistry I (Global Systems C)
CHEM	2051	General Chemistry I Laboratory
CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Laboratory
CSCI	2911	Computer Science I
CSCI	2912	Computer Science II
CSCI	2916	Computer Science I Lab
ECON	2010	Principles of Microeconomics (Values and Choices B) or ECON 2015 Principles of Macroeconomics (Values and Choices C)
MATH	2214	Calculus I (Research and Epistemology B)
MATH	2215	Calculus II (Research and Epistemology B)
PHYS	2050	General Physics I (Research & Epistemology C)
PHYS	2051	General Physics I Laboratory
PHYS	2052	General Physics II
PHYS	2053	General Physics II Laboratory

II UPPER-DIVISION REQUIREMENTS**UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)**

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

COM	3500	Technical Communication or COM 3400 Communicating Professionally
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UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course

UPPER-DIVISION MAJOR REQUIREMENTS (18 SEMESTER CREDITS)

MATH	3301	Discrete Math
MATH	3305	Linear Algebra
MATH	3306	Calculus III
MATH	3307	Differential Equations
MATH	4470	Methods of Applied Mathematics I
MATH	4471	Methods of Applied Mathematics II

MAJOR ELECTIVE (3 – 4 SEMESTER CREDITS)*Choose one:*

BIOL	3XXX	Any Upper-Division Biology course (Students pursuing Biomedical Engineering)
CHEM	3020	Chemical Thermodynamics and Kinetics (Students pursuing Chemical Engineering)
CSCI	3001	Assembly Language and Systems Programming (Students pursuing Computer Engineering)
ENVS	3XXX	Any upper-division Environmental Science Course (Students pursuing Environmental Engineering)

GEOL	3XXX	Any Upper-Division Geology Course (Students pursuing Civil Engineering)
MATH	3470	Engineering Statistics (Students pursuing Industrial and Systems Engineering)
PHYS	2054	General Physics III - Modern Physics (Students pursuing Electrical, Nuclear, Aerospace, Astronautical, Mechanical or Petroleum Engineering)

Note: A course in Statistics is also recommended for students pursuing Aerospace, Astronautical, Mechanical, or Petroleum Engineering. This course is not, however, currently offered at HPU. Please see Program Coordinator for more information.

III CREDITS TRANSFERRED

Enough college-level credits to reach a total of 124 semester credits must be completed at Washington University or USC and transferred back to HPU to earn the Bachelor of Science with a major in Mathematics.

BACHELOR OF SCIENCE MAJOR: OCEANOGRAPHY

The oceanography major is composed of a rigorous sequence of courses leading to the Bachelor of Science degree. Laboratory and field work take advantage of Hawai'i's oceanic setting, and its wide variety of readily accessible marine environments, ranging from small, shallow estuaries to the deep ocean, only a few hours away. The University's 42-foot research vessel, Kaholo, is used extensively for advanced field work. Based on superior achievement and faculty recommendation, students may participate in an honors-level research project during their final semester. Completion of the oceanography major prepares students to enter careers in the private or public sectors and the domestic or international fields such as marine environmental analysis and protection, natural products chemistry, coastal dynamics, and interpretation or teaching the marine sciences. Students wishing to pursue their studies at the graduate level also achieve the academic preparation to pursue a master's or doctoral degree in oceanography.

PROGRAM OBJECTIVES

Students majoring in oceanography will:

- 1. Understand the fundamental principles in the physical and biological sciences.*
- 2. Apply and integrate scientific principles from chemistry, physics, geology, and biology to understand complex processes in the marine environment.*
- 3. Plan and implement observational and experimental studies of marine systems and analyze the data obtained from these studies using appropriate mathematical and statistical techniques.*
- 4. Communicate scientific ideas effectively in written and oral formats using appropriate computer applications for data analysis and presentation.*
- 5. Find published information from a variety of printed and electronic sources.*
- 6. Use the perspective of physics, chemistry, geology and biology to understand the functioning of the marine systems.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the Common Core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower division major requirements. CSCI 1011 is recommended for the digital literacy requirement in this major so that it can also be used for Communication Skills C. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

LOWER-DIVISION MAJOR REQUIREMENTS (51 SEMESTER CREDITS)

BIOL	2050	General Biology I
BIOL	2051	General Biology I Laboratory
BIOL	2052	General Biology II (Global Systems A)
BIOL	2053	General Biology II Laboratory
CHEM	2050	General Chemistry I (Global Systems C)
CHEM	2051	General Chemistry I Laboratory
CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Laboratory
GEOL	2000	Physical Geology: The Science of Earth
MARS	1020	Oceanographic Field Techniques
MATH	1123	Statistics (Research & Epistemology C)
MATH	2214	Calculus I (Research & Epistemology B)
MATH	2215	Calculus II
PHYS	2050	General Physics I (Research & Epistemology C)
PHYS	2051	General Physics I Laboratory
PHYS	2052	General Physics II
PHYS	2053	General Physics II Laboratory

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6-7 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3-4 credits)

Any Upper Division Research and Writing Course

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course

Note: If the combination of BIOL 3080 and BIOL 3081 is chosen for the upper-division research and writing requirement and also used to fulfill a major elective, the total credits required for the degree will be reduced.

UPPER DIVISION MAJOR REQUIREMENTS (27-29 SEMESTER CREDITS)

CHEM	4054	Aquatic Chemistry
MARS	3000	General Oceanography I
MARS	3001	General Oceanography I
MARS	3002	General Oceanography II
MARS	3003	General Oceanography II Lab
MARS	4920	Seminar: Oceanography

Select 3 out of the 4 lecture/lab combinations (note: if MARS 4090 is selected, the student will choose 17 major elective credits instead of 15)

MARS	4060	Geological Oceanography
MARS	4061	Geological Oceanography Laboratory
MARS	4070	Chemical Oceanography
MARS	4071	Chemical Oceanography Laboratory
MARS	4080	Physical Oceanography
MARS	4081	Physical Oceanography Lab
BIOL	4090	Biometry

UPPER-DIVISION MAJOR ELECTIVES (15 -16 SEMESTER CREDITS)

Fifteen credits chosen from courses in the natural sciences, MATH and CSCI:

BIOL	3010	Hawaiian Natural History
BIOL	3024	Algal Biology and Diversity
BIOL	3025	Algal Biology and Diversity Lab
BIOL	3040	General Microbiology
BIOL	3041	General Microbiology Laboratory
BIOL	3060	Marine Invertebrate Zoology
BIOL	3061	Marine Invertebrate Zoology Laboratory
BIOL	3070	Marine Vertebrate Zoology
BIOL	3071	Marine Vertebrate Zoology Laboratory
BIOL	3080	Ecology
BIOL	3081	Ecology Laboratory
BIOL	4030	Cell and Molecular Biology
BIOL	4031	Cell and Molecular Biology Laboratory
BIOL	4040	Environmental Microbiology
BIOL	4041	Environmental Microbiology Laboratory
CHEM	3020	Chemical Thermodynamics and Kinetics
CHEM	3030	Organic Chemistry I
CHEM	3031	Organic Chemistry I Laboratory
CHEM	3032	Organic Chemistry II
CHEM	3033	Organic Chemistry II Laboratory
CHEM	3040	Quantitative Analysis
CHEM	3041	Quantitative Analysis Laboratory
CHEM	3050	Environmental Chemistry
CHEM	4020	Advanced Organic Chemistry
CHEM	4030	Biochemistry I
CHEM	4031	Biochemistry I Laboratory
CHEM	4032	Biochemistry II
CHEM	4033	Biochemistry II Lab
CSCI	3242	Modeling and Simulation
CSCI	3301	Database Technologies
CSCI	3401	Data Communication
CSCI	3601	Operating Systems
ENVS	3010	Environmental Impact Analysis
ENVS	3030	Earth Systems and Global Change
GEOL	3010	Mineralogy
GEOL	3020	Hydrogeology
GEOL	3030	Sedimentology
GEOL	3040	Geochemistry
GEOL	4010	Contaminant Hydrogeology
MARS	4050	Marine Ecology
MARS	4051	Marine Ecology Laboratory
MARS	4600	Honors Research
MARS	4950	Practicum
MATH	3301	Discrete Mathematics
MATH	3305	Linear Algebra
MATH	3306	Calculus III
MATH	3307	Differential Equations
MATH	3460	Probability

UNRESTRICTED ELECTIVES (0 semester credits)This major totals more than 124 credits so no additional credits are required.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION MAJOR: ACCOUNTING

Total credits required: 124 semester credits

This major is for those students who like the challenges of demystifying puzzles as well as problem solving. Students in this major are well prepared to seek positions in public accounting, private industry, government service, and not-for-profit organizations. Internships are available and may be considered as an elective for the major. In addition, the curriculum is designed to include the necessary academic content required to sit for professional examinations. To support the academic program, there is an active Accounting Club that creates opportunities to interact with practicing accountants. Alumni are employed by the Big Five, regional and local CPA firms, by public and private corporations, and by various government and non-government agencies.

PROGRAM OBJECTIVES

Students who major in Accounting will:

- 1. Understand the processes by which companies, governments, and non-profit organizations conduct and report financial activities.*
- 2. Understand accounting reports used to evaluate financial performance, analyze cash flow, and plan and control internal operations.*
- 3. Understand current Generally Accepted Accounting Principles (GAAP).*
- 4. Understand current Generally Accepted Auditing Standards (GAAS).*
- 5. Understand current federal tax laws.*
- 6. Make effective use of current accounting information systems and accounting software.*
- 7. Possess the skills and knowledge necessary to secure employment and carry out the duties normally performed by accounting majors, secure admission to graduate degree programs in accounting, or pass professional accounting examinations.*
- 8. Use ethical standards to guide personal behavior and meet professional requirements.*
- 9. Employ effective interpersonal and communications skills to work effectively in team situations, express themselves persuasively and effectively orally and in writing, and interact effectively with individuals from diverse cultures in an global environment.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
 2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
 3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.
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LOWER-DIVISION BUSINESS REQUIREMENTS (24 SEMESTER CREDITS)

ACCT	2000	Principles of Accounting I
ACCT	2010	Principles of Accounting II
ECON	2010	Principles of Microeconomics (Values and Choices B)
ECON	2015	Principles of Macroeconomics (Values and Choices C)
MATH	1123	Statistics (Research and Epistemology C)
MATH	1130	Pre-Calculus I (Research and Epistemology B)
MATH	2326	Mathematics for Decision Making
MGMT	1000	Introduction to Business

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

MGMT 3550 Business Research Methods or COM 3420 Business Communication

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course.

UPPER-DIVISION BUSINESS REQUIREMENTS (30 SEMESTER CREDITS)

CSCI	3201	Information Management Using Spreadsheets and Databases
ECON	3020	Managerial Economics
FIN	3000	Business Finance
LAW	3000	Business Law I
LAW	3110	Advanced Business Law for Accountants
MGMT	3100	Business in Contemporary Society
MGMT	3300	International Business Management or ECON 3400 International Trade and Finance or another global perspective course
MGMT	3400	Human Resource Management
MGMT	4001	Business Policy
MKTG	3000	Principles of Marketing

UPPER-DIVISION MAJOR REQUIREMENTS (24 SEMESTER CREDITS)

ACCT	3000	Intermediate Accounting I
ACCT	3010	Intermediate Accounting II
ACCT	3020	Intermediate Accounting III
ACCT	3200	Managerial Accounting
ACCT	3300	Federal Income Tax – Individuals
ACCT	3700	Accounting and Information Systems
ACCT	4100	Auditing
ACCT	Upper-division major Accounting elective	

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION MAJOR: BUSINESS ECONOMICS

Total credits required: 124 semester credits

The essential difference between economics and business economics is not in the economics training the students receive but, rather, in the other degree requirements. A student's interests and career goals should dictate the choice of one major over the other and, thus, one major cannot be considered superior to the other in any way. In comparing the two majors, the economics major is somewhat less structured and offers students a greater degree of choice in designing their overall curriculum. Business economics is more structured and provides excellent preparation for students who prefer training in the various functional areas of business such as finance, accounting, marketing, personnel, and information systems, as well as solid grounding in economic fundamentals.

PROGRAM OBJECTIVES

Students who major in business economics will:

1. *Locate economic data and understand the methods used to compile them.*
2. *Describe the current state of an economy, explain how key economic concepts and theories are used, and to summarize policy debates.*
3. *Locate published research on their topic of interest.*
4. *Identify from both academic journals and non-technical publications the important economic concepts and relevant key economic theories underlying the discussion.*
5. *Conduct an in-depth study of economic issues or events using relevant background material, economic theories, and quantitative methods.*
6. *Use economic theory and quantitative methods to answer questions, solve problems, and draw conclusions about economic issues of interest.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

LOWER-DIVISION BUSINESS REQUIREMENTS (24 SEMESTER CREDITS)

ACCT	2000	Principles of Accounting I
ACCT	2010	Principles of Accounting II
ECON	2010	Principles of Microeconomics (Values and Choices B)
ECON	2015	Principles of Macroeconomics (Values and Choices C)

MATH	1123	Statistics (Research and Epistemology C)
MATH	1130	Pre-Calculus I (Research and Epistemology B)
MATH	2326	Mathematics for Decision Making
MGMT	1000	Introduction to Business

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

MGMT 3550 Business Research Methods or COM 3420 Business Communication

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course.

UPPER-DIVISION BUSINESS REQUIREMENTS (24 SEMESTER CREDITS)

CSCI	3201	Information Management Using Spreadsheets and Databases
FIN	3000	Business Finance
LAW	3000	Business Law I
LAW	3100	Advanced Business Law for Managers
MGMT	3100	Business in Contemporary Society
MGMT	3400	Human Resource Management
MGMT	4001	Business Policy
MKTG	3000	Principles of Marketing

UPPER-DIVISION MAJOR REQUIREMENTS (24 SEMESTER CREDITS)

ECON	3010	Intermediate Microeconomics
ECON	3015	Intermediate Macroeconomics
ECON	3100	Introduction to Econometrics
ECON	3200	Industrial Organization
ECON	4900	Seminar in Economics

Plus three upper-division major electives from Economics or cognate fields

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION MAJOR: COMPUTER INFORMATION SYSTEMS

Total credits required: 124 semester credits

Designed to produce leaders in the management of information systems, this major combines a business administration core with hands-on computer training to produce graduates prepared to contribute to data processing, computer systems, and research communities. Hawai'i Pacific offers more than 40 computer science courses in languages, logic, and hardware theory taught by professors with outstanding academic credentials and years of real-world professional experience. HPU is a firm believer in providing opportunities for students to gain entry into their professions. Students therefore have opportunities to enroll in work-study and internship positions that may lead to career positions. There is also the opportunity for students to participate in career-related student organizations and honor societies. In addition to preparing students for professional employment, the Bachelor of Science in Business Administration with a major in Computer Information Systems provides the foundation for students who wish to continue their education in Hawai'i Pacific's Master of Science in Information Systems (MSIS) degree program.

PROGRAM OBJECTIVES

Students who major in computer information systems will:

1. *Prepare professionally-styled documents, apply spreadsheet analyses to business problems, and deliver technology-supported presentations.*
2. *Apply data modeling and database design techniques to develop relational database systems.*
3. *Demonstrate knowledge of fundamental principles of data communications, networking, and distributed-systems; apply this knowledge to systems that use the Internet or other networks.*
4. *Employ professional software development models, testing principles, documentation techniques, team work, and project management skills for building software applications that include quality control, scalability, reliability, maintainability, and usability.*
5. *Demonstrate understanding of the organizational management impacts of computer-based information systems on contemporary and emerging business models by applying system concepts and theories.*
6. *Design and implement computer information systems that contribute to economic development and to society by addressing functional and organizational challenges of real-world businesses.*
7. *Use information systems to evaluate overall and specific management performance with respect to quality, effectiveness, and efficiency.*
8. *Evaluate ethical issues and describe international perspectives of computer information systems in the areas of social responsibility, business liability, decision making, and the impact of advanced computer technology on businesses and other organizations.*
9. *Be prepared to undertake graduate study or professional work in any of a broad range of technology-related positions.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to

pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.

2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <http://www.hpu.edu/overlap>.

LOWER-DIVISION BUSINESS REQUIREMENTS (24 SEMESTER CREDITS)

ACCT	2000	Principles of Accounting I
ACCT	2010	Principles of Accounting II
ECON	2010	Principles of Microeconomics (Values and Choices B)
ECON	2015	Principles of Macroeconomics (Values and Choices C)
MATH	1123	Statistics (Research and Epistemology C)
MATH	1130	Pre-Calculus I (Research and Epistemology B)
MATH	2326	Mathematics for Decision Making
MGMT	1000	Introduction to Business

CSCI PREREQUISITE COURSES (0-3 SEMESTER CREDITS):

The number of credits required depends on the students' preparation. Some students may be able to go directly into the lower division requirement of CSCI 2911.

CSCI	1911	Foundations of Programming
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LOWER-DIVISION MAJOR REQUIREMENTS (10 SEMESTER CREDITS)

CSCI	1301	Discrete Math for Computer Science
CSCI	2911	Computer Science I
CSCI	2912	Computer Science II
CSCI	2916	Computer Science I Lab

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

MGMT	3550	Business Research Methods or COM 3420 Business Communication
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UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Students will meet this requirement by taking CSCI 4921 (a service-learning course) as part of the major.

UPPER-DIVISION BUSINESS REQUIREMENTS (30 SEMESTER CREDITS)

CSCI	3201	Information Management Using Spreadsheets and Databases
ECON	3020	Managerial Economics
FIN	3000	Business Finance
LAW	3000	Business Law I

LAW	3150	Advanced Business Law for Information Systems Managers/ Programmers
MGMT	3100	Business in Contemporary Society
MGMT	3300	International Business Management
MGMT	3400	Human Resource Management
MGMT	4001	Business Policy
MKTG	3000	Principles of Marketing

UPPER-DIVISION MAJOR REQUIREMENTS (18 SEMESTER CREDITS)

CSCI	3211	Systems Analysis
CSCI	3301	Database Technologies
CSCI	3401	Data Communications
CSCI	4921	Software Project Management

Plus two upper-division CSCI or business electives

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

**BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION
MAJOR: ENTREPRENEURIAL STUDIES**

Total credits required: 124 semester credits

This major provides for the study of the successful creation, development, and operation of the business enterprise. It examines the role and function of business in the American tradition, and focuses on the principles and problems of establishing, financing, operating, and expanding any business, large or small. Entrepreneurship is studied in terms of its history and evolution from both a theoretical and practical viewpoint. The nature of risk-taking, the mechanics of success, and the psychology of entrepreneurship are all topics of consideration. A complementary and comprehensive examination of the principles of franchising is also required. Students pursuing this major will be exposed to the theoretical and practical knowledge that will allow them to make a well-reasoned choice about their entrepreneurial qualities, and the need to acquire the practical knowledge required to succeed should they choose to proceed in this direction.

PROGRAM OBJECTIVES

Students who major in entrepreneurial studies will:

1. Identify and describe different forms of start up ventures.
2. Prepare and present a business plan.
3. Evaluate different sources of financing for start-up ventures.
4. Develop strategic management plans.

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

LOWER-DIVISION BUSINESS REQUIREMENTS (27 SEMESTER CREDITS)

ACCT	2000	Principles of Accounting I
ACCT	2010	Principles of Accounting II
ECON	2010	Principles of Microeconomics (Values and Choices B)
ECON	2015	Principles of Macroeconomics (Values and Choices C)
MATH	1123	Statistics (Research and Epistemology C)
MATH	1130	Pre-Calculus I (Research and Epistemology B)

MATH	2326	Mathematics for Decision Making
MGMT	1000	Introduction to Business
MGMT	2000	Principles of Management

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

MGMT	3550	Business Research Methods or COM 3420 Business Communication
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UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course.

UPPER-DIVISION BUSINESS REQUIREMENTS (27 SEMESTER CREDITS)

CSCI	3201	Information Management Using Spreadsheets and Databases
ECON	3020	Managerial Economics
FIN	3000	Business Finance
LAW	3000	Business Law I
LAW	3100	Advanced Business Law for Managers
MGMT	3100	Business in Contemporary Society
MGMT	3400	Human Resource Management
MGMT	4001	Business Policy
MKTG	3000	Principles of Marketing

UPPER-DIVISION MAJOR REQUIREMENTS (21 SEMESTER CREDITS)

FIN	3200	Personal Finance
MGMT	3200	Small Business Management
MGMT	3210	Contemporary Entrepreneurship
MGMT	3300	International Business Management; or MKTG 3420 International Marketing
MGMT	3510	Backgrounds of Business
MGMT	3610	Guerilla Marketing or MKTG 3110 Market Research

Plus one upper-division Entrepreneurial Studies from the following:

ACCT	3300	Federal Income Tax
MKTG	3430	Negotiations
MKTG	3520	Sales Force Management
MKTG	3620	Services Marketing
MKTG	3630	Retail Management
MKTG	3700	Electronic Marketing
MKTG	3710	Data Base Marketing
MKTG	4000	Integrated Marketing

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION MAJOR: FINANCE

Total credits required: 124 semester credits

Students selecting this major develop analytical and financial management skills, improve decision-making abilities, and enhance their communication skills. Students are provided with a sound foundation in the economic theory that underlies the functions of domestic and international financial markets. In addition, the curriculum encourages an intensive focus on both the application and theory of the operations of the capital markets. The Finance Club at HPU provides opportunities to use the knowledge gained in the classroom. Also, the Hawai'i Chapter of the Financial Executives Institute has annually awarded scholarships to finance majors. Finance graduates are employed by banks, credit unions, brokerage houses, financial institutions, insurance companies, and government agencies.

PROGRAM OBJECTIVES

Students who major in finance will:

1. Possess knowledge and understanding in areas such as time value of money, financial ratio analysis, risk and return analysis, financial management, valuation, financial markets and institutions, investing and portfolio management, and capital budgeting.
2. Develop oral communication skills through the presentation of case studies, individual projects, and so forth.
3. Develop written communication skills through executive summaries, case analyses, individual projects, and so forth.
4. Develop analytical thinking skills used in problem solving and financial decision-making.
5. Develop financial calculator and computer skills including familiarity with commonly used business software packages such as SPSS and Microsoft Office (Powerpoint, Excel, and Word).
6. Develop the interpersonal, teamwork, leadership, and listening skills needed to work in groups.
7. Develop qualitative understanding of current research issues in finance.
8. Develop an appreciation for where finance fits into not only the rest of the Business Administration curriculum, but to the general university educational program as well.
9. Have as a goal to pursue life-long financial learning.
10. Apply ethical standards to everyday financial situations.

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
 2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
 3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in
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the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

LOWER-DIVISION BUSINESS REQUIREMENTS (24 SEMESTER CREDITS)

ACCT	2000	Principles of Accounting I
ACCT	2010	Principles of Accounting II
ECON	2010	Principles of Microeconomics (Values and Choices B)
ECON	2015	Principles of Macroeconomics (Values and Choices C)
MATH	1123	Statistics (Research and Epistemology C)
MATH	1130	Pre-Calculus I (Research and Epistemology B)
MATH	2326	Mathematics for Decision Making
MGMT	1000	Introduction to Business

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

MGMT	3550	Business Research Methods or COM 3420 Business Communication
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UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course.

UPPER-DIVISION BUSINESS REQUIREMENTS (27 SEMESTER CREDITS)

CSCI	3201	Information Management Using Spreadsheets and Databases
ECON	3020	Managerial Economics
FIN	3000	Business Finance
LAW	3000	Business Law I
LAW	3100	Advanced Business Law for Managers
MGMT	3100	Business in Contemporary Society
MGMT	3400	Human Resource Management
MGMT	4001	Business Policy
MKTG	3000	Principles of Marketing

UPPER-DIVISION MAJOR REQUIREMENTS (21 SEMESTER CREDITS)

ECON	3100	Introduction to Econometrics
FIN	3200	Personal Finance
FIN	3300	Investments
Plus four major electives from the following		
ECON	3300	Money and Banking
ECON	3400	International Trade and Finance
FIN	3400	Financing in the Money and Capital Markets
FIN	3500	Planning: Business Owners
FIN	3510	Insurance and Financial Planning
FIN	3600	Trading Derivatives
FIN	3610	Advanced Derivatives
FIN	3650	Corporate Risk Management
FIN	3700	Real Estate Finance

RE 3000 Principles of Real Estate

Any ECON, FIN or RE appropriate upper-division elective.

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

MAJOR: GENERAL BUSINESS

Total credits required: 124 semester credits

It is possible for students to pursue a Bachelor of Science in Business Administration (B.S.B.A.) degree without selecting a particular major. This general business major allows students to select any seven business-related upper division courses.

PROGRAM OBJECTIVES

Students who major in general business will:

1. *Apply contemporary management principles to all occupations and organizations.*
2. *Describe the fundamental areas of operations in an organization.*
3. *Develop strategic management plans.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

LOWER-DIVISION BUSINESS REQUIREMENTS (27 SEMESTER CREDITS)

ACCT	2000	Principles of Accounting I
ACCT	2010	Principles of Accounting II
ECON	2010	Principles of Microeconomics (Values and Choices B)
ECON	2015	Principles of Macroeconomics (Values and Choices C)
MATH	1123	Statistics (Research and Epistemology C)
MATH	1130	Pre-Calculus I (Research and Epistemology B)
MATH	2326	Mathematics for Decision Making
MGMT	1000	Introduction to Business
MGMT	2000	Principles of Management

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

MGMT 3550 Business Research Methods or COM 3420 Business Communication

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course.

UPPER-DIVISION BUSINESS REQUIREMENTS (30 semester credits)

CSCI	3201	Information Management Using Spreadsheets and Databases
ECON	3020	Managerial Economics
FIN	3000	Business Finance
LAW	3000	Business Law I
LAW	3100	Advanced Business Law for Managers
MGMT	3100	Business in Contemporary Society
MGMT	3300	International Business Management
MGMT	3400	Human Resource Management
MGMT	4001	Business Policy
MKTG	3000	Principles of Marketing

MAJOR REQUIREMENTS (21 semester credits)

Seven business related upper-division electives

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION
MAJOR: HUMAN RESOURCE MANAGEMENT

Total credits required: 124 semester credits

The human resource management major is designed for those who have an interest in working in the functional areas of HRM and for anyone who wants to become a member of management in any profession at any level. The faculty integrates the theoretical with the practical to produce the highest quality graduates.

A business administration degree with a major in human resource management prepares the graduate for entry level professional positions ultimately leading to promising careers in HRM including employment, compensation, training and development. Career paths lead from technical HR jobs to positions in senior HR management, such as VP of Human Resources, Director of Compensation, VP of Labor Relations, Director of Employment and others. Graduates will have a strong functional HRM perspective with the behavioral skills to work effectively as HR professionals. Also, the degree prepares graduates for challenging management careers in any field.

PROGRAM OBJECTIVES

Students who major in human resource management will:

- 1. Comprehend that human resources should be managed with the same care and logic as the organization's financial material and information resources.*
- 2. Recognize that human resource decisions affect the fairness and equity of employment relationships, the attitudes and behaviors of employees, and the efficiency and effectiveness of the organization.*
- 3. Demonstrate the ability to evaluate current theoretical and research developments related to human resource management.*
- 4. Apply the theories and research to the development of strategic, managerial, and operational alternatives.*

I LOWER-DIVISION REQUIREMENTS**GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)**

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
 2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
 3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.
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LOWER-DIVISION BUSINESS REQUIREMENTS (27 SEMESTER CREDITS)

ACCT	2000	Principles of Accounting I
ACCT	2010	Principles of Accounting II
ECON	2010	Principles of Microeconomics (Values and Choices B)
ECON	2015	Principles of Macroeconomics (Values and Choices C)
MATH	1123	Statistics (Research and Epistemology C)
MATH	1130	Pre-Calculus I (Research and Epistemology B)
MATH	2326	Mathematics for Decision Making
MGMT	1000	Introduction to Business
MGMT	2000	Principles of Management

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

MGMT 3550 Business Research Methods or COM 3420 Business Communication

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course.

UPPER-DIVISION BUSINESS REQUIREMENTS (27 SEMESTER CREDITS)

CSCI	3201	Information Management Using Spreadsheets and Databases
ECON	3020	Managerial Economics
FIN	3000	Business Finance
LAW	3000	Business Law I
LAW	3120	Advanced Business Law for Human Resource Managers
MGMT	3100	Business in Contemporary Society
MGMT	3400	Human Resource Management
MGMT	4001	Business Policy
MKTG	3000	Principles of Marketing

UPPER-DIVISION MAJOR REQUIREMENTS (21 SEMESTER CREDITS)

MGMT	3420	Compensation Management
MGMT	3440	Organizational Change and Development
MGMT	3444	Training and Development in Organizations
MGMT	3650	Employment and Labor Law for Business
MGMT	3700	Human Resource Planning and Staffing
MGMT	3750	International Human Resource Management
MGMT	4000	Strategic Human Resource Management

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION
MAJOR: INTERNATIONAL BUSINESS

Total credits required: 124 semester credits

This major provides a strong foundation in the current issues and problems that international managers face. It is based on an analytical approach that is comparative in nature, and the orientation is toward practical applications. Global problems related to population, resources, energy, food, the environment, and other pertinent topics are also presented and discussed. A variety of international cultures are studied with particular attention given to values and consumer patterns in those cultures. Students will have the opportunity to analyze business activities across cultures, social and environmental consequences of location decisions, and the alternative use of resources. This major is based on an understanding of basic economic and business decision making.

PROGRAM OBJECTIVES

Students who major in international business will:

- 1. Understand the interrelated forces affecting the growth of international business activity and the basic forms of international business activity.*
- 2. Assess the role of international organizations such as the IMF on the international marketplace.*
- 3. Demonstrate an appreciation for the significance of multicultural diversity in the work force and knowledge of the complexities associated with expatriate life in the global marketplace.*
- 4. Make the strategic choices international managers face when entering new markets and competing in the overseas business environments.*
- 5. Judge the meaning of "business ethics" and its importance/significance in international business.*
- 6. Draw conclusions regarding the role of external forces such as culture on international business.*

I LOWER-DIVISION REQUIREMENTS**GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)**

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
 2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
 3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.
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LOWER-DIVISION BUSINESS REQUIREMENTS (27 SEMESTER CREDITS)

ACCT	2000	Principles of Accounting I
ACCT	2010	Principles of Accounting II
ECON	2010	Principles of Microeconomics (Values and Choices B)
ECON	2015	Principles of Macroeconomics (Values and Choices C)
MATH	1123	Statistics (Research and Epistemology C)
MATH	1130	Pre-Calculus I (Research and Epistemology B)
MATH	2326	Mathematics for Decision Making
MGMT	1000	Introduction to Business
MGMT	2000	Principles of Management

LOWER-DIVISION LANGUAGE REQUIREMENT (0-8 SEMESTER CREDITS)

Two semesters *for native English speakers* of a modern language: ARB, CHIN, FR, HAWN, JPE, KOR, or SPAN. (One semester will satisfy Communication Skills B)

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

MGMT 3550 Business Research Methods or COM 3420 Business Communication

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course.

Students can choose to count HUM 4500 as both the citizenship requirement and for a major requirement, gaining three additional credits of unrestricted electives.

UPPER-DIVISION BUSINESS REQUIREMENTS (27 SEMESTER CREDITS)

CSCI	3201	Information Management Using Spreadsheets and Databases
ECON	3020	Managerial Economics
FIN	3000	Business Finance
LAW	3000	Business Law I
LAW	3130	Advanced Business Law: International Business Transactions
MGMT	3100	Business in Contemporary Society
MGMT	3400	Human Resource Management
MGMT	4001	Business Policy
MKTG	3000	Principles of Marketing

MAJOR REQUIREMENTS (18-22 SEMESTER CREDITS)

ECON	3400	International Trade and Finance
GEOG	3730	Economic Geography; or PSCI 4051 Comparative Politics or PSCI 4061 Political Development
HIST	3326	Cultural History of Japan or HIST 3302 History of Modern China or another course in a foreign culture and society
HUM	4500	The World Problematique
MGMT	3300	International Business Management
MKTG	3420	International Marketing

Plus for non-native English speakers only, one appropriate upper-division elective or a semester of a modern language (in which they do not have native speaking ability)

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION MAJOR: MANAGEMENT

Total credits required: 124 semester credits

This major provides for the study of contemporary management principles applicable to all occupations and organizations. A strong business administration core is augmented by a wide variety of management electives directed toward the student's particular interests. Current issues and problems related to organizational environments and structures are introduced, with a strong emphasis on international business management. The place, function, and effect of small business in the U.S. economy are examined. In order to meet the challenges of today and tomorrow, an exploration of the process of change in organizations, and models of innovation are studied. A systems approach to planning and decision-making, including the management processes, information support, and the evaluation of public relations are also examined.

PROGRAM OBJECTIVES

Students who major in management will

The functions of management, organizational structures and strategic options.

- 1. Understand the role of business in society and the need for social responsibility.*
- 2. Understand the importance of ethics in business and ways to incorporate ethics into business decisions.*
- 3. Understand the process for formulating and implementing business strategy successfully.*
- 4. Understand how human resource decisions affect relationships, attitudes, and behaviors of employees and the efficiency and effectiveness of organizations.*
- 5. Understand the interrelated forces (influences at work) for the growth of international business activity and the basic forms of international business activity.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

LOWER-DIVISION BUSINESS REQUIREMENTS (27 SEMESTER CREDITS)

ACCT	2000	Principles of Accounting I
ACCT	2010	Principles of Accounting II

ECON	2010	Principles of Microeconomics (Values and Choices B)
ECON	2015	Principles of Macroeconomics (Values and Choices C)
MATH	1123	Statistics (Research and Epistemology C)
MATH	1130	Pre-Calculus I (Research and Epistemology B)
MATH	2326	Mathematics for Decision Making
MGMT	1000	Introduction to Business
MGMT	2000	Principles of Management

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

MGMT 3550 Business Research Methods (required as part of the major)

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course.

UPPER-DIVISION BUSINESS REQUIREMENTS (27 SEMESTER CREDITS)

CSCI 3201 Information Management Using Spreadsheets and Databases

ECON 3020 Managerial Economics

FIN 3000 Business Finance

LAW 3000 Business Law I

LAW 3100 Advanced Business Law for Managers

MGMT 3100 Business in Contemporary Society

MGMT 3400 Human Resource Management

MGMT 4001 Business Policy

MKTG 3000 Principles of Marketing

MAJOR REQUIREMENTS (21 SEMESTER CREDITS)

MGMT 3200 Small Business Management

MGMT 3300 International Business Management

MGMT 3440 Organizational Change and Development or PSY 3121 Applications of Psychology to Management or PSY 3122 Industrial/Organizational Psychology

MGMT 3550 Business Research Methods

MKTG 4400 Marketing Management or MGMT 3110 Production and Operations Management or ACCT 3200 Managerial Accounting or MKTG 3630 Retail Management

Plus two upper-division Management courses

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION MAJOR: MARKETING

Total credits required: 124 semester credits

This is the major for those who want a broad exposure to the fundamentals of marketing. The major prepares practitioners and managers through exposure to the many facts of marketing: development, advertising, distribution, sales of products and services. Students will gain an understanding of research, planning, analysis, communication, business relations, and decision-making techniques as they are used by marketing managers and directors. Specific courses will focus on current issues and problems, such as electronic and integrated marketing. Advertising theory, techniques, and applications are presented. Problems, issues, and alternative solutions involving product strategy, pricing, distribution, promotion, and marketing research will be discussed, from both a national and international perspective. In general, marketing principles will be applied to multinational and international business practices. Retailing and management of the marketing function will also be studied.

PROGRAM OBJECTIVES

Students who major in marketing will be prepared to:

- 1. Apply current theory in the field of marketing, especially in terms of understanding buyer behavior, defining target markets, identifying and evaluating market segments, and in demonstrating knowledge about elements of the marketing mix.*
- 2. Explain the impact of global competition, market forces and other external factors on the success and failure of specific marketing programs.*
- 3. Use market research tools and procedures to estimate market potential, conduct exploratory and descriptive research, forecast demand, and communicate research findings effectively, both orally and in written form.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <http://www.hpu.edu/overlap>.

LOWER-DIVISION BUSINESS REQUIREMENTS (24 SEMESTER CREDITS)

ACCT	2000	Principles of Accounting I
ACCT	2010	Principles of Accounting II
ECON	2010	Principles of Microeconomics (Values and Choices B)

ECON	2015	Principles of Macroeconomics (Values and Choices C)
MATH	1123	Statistics (Research and Epistemology C)
MATH	1130	Pre-Calculus I (Research and Epistemology B)
MATH	2326	Mathematics for Decision Making
MGMT	1000	Introduction to Business

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

MGMT 3550 Business Research Methods or COM 3420 Business Communication

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course.

UPPER-DIVISION BUSINESS REQUIREMENTS (27 SEMESTER CREDITS)

CSCI	3201	Information Management Using Spreadsheets and Databases
ECON	3020	Managerial Economics
FIN	3000	Business Finance
LAW	3000	Business Law I
LAW	3100	Advanced Business Law for Managers
MGMT	3100	Business in Contemporary Society
MGMT	3400	Human Resource Management
MGMT	4001	Business Policy
MKTG	3000	Principles of Marketing

UPPER-DIVISION MAJOR REQUIREMENTS (21 SEMESTER CREDITS)

All marketing majors must take the following three (3) courses:

MKTG	3100	Consumer Behavior
MKTG	3110	Market Research
MKTG	4400	Marketing Management

Plus four (4) marketing electives from the following:

MKTG	3200	Product Management and Creativity Marketing
MKTG	3420	International Marketing
MKTG	3520	Sales Force Management
MKTG	3620	Services Marketing
MKTG	3630	Retail Management
MKTG	3700	Electronic Marketing
MKTG	4000	Integrated Marketing
MKTG	4100	Customer Service

Any other appropriate upper-division MKTG elective.

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION MAJOR: PUBLIC ADMINISTRATION

Total credits required: 124 semester credits

This major analyzes the application of management and decision-making principles to public organizations. The major combines a comprehensive management foundation with an application of the practicalities of political and social policy making. The student will gain an understanding of the significant expansion of the public sector during the twentieth century, and the resulting proliferation of laws, rules and regulations, and problems associated with effective change in that environment. Specific courses will focus on the challenges of problem solving in public bureaucracies; federal, state, and municipal governments and politics; current issues and problems in constitutional law; society's response to social problems; and the administration of social agencies.

PROGRAM OBJECTIVES

Students who major in public administration will:

- 1. Apply management and decision-making principles to public organizations.*
- 2. Know the practicalities of political and social policy making.*
- 3. Understand the significant cause of the expansion of the public sector and the resulting proliferation of laws, rules and regulations, and problems associated with effective change in that environment.*
- 4. Identify the challenges of problem solving in public bureaucracies; federal, state, and municipal governments and politics.*
- 5. Recognize current issues and problems in constitutional law; society's response to social problems; and the administration of social agencies.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <http://www.hpu.edu/overlap>.

LOWER-DIVISION BUSINESS REQUIREMENTS (24 SEMESTER CREDITS)

ACCT	2000	Principles of Accounting I
ACCT	2010	Principles of Accounting II
ECON	2010	Principles of Microeconomics (Values and Choices B)
ECON	2015	Principles of Macroeconomics (Values and Choices C)

MATH	1123	Statistics (Research and Epistemology C)
MATH	1130	Pre-Calculus I (Research and Epistemology B)
MATH	2326	Mathematics for Decision Making
MGMT	1000	Introduction to Business

LOWER-DIVISION MAJOR REQUIREMENT (3 SEMESTER CREDITS)

PSCI	2000	Introduction to Politics (Values and Choices A)
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II UPPER-DIVISION REQUIREMENTS**UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)**

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

MGMT	3550	Business Research Methods or COM 3420 Business Communication
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UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course.

Note: A student who takes HUM 4500 or PSCI 3100 to meet the first major requirement may also apply the course to the Upper-Division citizenship requirement, increasing the number of unrestricted elective credits.

UPPER-DIVISION BUSINESS REQUIREMENTS (27 SEMESTER CREDITS)

CSCI	3201	Information Management Using Spreadsheets and Databases
ECON	3020	Managerial Economics
FIN	3000	Business Finance
LAW	3000	Business Law I
LAW	3100	Advanced Business Law for Managers
MGMT	3100	Business in Contemporary Society
MGMT	3400	Human Resource Management
MGMT	4001	Business Policy
MKTG	3000	Principles of Marketing

MAJOR REQUIREMENTS (21 SEMESTER CREDITS)

HUM	4500	The World Problematique or another global perspective course (e.g., PSCI 3100 International Relations or PSCI 3151 International Law)
LAW	3700	Administrative Law
PSCI	3200	Public Administration
PSCI	3415	State and Local Government
SOC	3570	American Social Welfare Policy or ECON 3310 Public Finance or MGMT 3410 Public Personnel Administration; or another public administration course.

Plus two appropriate upper-division electives

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION MAJOR: TRAVEL INDUSTRY MANAGEMENT

Total credits required: 124 semester credits

The University's TIM major, one of the largest in the Pacific, constitutes a comprehensive undergraduate major within the Bachelor of Science in Business Administration (B.S.B.A.) degree program. Few places in the world are better suited to study the hospitality industry than Hawai'i, one of the world's greatest tourist destinations. Hawai'i is a living laboratory of the travel field, offering opportunities in all facets of this dynamic, competitive industry. Hawai'i Pacific University plays an active role in Hawai'i's hospitality and travel business drawing from local industry resources, such as: guest lecturers, advisory council members, and student field experiences as part of a genuine partnership approach to travel education.

PROGRAM OBJECTIVES

Students who major in travel industry management will:

- 1. Integrate customer service and profit as they relate to travel industry management.*
- 2. Demonstrate competency in research and data analysis based on hospitality industry standard.*
- 3. Understand and appreciate the importance of environmental protection and cultural sensitivity in the hospitality industry.*
- 4. Discern and evaluate choices based on the values of trust, mutual respect, and integrity.*
- 5. Possess teamwork, leadership, and management skills.*
- 6. Communicate effectively in both verbal/non-verbal and written modes.*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower-division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

LOWER-DIVISION BUSINESS REQUIREMENTS (30 SEMESTER CREDITS)

ACCT	2000	Principles of Accounting I
ACCT	2010	Principles of Accounting II
ECON	2010	Principles of Microeconomics (Values and Choices B)
ECON	2015	Principles of Macroeconomics (Values and Choices C)
MATH	1123	Statistics (Research and Epistemology C)

MATH	1130	Pre-Calculus I (Research and Epistemology B)
MATH	2326	Mathematics for Decision Making
MGMT	1000	Introduction to Business
TIM	1010	Introduction to the Hotel and Travel Industry
TIM	2010	Applied Methods in the Hotel and Travel Industry

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

MGMT 3550 Business Research Methods or COM 3420 Business Communication

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

Any Upper-Division Global Citizenship or Service-Learning course.

UPPER-DIVISION BUSINESS REQUIREMENTS (21 SEMESTER CREDITS)

CSCI	3201	Information Management Using Spreadsheets and Databases
ECON	3020	Managerial Economics
MGMT	3100	Business in Contemporary Society
MGMT	3400	Human Resource Management
MGMT	4001	Business Policy
MKTG	3000	Principles of Marketing
TIM	4635	Advanced Business Law: Hotel and Travel Law

MAJOR REQUIREMENTS (21 semester credits)

TIM	3110	Hotel and Resort Management
TIM	3210	Food and Beverage Management
TIM	3610	Travel Industry Marketing
TIM	4310	Passenger Transportation Management
TIM	4410	Destination Development and Marketing
TIM	4620	Travel Industry Financial Analysis and Controls

Plus one upper-division elective in TIM

TIM WORK EXPERIENCE (600 hours of work experience: 3 semester credits)

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF SCIENCE MAJOR: HEALTH SCIENCE

Total credits required: 124 semester credits

The Health Science program provides graduates with the knowledge and essential skills necessary to become active members of the health care workforce. Based on a broad liberal arts foundation, the curriculum focuses on the basic health sciences and provides a strong base for anyone wishing to pursue a career in health. Upper-division core courses that require students to explore epidemiological factors, health policy issues, health education planning, health promotion and wellness management, and health research and evaluation methods will be offered. A required capstone and co-requisite internship provide the opportunity for students to build on prerequisite coursework, provide a hands-on learning opportunity to synthesize what is learned in the classroom and on-campus laboratories and to develop specific skills. The overall goal of the program is to prepare students for health-related careers and to reinforce a desire for lifelong learning and humanitarian service to our global community.

PROGRAM OBJECTIVES

Students who major in Health Science will:

- 1. Integrate knowledge from general education courses and biological, physical, social and health sciences to synthesize skills in computing, speaking, writing and analysis, research, and critical thinking in daily tasks and activities related to health promotion, wellness management and health care practices*
- 2. Apply acquired knowledge and communication skills to work effectively individually and in teams toward accomplishing goals in health education, advocacy, and community service*
- 3. Apply knowledge of transcultural issues and cultural competency and the impact of cultural values and ethnicity on understanding health and illness, wellness management and the utilization of health care services to improve health outcomes*
- 4. Analyze current Federal and State health legislation, regulations, and standards, and their effect on health related professional practice*
- 5. Evaluate population-based data and patterns of morbidity and mortality using epidemiological methods*
- 6. Analyze health education theories that drive health-behavior change interventions and programs*
- 7. Utilize scientific research methods to evaluate efficacy of health promotion, wellness management and disease prevention programs*

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
 2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
 3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general
-

education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower division major requirements. CSCI 1011 is recommended for the digital literacy requirement in this major so that it can also be used for Communication Skills C. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU web site by selecting a specific major under Academics.

LOWER-DIVISION MAJOR REQUIREMENTS (30-31 semester credits)

ANTH	2000	Cultural Anthropology (World Cultures B)
BIOL	1200	Human Biology or BIOL 2010 The Human Life Cycle or BIOL 2030 Anatomy and Physiology I (Global Systems C); or BIOL 2050 General Biology I: Cells and Organisms
BIOL	1300	Nutrition: Eat Smarter (Values and Choices B)
CHEM	1000	Introduction to Chemistry (Global Systems A) or CHEM 2050 General Chemistry I (Global Systems C)
COM	1000	Introduction to Communication Skills or COM 1200 Foundations of Communication Studies (Communication Skills B)
COM	2300	Communication and Culture (World Cultures B)
MATH	1115	Survey of Mathematics, or MATH 1130 Pre-Calculus I or MATH 2214 Calculus I (Research and Epistemology B)
MATH	1123	Statistics or SOC 3200 Social Statistics
PSY	1000	Introduction to Psychology (Research and Epistemology C)
SOC	2100	Fundamentals of Research (Research and Epistemology C)

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

One of the following:

ANTH	3000	Is Global Citizenship Possible
COM	3500	Technical Communication

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

One of the following:

ANTH	3000	Is Global Citizenship Possible?
COM	3300	Cross-Cultural Communication
HUM	4500	The World Problematique
ENVS	3200	Science and the Modern Prospect
PSY	3235	Cross-Cultural Psychology
SOC	3380	Cross-Cultural Relations

UPPER-DIVISION MAJOR REQUIREMENTS (32-34 SEMESTER CREDITS)

ANTH	3200	Medical Anthropology
GEOG	3720	Population Dynamics
HS	3010	Health Policy Analysis
HS	3020	Epidemiology
HS	3030	Health Promotion and Wellness Management

HS	3040	Health Education Planning, Theory and Practice
HS	3990	Unpaid Internship or HS 3991 Paid Internship
HS	4700	Research, Evaluation and Planning for Health Science
HS	4900	Health Science Seminar

Plus two upper-division courses (in addition to the courses chosen for Upper Division General education and approved by the dean of the college) chosen from:

ANTH, BIOL, CHEM, COM, CSCI, HUM, JADM, LAW, MKTG, PHIL, PSY, or SOC.

Plus one of the following:

NUR	3120	Health Care Informatics
NUR	3910	Dynamics of Family Violence
NUR	3922	Managing our Mortality
NUR	3930	Complementary Healing Methods
NUR	3944	Transcultural Nursing: People of Hawaii
NUR	3972	Introduction of Forensic Science

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

BACHELOR OF SCIENCE IN NURSING

The bachelor of science in nursing degree is conferred upon students who satisfactorily complete the general education requirements and the prescribed curriculum. To earn this degree, a student must complete a minimum of 124 semester hours and meet all the requirements of the nursing major with at least a 2.75 cumulative grade point average and a 2.75 grade point average in all nursing courses.

The Nursing Program is approved by the Hawaii Board of Nursing and is accredited by the National League for Nursing Accrediting Commission, Inc.

PROGRAM OBJECTIVES

Students who major in nursing will:

- 1. Synthesize knowledge from the humanities, arts and sciences to provide competent nursing services within a multicultural society.*
 - 2. Effectively utilize the nursing process to prioritize the dynamic integration of body, mind and spirit.*
 - 3. Consistently demonstrate effective, assertive and professional verbal, non-verbal and written communication with all members of the health care team.*
 - 4. Apply therapeutic communication skills to assess and facilitate patients', families', groups', and communities' understanding of their own experience.*
 - 5. Integrate the caring ethic as the foundation of nursing practice.*
 - 6. Provide culturally competent nursing care to promote health outcomes of diverse populations.*
 - 7. Apply the research process to deliver evidence-based care.*
 - 8. Utilize information systems to support nursing and deliver patient centered care.*
 - 9. Collaborate in community service in response to the diverse needs of people served.*
 - 10. Integrate critical thinking, diagnostic, moral and ethical reasoning to assist the patient in achieving mutually determined health outcomes.*
 - 11. Integrate principles of leadership, management, and health care policies into nursing practice.*
 - 12. Practice as an advanced beginner along the continuum of novice to expert as a member of a multidisciplinary health care team.*
 - 13. Pursue knowledge and expertise commensurate with the evolving scope of professional nursing practice*
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General Education Program Requirements

Although nursing students will meet the same outcomes for general education as other HPU students, the structure of the degree means that students are usually required to take specific courses, and the degree requirements as listed below overlap completely with the general education requirements. This first section of the program of studies illustrates how Nursing majors will meet general education requirements.

GENERAL EDUCATION COMMON CORE (45 SEMESTER CREDITS)

1. Take one course from each of the 15 common core categories. Choose one course for Communication Skills A, Values and Choices B and World Cultures C from the options shown, and take the specified course or courses for the other boxes.
2. No more than two courses from the same discipline will count toward the Common Core requirements with the exception of grouped Nursing courses shown below for Communication Skills B. This means that the course chosen for World Cultures C cannot be a history course,.
3. Among the 15 courses all students must choose two that will satisfy the two “Cross-Theme Requirements.” Nursing students will meet these requirements as follows:
 - a. Digital Literacy— Take CSCI 1011 in Communication Skills C
 - b. Art, Aesthetics, and Creativity—Take ENG 2000 for Values and Choices C.

	Communication Skills	Global Systems	Research & Epistemology	Values & Choices	World Cultures
A	WRI 1100 or WRI 1150	CHEM 1000	WRI 1200	NUR 2000	HIST 2001
B	NUR 2940 & NUR 2960 & NUR 2961 (Take all 3)	HIST 2002	MATH 1115	ECON 1000 (recommended) or ECON 2010	ANTH 2000
C	CSCI 1011 (DL)	BIOL 2030	PSY 1000	ENG 2000	<i>Choose one:</i> AL 2000 ARTS 1000 ARTS 2150 BIOL 2170 ENG 2510 ENG 2520 GEOG 2500 MUS 1000 REL 2151 THEA 2320

With the exception of the three Nursing courses for Communication Skills B, the common core courses should be completed before progressing to Level One. The entire 45 credits will overlap with the major requirements listed on the next page.

UPPER-DIVISION GENERAL EDUCATION**UPPER-DIVISION RESEARCH AND WRITING REQUIREMENT**

- This requirement will be fulfilled when students take NUR 4700 Nursing Research Proposal and NUR 4960 Developing a Healthy Community as part of the major

UPPER-DIVISION CITIZENSHIP REQUIREMENT

- This requirement will be fulfilled when students take NUR 4961 Developing a Healthy Community Laboratory as part of the major

Nursing Program Requirements

LOWER DIVISION PREREQUISITE COURSES FOR LEVEL ONE NURSING COURSES (50 SEMESTER CREDITS).

ANTH	2000	Cultural Anthropology
BIOL	2030	Anatomy and Physiology I
BIOL	2031	Anatomy and Physiology I Laboratory
BIOL	2032	Anatomy and Physiology II
BIOL	2033	Anatomy and Physiology II Laboratory
CHEM	1000	Introductory Chemistry
CHEM	2030	Introduction to Organic Chemistry and Biochemistry
CSCI	1011	Introduction to Computer-Based Systems
ECON	1000	Naked Economics (recommended) or ECON 2010 Principles of Microeconomics
ENG	2000	Introduction to Literature
HIST	2001	History of World Cultures to 1500
HIST	2002	Global Historical Experience since 1500
MATH	1115	Survey of Mathematics
MATH	1123	Statistics
PSY	1000	Introduction to Psychology
WRI	1100	Analyzing and Writing Arguments or WRI 1150 Literature and Argument
WRI	1200	Research, Argument and Writing
Elective from World Cultures C (excluding HIST courses)		

UPPER DIVISION PREREQUISITE COURSES FOR LEVEL ONE NURSING COURSES (6 SEMESTER CREDITS)

PSY	3600	Abnormal Psychology
BIOL	3040	Microbiology

TRANSITION TO LEVEL ONE (2 SEMESTER CREDITS)

NUR	2000	Introduction to Professional Nursing
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LEVEL ONE NURSING REQUIREMENTS (17 SEMESTER CREDITS)

NUR	2200	Development Across the Lifespan
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NUR	2300	Pharmacology
NUR	2301	Math for Meds
NUR	2950	Nursing Concepts and Processes
NUR	2951	Nursing Concepts and Processes Laboratory
NUR	2960	Therapeutic Communication
NUR	2961	Applied Therapeutic Communication
NUR	2970	Comprehensive Health Assessment
NUR	2971	Comprehensive Health Assessment Laboratory

LEVEL TWO NURSING REQUIREMENTS (15 SEMESTER CREDITS)

NUR	2100	Nutrition and Diet Therapy
NUR	2940	Health Promotion
NUR	2930	Pathophysiology
NUR	3952	Gerontologic Nursing
NUR	3953	Gerontologic Nursing Laboratory
NUR	3962	Adult Health Care I
NUR	3963	Adult Health Care I Laboratory

LEVEL THREE NURSING REQUIREMENTS (13 SEMESTER CREDITS)

NUR	3970	Altered Mental Health Patterns
NUR	3971	Altered Mental Health Patterns Laboratory
NUR	3980	Childbearing Family
NUR	3981	Childbearing Family Laboratory
NUR	3985	Child and Family Health
NUR	3986	Child and Family Health Laboratory

LEVEL FOUR NURSING REQUIREMENTS (14 SEMESTER CREDITS)

NUR	3900	Leadership and Management in Nursing
NUR	3964	Adult Health Care II
NUR	3965	Adult Health Care II Laboratory
NUR	4700	Nursing Research Proposal Development

LEVEL FIVE NURSING REQUIREMENTS (14-15 SEMESTER CREDITS)

NUR	4950	Complex Care
NUR	4951	Complex Care Laboratory
NUR	4960	Developing a Healthy Community
NUR	4961	Developing a Healthy Community Laboratory
One upper division elective from Nursing or a related field		

UNRESTRICTED ELECTIVES (0 semester credits)

GENERAL PREREQUISITES

- Students must have a minimum 2.75 cumulative GPA in courses required in the nursing major prior to entering 2000 level nursing courses.
 - Students must maintain a minimum HPU GPA of 2.75 in order to progress to the next level clinical course.
 - Students may repeat only **two** nursing courses to obtain a grade of C-. Each of these courses may only be repeated **once**.
-

- If an “Unacceptable Practice” investigation is in progress and/or if a student receives an “Unacceptable Practice” citation in a nursing (NUR) course, the student may not withdraw from the course. Students will need to have a clearance (signature on the withdrawal form) from the Dean of Nursing or designee in order to withdraw from nursing (NUR) courses.

CLINICAL HEALTH REQUIREMENTS

Attention all Nursing Students: Clinical health requirements and background checks are mandatory per the clinical facilities for any student participating in clinical courses. The facilities will not allow anyone entry unless the College of Nursing and Health Sciences can provide documentation each semester that all of the requirements have been met. All health requirements are determined by each individual facility and are subject to change without prior notice. We attempt to notify students and meet these specific requirements as quickly and smoothly as possible. However, the students are liable for maintaining current and accurate health records during the entire time participating in clinical courses.

The following health requirements are mandatory in order to go to clinical sites. Clinical facilities will not allow any student entry unless the College of Nursing and Health Sciences can provide documentation that all of following health requirements have been met. All health requirements are determined by each individual facility and are subject to change at any time without prior notice. All nursing students are responsible for maintaining current and accurate health records from the first to last day of the program. **EFFECTIVE IMMEDIATELY, ALL HEALTH RECORDS MUST BE SUBMITTED TO** www.CertifiedBackground.com

One-Time Requirements:

**** Please note: While the University requires proof of immunizations, the College of Nursing and Health Sciences requires titers/screens for the following:**

Mumps: A positive screen/titer is required. If a screen/titer is equivocal or negative you must receive another immunization and re-draw the titer one month after the immunization. Results from the second draw must then be submitted to www.CertifiedBackground.com. If the screen/titer is again equivocal or negative no further testing is needed.

Rubeola: A positive screen/titer is required. If a screen/titer is equivocal or negative you must receive another immunization and re-draw the titer one month after the immunization. Results from the second draw must then be submitted to www.Certifiedbackground.com. If the screen/titer is again equivocal or negative no further testing is needed.

Rubella: A positive screen/titer is required. If a screen/titer is equivocal or negative you must receive another immunization and re-draw the titer one month after the immunization. Results from the second draw must then submitted to www.Certifiedbackground.com. If the screen/titer is again equivocal or negative no further testing is needed.

Varicella: A positive screen/titer is required. If a screen/titer is equivocal or negative you must receive another immunization and re-draw the titer one month after the immunization. Results from the second draw must then be submitted to www.CertifiedBackground.com. If the screen/titer is again equivocal or negative no further testing is needed.

Hepatitis B: A positive screen/titer is required. If you don't have an immunization record showing the series of 3 immunizations or your screen/titer is non-reactive you must begin the series of 3 shots. If the screen/titer is negative you must retake the series of 3 shots. After one month from the third shot you can draw the titer. If after the 2nd titer (repeat) is drawn and the result is negative again, then you should provide a letter from your health care provider stating that you received two series (for a total of 6 shots) and you remain negative.

The clinical agencies have the right to decline you from clinical if they do not accept your health records.

Diphtheria/Tetanus: Immunization within the past 10 years is required. Your Diphtheria/Tetanus must remain current throughout your enrollment in the HPU nursing program.

Background Check: All students are required to have a criminal background check prior to practice in the clinical facilities.

Renew Every 2 Years:

CPR: A BLS-Healthcare Provider (CPR and AED program) from an **American Heart Association** provider is required. CPR cards are valid for two years from the original date the student took the class. If your card expires during the term you are entering, you must submit a new card by the health records deadline for that term.

Annual Requirements:

Physical Examination and Essential Skills and Abilities Form: A physical exam and Essential Skills form provided by HPU must be signed and stamped by your doctor or a nurse practitioner annually.

Confidentiality Statement and the Declaration of Fitness and Background Check Forms: can be printed from the College of Nursing and Health Sciences website, must be completed and signed by the student.

Blood Borne Pathogen (BBP): The blood borne pathogen video can be viewed in the ETC, room 308. We will also accept proof from an employer.

HIPAA: The HIPAA video can be viewed in the ETC/room 308. We will also accept proof from an employer.

TB/PPD Clearance: Your last two TB tests are required. A two step TB test is accepted. Your most recent TB test must not expire before the end of the term you are applying for. If you have a positive TB test, please submit the date and mm of your positive TB test, if available and a TB monitoring form. You must also submit a clear chest x-ray. It must have been taken within the past year. A TB monitoring form is also required annually for those with positive TB tests.

Term Requirements:

Health Insurance: Proof of current health insurance is **due before every term**. Depending on the type of health insurance you have, at least one of the following is required:

- A copy of your current insurance card with your name on it.
-

- If you are covered under another person's policy, please submit a copy of that card and a letter from the insurance company stating you are covered on that policy. After the initial letter, a copy of the insurance card is permitted for following terms.
- Active military can submit a copy of their current military ID.
- Military dependents need to submit a copy of their military ID and Tri-Care card if they have one. If they do not have a Tri-Care card, a letter from DEERS is required for initial proof of coverage. After that initial letter, a copy of their current military ID is permitted for following terms.
- If you are purchasing health insurance through the school you will need to submit an HPU "Intent to Purchase" health insurance form by the health records deadline for that term. After that, you will need to turn in a copy of the receipt of purchase or a copy of your insurance card by the date stated on the HPU "Intent to Purchase" health insurance form.

Malpractice Insurance: All HPU nursing students are covered under a Student Blanket Professional Liability Insurance policy with Healthcare Providers Service Organization. This policy is included in your HPU College of Nursing and Health Sciences tuition.

RN TO BSN PATHWAY

Students who have been admitted to Hawai'i Pacific University, who are currently licensed as an RN in the state of Hawai'i may be enrolled in the RN to BSN Pathway.

Upon completion of the general ed. courses below, RNs may enroll in nursing courses:

WRI	1100	Analyzing and Writing Arguments
WRI	1200	Research, Argument and Writing

REQUIREMENTS

NUR	2940	Health Promotion and Education
NUR	3360	Concepts and Issues for Professional Nurses
NUR	3370	Health Assessment for the RN Student
NUR	3371	Health Assessment for the RN Student Laboratory
NUR	3900	Leadership and Management in Nursing
NUR	4700	Nursing Research Proposal Development (MATH 1123 prerequisite or co-requisite)
NUR	4950	Complex Care
NUR	4951	Complex Care Laboratory
NUR	4960	Developing a Healthy Community
NUR	4961	Developing a Healthy Community Laboratory
NUR	xxxx	Nursing Elective

LPN TO BSN PATHWAY

Students who are Licensed Practical Nurses may be eligible for the pathway if they:

- Have completed lower and upper division nursing prerequisites, and NUR 2000 prior to the first semester of nursing courses listed below
- Have a cumulative GPA of 2.75 or higher, (Only courses meeting BSN requirements apply to GPA calculation), and must maintain 2.75 or higher GPA to remain in pathway

- Have a current Hawai'i State LPN license
- Have one (1) year of recent acute care experience

Upon admission students will be awarded ten transfer credits for:

NUR	3962	Adult Health I (3 credits)
NUR	3963	Adult Health I Lab (3 credits)
NUR	3964	Adult Health II (4 credits)
NUR	3965	Adult Health II Lab (4 credits)

NURSING MAJOR COURSES

NUR	2000	Introduction to Professional Nursing (completed prior to acceptance to this pathway)
NUR	2100	Nutrition and Diet Therapy
NUR	2200	Development Across the Lifespan
NUR	2300	Pharmacology
NUR	2301	Math for Meds
NUR	2930	Pathophysiology
NUR	2940	Health Promotion and Education
NUR	2960	Therapeutic Communication
NUR	2961	Applied Therapeutic Communication
NUR	2965	Nursing Transition: LPN to BSN
NUR	2966	Nursing Transition: LPN to BSN Laboratory
NUR	2970	Comprehensive Health Assessment
NUR	2971	Comprehensive Health Assessment Laboratory
NUR	3900	Leadership and Management in Nursing
NUR	3952	Gerontologic Nursing
NUR	3953	Gerontologic Nursing Laboratory
NUR	3970	Altered Mental Health Patterns
NUR	3971	Altered Mental Health Patterns Laboratory
NUR	3980	Childbearing Family
NUR	3981	Childbearing Family Laboratory
NUR	3985	Child and Family Health
NUR	3986	Child and Family Laboratory
NUR	4700	Nursing Research Proposal Development
NUR	4950	Complex Care
NUR	4951	Complex Care Laboratory
NUR	4960	Developing a Healthy Community
NUR	4961	Developing a Healthy Community Laboratory
NUR	xxxx	Nursing Elective

INTERNATIONAL NURSING PATHWAY

International nurses (licensure in home country, but not in the United States) who have been admitted to Hawai'i Pacific University may be eligible to enroll in the International Nurse Pathway. International students must meet the HPU English language requirements (see page 10).

Credit by Examination for Nursing Major Requirements

Upon successful completion of all lower and upper division, nursing prerequisites students who are graduates of a program equivalent to a diploma or an associate degree nursing program in the United States may take the NLN Nursing Acceleration Challenge Examinations II (RN to BSN).^{*} If successful, the student will be awarded credit for the following courses:

NUR	2100	Nutrition and Diet Therapy	2 credits
NUR	2930	Pathophysiology	3 credits
NUR	2950	Nursing Concepts and Processes	3 credits
NUR	2951	Nursing Concepts and Processes Laboratory	2 credits
NUR	3962	Adult Health Care I	2 credits
NUR	3963	Adult Health Care I Laboratory	2 credits
NUR	3964	Adult Health Care II	2 credits
NUR	3965	Adult Health Care II Laboratory	4 credits
NUR	3970	Altered Mental Health Patterns	3 credits
NUR	3971	Altered Mental Health Patterns Laboratory	2 credits
NUR	3980	Childbearing Family	3 credits
NUR	3981	Childbearing Family Laboratory	2 credits
NUR	3985	Child and Health Family	3 credits
NUR	3986	Child and Health Family Laboratory	2 credits

Or, students can transfer to the RN to BSN Pathway upon passing NCLEX-RN licensure exam.

^{*}International students must complete all the lower- and upper-division nursing requirements, if their grades on these tests are not satisfactory.

BACHELOR OF SOCIAL WORK

Total Credits Required: 124 Semester Credits

MISSION STATEMENT

The mission of Hawai'i Pacific University's Bachelors Degree in Social Work is to prepare appropriate undergraduate students, especially working adults, for entry into the competent, effective generalist practice of social work at the beginning level. Hawai'i Pacific University's social work students should unashamedly want to "make the world a better place" through caring, professional practice. They should appreciate that social work's heritage, commitment, values, and methods offer one means of doing this

PROGRAM GOALS

- 1. To develop students' competence in the use of the generalist problem-solving model with client systems of all sizes.*
- 2. To prepare graduates who practice competently with diverse populations.*
- 3. To prepare graduates who understand the social contexts of social work practice at micro, mezzo, and macro levels, including the changing nature of those contexts.*
- 4. To promote the values and ethics of professional social work in the program and in students' practice*
- 5. To develop in students an appropriate foundation for and valuing of lifelong learning, in practice or in graduate education.*

Note: In accordance with requirements of the Council on Social Work Education, program goals for the BSW are derived from the program mission statement, and program objectives are derived from program goals. The program objectives can be found on the HPU web site.

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
 2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
 3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.
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LOWER-DIVISION MAJOR REQUIREMENTS (18 SEMESTER CREDITS)

MATH	1123	Statistics (Research and Epistemology C)
PSY	1000	Introduction to Psychology (Research and Epistemology C)
SOC	1000	Introduction to Sociology (World Cultures B)
SOC	2000	Social Problems and Policy (Values and Choices B)
SOC	2100	Fundamentals of Research (Research and Epistemology C)
SWRK	2000	The Profession of Social Work

II UPPER-DIVISION REQUIREMENTS**UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)**

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

SWRK 3300 Research and Writing in Social Work

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

SOC 3650 Global Systems and Development

UPPER-DIVISION MAJOR REQUIREMENTS (36-37 SEMESTER CREDITS)

PSY	3235	Cross-Cultural Psychology; or SOC 3380 Cross-Cultural Relations
PSY	3600	Abnormal Psychology
SWRK	3000	Methods of Social Work I
SWRK	3003	Human Behavior in the Social Environment I
SWRK	3005	Human Behavior in the Social Environment II
SWRK	3010	Methods of Social Work II
SWRK	3570	American Social Welfare Policy
SWRK	3900	Social Work Practicum I
SWRK	4000	Methods of Social Work III
SWRK	4010	Methods of Social Work IV
SWRK	4900	Social Work Practicum II
SWRK	4910	Social Work Practicum III

III UNRESTRICTED ELECTIVES

The number of unrestricted elective credits needed will vary depending on the number of credits that overlap between the general education requirements and the major requirements, but students will need to earn enough college-level credits to reach a total of 124 semester credits.

4 + 1 EDUCATION PROGRAM

Hawai'i Pacific University's 4 + 1 Education Program provides motivated students with the opportunity to earn both a bachelor's degree in their subject area and an M.Ed. degree in secondary education in just five years. This innovative program prepares candidates for licensing in the areas of English, mathematics, science, social studies, and world languages.

This program provides students with an excellent opportunity to save time, money, and tuition expenses. Students admitted to this program can get a head start on their graduate program by enrolling in graduate courses in education and earning credits toward both an undergraduate and graduate degree.

Students admitted to the program are expected to maintain a 3.0 cumulative grade point average and complete 90 semester hours of course work, achieve a passing score on the PRAXIS PPST (Pre-Professional Skills Test in Reading, Writing, and Mathematics), and complete an interview with education faculty before enrolling in graduate-level education courses.

Guided by a profound belief in active, collaborative, experiential, reflective, and transformative learning, a deep commitment to diversity, and an emphasis on the effective use of educational technology, HPU has developed a truly innovative, inquiry-oriented, standards-driven, and field-based curriculum that integrates content and pedagogy and employs an electronic portfolio assessment system to evaluate the teacher candidate's progress toward achieving professional standards and proficiencies. In addition, HPU provides teacher candidates with cutting-edge course web page technology tools and access to online periodical databases in education.

University faculty, mentor teachers, and principals join in a unique partnership to deliver an innovative curriculum that has been designed to develop professional educators who are reflective practitioners dedicated to the scholarship of teaching and school renewal. This partnership forms the basis for an alumni *'ohana* (family) that provides continuing mentoring and support for its graduates.

Enroute to the Master of Education in Secondary Education degree, which requires a minimum of 42 semester hours of graduate work, students will earn the Professional Certificate in Secondary Education, indicating their preparedness for licensure. The certificate requires 24 semester hours of core courses, a six-credit teaching internship, and a three-credit teaching internship seminar. By completing three additional capstone courses, students satisfy the master's degree requirements and earn the Master of Education in Secondary Education. Students in the 4 + 1 program will also earn a bachelor's degree in their chosen subject area upon completion of all the specific requirements for the undergraduate degree, including at least 124 semester hours in undergraduate and graduate courses.

Please refer to the graduate programs section for a complete listing of all courses required for the Master of Education in Secondary Education. Students admitted to the 4 + 1 Education program can enroll in up to 12 credits chosen from the courses below during the senior year.

ED	6000	The Professional Educator	(3 credits)
ED	6100	Child and Adolescent Development for Educators	(3 credits)
ED	6200	The Scholarly Teacher	(3 credits)
ED	6300	The Reflective Practitioner	(3 credits)
ED	6310	Culturally Responsive Education in Hawaii	
ED	6420	English Curriculum and Instruction	(3 credits)
ED	6440	Mathematics Curriculum and Instruction	(3 credits)
ED	6450	Science Curriculum and Instruction	(3 credits)
ED	6460	Social Studies Curriculum and Instruction	(3 credits)
ED	6470	World Languages Curriculum and Instruction	(3 credits)
ED	6505	Secondary Field Experience I	(3 credits)
ED	6506	Secondary Field Experience II	(3 credits)
PSY	6450	Child and Adolescent Development for Educators	(3 credits)

TRANSFER PROGRAMS: PRE-CHIROPRACTIC PROGRAM

Hawai'i Pacific University has developed a transfer program enabling students to enter the Doctor of Chiropractic program at Los Angeles College of Chiropractic (Whittier, CA). After completing 3 years of coursework at HPU and meeting the admissions requirements for the Chiropractic program, students will be admitted to the first year of the graduate program at Los Angeles Chiropractic College. Student will need to complete the prescribed course of study as outlined by the articulation agreement with HPU and LACC, which includes completing 90 semester hours at HPU with 30 credits being upper division and have a 2.75 GPA. Science courses must be taken in their sequential order, and applicants must also submit 3 letters of recommendation and complete a physical examination.

Students are encouraged to meet with an academic advisor their first year at HPU to begin the matriculation process.

Upon completion of the first year of the Chiropractic program, HPU students will receive the Bachelor of Arts degree from Hawai'i Pacific University. An official transcript, showing the completions of enough credits to reach 124 total with grades of 'C' or higher, will need to be sent to the Office of Admissions, along with a completed Petition to Graduate Form and the required graduation fee. Students will then continue at Los Angeles College of Chiropractic to earn their graduate degree.

Course work to be completed prior to entering PC program	95-104 semester credits
Credits to be transferred	20-29 semester credits
Total Degree Requirements	124 semester credits

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the Common Core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

LOWER-DIVISION MAJOR REQUIREMENTS (41-45 SEMESTER CREDITS)

Any 3 general education social science courses (various categories)

BIOL 2030 Anatomy and Physiology I (Global Systems C)

BIOL 2031 Anatomy and Physiology I Laboratory

BIOL 2032 Anatomy and Physiology II

BIOL	2033	Anatomy and Physiology II Laboratory
CHEM	2050	General Chemistry I (Global Systems C)
CHEM	2051	General Chemistry I Laboratory
CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Laboratory
COM	1000	Introduction to Communication Skills (Communication Skills B)
CSCI	1011	Introduction to Computer Based Systems (Communication Skills C and digital literacy)
MATH	1130	Pre-Calculus I and MATH 1140 Pre-Calculus II; or MATH 1150 Pre-Calculus I and II accelerated. (Research & Epistemology B)
PHYS	2030	College Physics I (Research & Epistemology C)
PHYS	2031	College Physics I Laboratory
PHYS	2032	College Physics II or MATH 1123
PHYS	2033	College Physics II Laboratory (only if PHYS 2032 taken)

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

COM 3400 Communicating Professionally or COM 3500 Technical Communication

UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

HUM 4500 The World Problematique or ENVS 3000 Science and the Modern Prospect

UPPER-DIVISION MAJOR REQUIREMENTS (24-26 SEMESTER CREDITS)

CHEM 3030 Organic Chemistry I
 CHEM 3031 Organic Chemistry I Laboratory
 CHEM 3032 Organic Chemistry II
 CHEM 3033 Organic Chemistry II Laboratory
 PMED 3990 Pre-Medical Studies Internship or PMED 3991
 SOC 3100 Methods of Inquiry

One of the following cross-cultural courses:

ANTH 3300 Japanese Culture and Society
 COM 3300 Intercultural Communication (requires COM 1200 and COM 2300)
 PSY 3235 Cross-Cultural Psychology
 SOC 3380 Cross-Cultural Relations

One of the following values courses:

ANTH 3200 Medical Anthropology
 HUM 3000 Contemporary Choices
 HUM 3100 Alternative Futures
 PHIL 4501 Reordering of Social Values
 SOC 3320 Marriage and the Family

Plus two major electives

III CREDITS TRANSFERRED

Enough college-level credits to reach a total of 124 semester credits must be completed at Los Angeles Chiropractic College and transferred back to HPU.

TRANSFER PROGRAMS: PRE-PHYSICAL THERAPY PROGRAM

Hawaii Pacific University has developed a transfer program enabling students to enter a Doctor of Physical Therapy program at Carroll College (Wisconsin) or Creighton University (Nebraska). After completing three years of coursework at HPU, students will be admitted to the Physical Therapy program at Carroll College or Creighton University provided they complete the prescribed course of study at HPU with a 3.25 cumulative grade point average. Completion of the required biology, chemistry, and 1 semester of physics are required prior to application.

Applicants must also have completed additional requirements, such as the Graduate Record Examination (GRE) and letters of recommendation. Students are encouraged to meet with an academic advisor their first year at HPU to begin the matriculation process for either institution.

Upon completion of the first year of the Doctor of Physical Therapy program at either institution, HPU students will receive the Bachelor of Arts degree from Hawai'i Pacific University. An official transcript will need to be sent to the Office of Admissions, along with a completed Petition to Graduate Form and the required graduation fee. Students will then continue at their respective institution to earn their Doctor of Physical Therapy degree.

Course work to be completed prior to entering PT program	90-92 semester credits
Credits to be transferred	32-34 semester credits
Total Degree Requirements	124 semester credits

I LOWER-DIVISION REQUIREMENTS

GENERAL EDUCATION COMMON CORE (AT LEAST 45 SEMESTER CREDITS)

1. Complete the general education common core consisting of one course in each of fifteen common core categories as well as two cross-theme requirements. Refer to pages 58-70 of this catalog (especially the chart on page 70) for the eligible courses by category and other details.
2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the Common Core requirements.
3. Some of the courses required for this major are also applicable to the general education core. When students count a course in both places instead of choosing a different general education course, they increase the number of unrestricted elective credits available. These potential overlaps are indicated parenthetically after the name of the course in the list of lower division major requirements. Detailed advice for students who wish to maximize overlap between general education and major requirements can be found on the HPU website at <<http://www.hpu.edu/overlap>>.

LOWER-DIVISION MAJOR REQUIREMENTS (41-44 SEMESTER CREDITS)

Any 3 general education social science courses.

BIOL	2050	General Biology I
BIOL	2051	General Biology I Laboratory
BIOL	2052	General Biology II (Global Systems A)
BIOL	2053	General Biology II Laboratory

CHEM	2050	General Chemistry I (Global Systems C)
CHEM	2051	General Chemistry I Laboratory
CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Laboratory
CSCI	1011	Introduction to Computer-Based Systems (Communication Skills C and Digital Literacy)
MATH	1130	Pre-Calculus I and MATH 1140 Pre-Calculus II; or MATH 1150 Pre-Calculus I and II Accelerated. (Research & Epistemology B)
PHYS	2030	College Physics I (Research & Epistemology C)
PHYS	2031	College Physics I Laboratory
PHYS	2032	College Physics II
PHYS	2033	College Physics II Laboratory

II UPPER-DIVISION REQUIREMENTS

UPPER-DIVISION GENERAL EDUCATION (6 SEMESTER CREDITS)

UPPER-DIVISION RESEARCH AND WRITING (3 credits)

COM	3400	Communicating Professionally or COM 3500 Technical Communication
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UPPER-DIVISION CITIZENSHIP REQUIREMENT (3 credits)

HUM	4500	The World Problematic or ENVS 3000 Science and the Modern Prospect
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UPPER-DIVISION MAJOR REQUIREMENTS (23-25 SEMESTER CREDITS)

BIOL	3034	Human Physiology
BIOL	3035	Human Physiology Laboratory
PMED	3990	Pre-Medical Studies Internship unpaid or PMED 3991 Pre-Medical Studies Internship paid
SOC	3100	Methods of Inquiry
SOC	3200	Social Statistics
<i>One of the following cross-cultural courses:</i>		
ANTH	3300	Japanese Culture and Society
COM	3300	Intercultural Communication (requires COM 1200 and COM 2300)
PSY	3235	Cross-Cultural Psychology
SOC	3380	Cross-Cultural Relations

One of the following values courses:

ANTH	3200	Medical Anthropology
HUM	3000	Contemporary Choices
HUM	3100	Alternative Futures
PHIL	4501	Reordering of Social Values
SOC	3320	Marriage and the Family

Plus two elective courses

III CREDITS TRANSFERRED

Enough college-level credits to reach a total of 124 semester credits must be completed at the second institution and transferred back to Hawai'i Pacific University.



OTHER UNDERGRADUATE PROGRAMS

Global Learning Program

University Scholars Honors Program

**Study Abroad and Student Exchange
Programs**

International Bridge Program

Concurrent Programs



GLOBAL LEARNING PROGRAM

HPU offers specially designated sections of many lower-division general education courses under the Global Learning Program. These special sections include both Global Learning First Year Seminars—identified in the schedule of courses with (FY) in the section number—and Continuing Global Learning Experiences—identified in the schedule of courses with (GL) in the section number. These courses are designed to engage students in reflecting on what it means to be a global citizen while providing international perspectives on the subject matter. For example, a global learning section of Introduction to Communication Skills might include a special emphasis on intercultural communication, and require students to focus their oral presentations on a specific global issue. Course sections are small so that professors and students can form a meaningful learning community. Professors are selected for their commitment to teaching general education courses and their willingness to mentor students. These courses incorporate co-curricular opportunities and/or connections to the local community such as field trips, cultural activities, community speakers, the Common Book Program, Viewpoints, and the Global Citizenship Student Symposium.

PROGRAM OBJECTIVES

Students who enroll in and successfully complete a designated global learning section will:

1. *Participate as active members of a learning community.*
2. *Learn about and interact with the local environment and community.*
3. *Experience a rich learning environment beyond the classroom, including co-curricular and/or extracurricular opportunities.*
4. *Demonstrate awareness of international perspectives.*
5. *Explore the concept of global citizenship.*

In addition, students who enroll in and successfully complete a first-year seminar will:

1. *Develop effective academic habits as a foundation for their academic careers.*
2. *Learn where to go for help if they need it.*

GLOBAL LEARNING FIRST-YEAR SEMINARS

These courses are offered only in the fall semester and are restricted to new freshmen. In addition to the global learning emphasis described above, these sections, which are limited to 15 or 16 students, also focus on orienting students to HPU and college life. Students should enroll in only one first-year seminar to avoid duplication of shared global learning assignments and activities. Which specific courses are offered in FY sections varies from year to year. Incoming students can find a list of course with descriptions on the HPU web site at <http://www.hpu.edu/gened> by selecting The Global Learning Program link.

Courses frequently offered as first-year seminars

ANTH	2000	Cultural Anthropology
BIOL	1000	Introductory Biology
COM	1000	Introduction to Communication Skills
CSCI	1041	Digital Literacy in a Global Society
HUM	1000	Introduction to the Humanities

PHIL	1000	Introduction to World Philosophies
PSY	1000	Introduction to Psychology
WRI	1100	Analyzing and Writing Arguments

CONTINUING GLOBAL LEARNING EXPERIENCES

Continuing Global Learning Experiences are offered every Spring. These courses are not be limited to new freshmen and do not include the orientation emphasis found in the first-year seminars. Thus students who enjoyed their first year seminar can seek out further global learning opportunities and students who were unable to enroll in seminar in their first semester will have other opportunities to take engaging general education courses with a global perspective. A list of courses being offered in continuing global learning sections will be published prior to pre-registration period for continuing students on the HPU web site.

Any of the courses taught as first-year seminars in the fall could be taught as a continuing global learning experience in the spring. Below are some additional courses that may be offered periodically as GL courses.

BIOL	1500	Conservation Biology
BIOL	2170	Ethnobotany: Plants and People
COM	2300	Communication and Culture
ECON	1010	Introduction to Global Economic Issues
ENG	2301	World Film Studies
ENG	2510	World Literature I
ENG	2520	World Literature II
GEOG	1500	World Regional Geography
GEOG	2000	Human Geography
HIST	2001	History of World Cultures to 1500
HIST	2002	Global Historical Experience since 1500
MARS	1000	Introductory Oceanography
MARS	1500	Marine Biology and the Global Oceans
PSCI	2000	Introduction to Politics
PSCI	2500	World Politics
WRI	1200	Research, Argument, and Writing

It is important to recognize that the Global Learning program refers to an approach to teaching and learning which can be applied to many different courses. Because most courses taught in the program are also taught in multiple “regular” sections each semester, students need to look for the FY or GL section designator when registering.

UNIVERSITY SCHOLARS HONORS PROGRAM

Each year, a small number of exceptionally well-prepared and highly-motivated students enter Hawai'i Pacific University as members of the University Scholars Program. This enrichment program offers students an opportunity to take many of their general education core courses in especially stimulating and challenging honors class sections, and to supplement their upper-division work with selected courses and options. University Scholars Program courses are taught by professors who are skilled, motivated, and interested in teaching honors students. Class sizes are small to facilitate discussion and provide a particularly meaningful educational experience.

Applicants for admission to the University who have demonstrated superior academic performance and potential may become members of the University Scholars Program by invitation or by petition. Applicants are screened by the University Scholars Committee. Currently enrolled students may petition the Committee for admission to the Program or may enroll in the Program's courses with permission. Membership is open to eligible students in all degree programs and majors.

Students maintain their membership by regular enrollment in the Program's classes and continued high academic performance. A Certificate of Merit is granted to students who complete the required number of honors sections at both the lower-division and upper-division levels and graduate at least *cum laude*. (Refer to the "Latin Honors at Graduation" section in this catalog)

Special sections of certain lower-division courses required in the General Education Program are designated honors sections for University Scholars. At the upper-division level, University Scholars enroll in honors designated sections of courses in both their junior and senior years.

In addition to their classroom course work, University Scholars are involved in activities such as social events, contact with faculty members and other professionals in their fields of interest, guest speakers, and serving as student mentors for the new cohort of honors program students as they begin their studies at HPU. University Scholars students, faculty work together to design and implement these activities.

University Scholars Curriculum

To earn the certificate, program participants must complete at least six courses from among the honors sections offered in the lower division and three in the upper division, and maintain at least a 3.4 GPA for all courses counted towards the degree. Students with AP credits for high school work may petition to count an AP course towards the lower-division requirement.

Lower-Division Honors Sections

The following honors courses are typically offered regularly, although additional courses may be added on a semester-by semester basis. Students should work with their advisor to determine the honors classes offered each semester and to confirm which classes fit their own schedule requirements. Honors sections are generally listed as section H or 1H in the schedule of courses.

ANTH	2000	Cultural Anthropology
COM	1000	Introduction to Communication Skills
ECON	2010	Principles of Microeconomics
ECON	2015	Principles of Macroeconomics
ENG	2510	World Literature I
ENG	2520	World Literature II

HIST	2001	History of World Cultures to 1500
HIST	2002	Global Experience Since 1500
HUM	1000	Introduction to the Humanities
MATH	1123	Statistics
PSCI	1400	American Political System
PSY	1000	Introduction to Psychology
WRI	1150	Literature and Argument
WRI	1200	Research, Argument, and Writing

Upper-Division Honors Sections

Each semester a selection of honors-designated upper-division courses is made upon the recommendations of the program chairs from the various disciplines and programs.

This list of courses is available each semester prior to registration from the Honors Specialist and through the Director of University Honors Programs.

STUDY ABROAD—STUDENT EXCHANGE PROGRAMS

Hawai‘i Pacific University offers degree-seeking students opportunities to complement their HPU experience by participating in study abroad programs at various sister-school universities. Participants pay regular HPU tuition and have credits earned at the host institution applied to HPU degree program requirements. Participants are selected competitively on the basis of academic record, appropriateness of study abroad plan to the HPU major and potential to succeed academically and personally in a foreign environment. Student Exchange courses (SE) are listed in the University Curriculum section, and more details can be found on the HPU website under Academics > Study Abroad Programs. Hawaii Pacific University has exchange programs in Japan, Korea, China, Taiwan, Thailand, Australia, Brazil, Mexico, Germany, France, Spain, Slovenia, Austria, Sweden, and Norway. For more information, Please contact the Office of International Exchange and Study Abroad Programs.

INTERNATIONAL BRIDGE PROGRAM

The International Bridge Program (IBP) at Hawai‘i Pacific University allows qualified international students to participate in university courses designed to facilitate the transition into American academia and life in the United States. These courses provide the academic, linguistic, and cultural support that students need in order to prepare for success as a fully matriculated degree-seeking student at HPU. Content-based classes offer the concepts, terminology and study skills to help students perceive and bridge the gaps and differences in global perspectives, learning strategies, linguistic levels, and content knowledge. Bound by common goals, students and faculty create a dynamic learning community in which they explore diverse ideas, share information, and discover relationships between society, nature, and self. The International Bridge Program ensures that students are recognized and supported in their efforts to improve language, grasp concepts, develop study skills, acquire cultural understanding, and assimilate into a learning community. International students become connected to the HPU community via the Bridge, and along the way discover what it means to be a global citizen.

IBP Unique Features

IBP courses are offered on a recurring basis, organized into three 5-week modules rather than a traditional 15-week term. Each course “series” consists of three separate 1-credit courses with final grades assigned upon completion of each module. This innovative scheduling design offers the following advantages:

- Modules I-III have the same curricular focus yet differ in content, materials, assignment types, and final project requirements.
- Neither course genres nor separate modules are prerequisites for the next; i.e. it is possible to enroll in module III without having taken module I or II.
- Students may enroll for the beginning of any 1-credit module within each course series
- Each module is worth 1 elective credit; e.g. 4 courses of 3 modules each = 12 credits
- Coursework also includes unique off-campus excursions, site visits, interactive community engagement activities, and experiential learning tasks which help “bridge” students to the community in relevant and meaningful ways.

IBP Program Objectives:

The HPU International Bridge Program will

1. allow students to earn undergraduate credit while being introduced to university culture,
2. prepare students for the level of linguistic and academic performance expected at an American university,
3. present opportunities for adapting and acculturating to life in Hawai'i and the US,
4. provide a foundation of general academic and content-based terminology,
5. instruct students in concepts and topics relevant to courses in general education and specific content areas at the university level,
6. enable students to experience and adopt a variety of effective learning strategies,
7. encourage students to develop and practice essential study skills for university success,
8. provide opportunities for developing effective ways to share ideas and information using a variety of spoken and written formats,
9. develop library and research skills specifically suited to an American context,
10. instruct students in concepts and skills of information technology relevant to each course

International Bridge Program courses are offered on a recurring basis in three 5-week modules.

International Bridge Program: Course Descriptions**BR 1001, 1002, 1003: International Education**

This series of course modules develops an awareness of selected issues in international education. Students explore the meaning and purpose of education by examining how education is portrayed in short fiction and film from around the world. Students' previous educational experiences in their own countries will inform the international perspectives introduced in class. Coursework emphasizes critical thinking, visual literacy, and academic vocabulary development.

BR 1011, 1012, 1013: Global Issues

This series of course modules develops an awareness of selected concepts which underscore contemporary issues of global concern. In project-based coursework, students examine topics, careers, people, history and geographical regions pertaining to the themes of foreign aid, emigrational dynamics, intercultural regulations and environmental degradations. Students are required to stay informed of current world news stories through following various national and international news sources. Students also undertake a modest research project based on secondary sources, writing their findings in a short essay using APA documentation.

BR 1021, 1022, 1023: Cultural Studies

This series of course modules develops an awareness of selected concepts which are used to interpret cultures and cultural practices. Students examine cultural practices in the context of a changing, globalizing world as a means of reflecting on their own values and customs. Reflections are stimulated and supported by readings which address facets of selected cultures and individuals in transition. Students share their insights in discussions, field notes, journal writing, multimedia presentations, and an interactive poster session.

BR 1031, 1032, 1033: Sustainability & Local Action

This series of course modules develops an awareness of selected issues that influence the modern need for movement toward sustainability. Students examine how changes in one area can impact seemingly distant or unrelated areas, using the Hawaiian Islands as a model for this concept of inter-connectedness. Students also consider the personal choices they face with respect to sustainability, both as individuals and as members of larger communities. Additional features include service-learning experiences, creating presentations, and leading discussions that demonstrate each student's reflection and evaluation.

BUS 1041, 1042, 1043: International Travel and Tourism

This series of course modules is designed to introduce students to the tourism and hospitality industry by examining the infrastructure, service and marketing in these industries. Coursework focuses on the interdependence of hotel/resorts, food and beverage establishments, attractions, casino, meetings and conventions. Examples from Hawaii and international destinations are used in class.

BUS 1051, 1052, 1053: Business in Global Markets

This series of modules is an introductory course in modern business. Emphasis is placed on basic business terms, concepts, principles, practices, organization structures, and functions of business. Class discussions focus on examples from Hawaii and around the world.

CONCURRENT PROGRAM

Hawai'i Pacific University's Concurrent Program enables motivated students to get a head start on their master's degree while still an undergraduate student. Through the Concurrent program eligible HPU undergraduates may enroll in designated graduate courses and earn both graduate and undergraduate credit simultaneously for the same course. A student has the opportunity to earn three semester hours of graduate credit for every concurrent course completed. A maximum of 12 semester hours may be earned in the program. If a student is admitted into the concurrent program, it is a cost effective means to earn a master's degree in a shorter period of time.

Concurrent Degree Programs

For a list of classes for each of the following Concurrent Programs, please contact the department or go to the Concurrent Programs web site, http://www.hpu.edu/grad/academics/concurrent_programs/index.html

Business Administration (MBA)
Communication (MA)
Diplimacy and Military Studies (MA)
Elementary Education (MEd)
Human Resource Management (MA)
Information Systems (MS)
Global Leadership and Sustainable Development (MA)
Marine Science (MS)
Organizational Change (MA)
Secondary Education (MEd)
Teaching English to Speakers of Other Languages (MA)

Concurrent Degree Certificate:

National Security and Strategic Studies

Eligibility Criteria

1. Current HPU student.
2. GPA 3.0 or above.
3. Completed 90 credits hours (including current term and any transfer credits)
4. In designated programs with Petition for Concurrent Registration (PCR).
5. Students who do not meet these requirements may be admitted via a petition signed by:
 - a. a faculty member,
 - b. the appropriate Program Chair, Department Chair or Director, and
 - c. the College Dean.

Admissions

1. Verify eligibility by meeting with an undergraduate advisor
 - a. The advisor will fill out and sign the Petition for Concurrent Registration (PCR) with designated undergraduate & graduate concurrent courses.
 - b. Any courses not on the Concurrent Program list must have an approved General Petition attached to the PCR by the advisor.
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2. Confirm eligibility by meeting with a graduate advisor
 - a. The graduate advisor will review and approve the PCR.
3. Concurrent Admission requires an approved PCR with a completed graduate program application form.
 - a. Application fee of \$50 is required.
 - b. Transcript from HPU is not required.
 - c. Essay may be required; check with the department.
 - d. Letter of Reference is not required.

Registration for Concurrent Classes

1. Concurrent course registration is not available online. It must be done in person at the Center for Graduate and Adult Services office.
2. Concurrent course tuition will follow the approved guidelines set for concurrent courses. Please check with the Center for Graduate and Adult Services for details.
3. Maximum 12 credit hours can be used for concurrent courses (including any courses that will be counted as graduate credits).
4. Each semester the student must meet first with an undergraduate advisor to select the designated course and get a PCR filled out and signed. This form must then be viewed and approved by a graduate advisor prior to registration

Completion of the Undergraduate Degree

1. If a student successfully completes the Concurrent Program coursework with a 3.0 or higher and has the undergraduate degree conferred, the student can continue in the HPU graduate program without having to take any further steps. Graduate admissions will change the student status from undergraduate to graduate upon the conferral of the degree.
 2. If a student decides not to pursue a graduate program at HPU immediately after graduation, the student has the privilege of entering the graduate program within one year from the date of graduation.
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MINORS



MINORS¹

¹ For policies effective Fall 2012 please see Addendum I at the end of the catalog.

Besides enrolling in a major, students are encouraged to consider one of the many minors of study that are available at Hawai'i Pacific University. A minor program of study encompasses completion of selected courses that are fewer in number and less comprehensive than a major. At least four courses in the minor field must be taken in addition to coursework in the major. All students must complete a minimum of six (6) semester credits of minor course work in residence with HPU in order to be awarded a minor. Although the minor is not listed on the diploma, it is listed on the transcript, provided that the student has completed all necessary course work and the degree has been conferred. Minors must be identified prior to degree conferral. Students may not add minor courses of study to degree programs that have already been completed and conferred on the original transcript.

ACCOUNTING. Five upper-division courses beyond ACCT 2010:

ACCT	3000	Intermediate Accounting I
ACCT	3010	Intermediate Accounting II
ACCT	3020	Intermediate Accounting III
ACCT	3200	Managerial Accounting
ACCT	4100	Auditing

AMERICAN STUDIES. Any 6 of the following courses-four of which must be Upper Division-from at least three different alphas:

AMST	1776	Essential America
AMST	3476	Written on the American Skin
ANTH	3550	Hawai'i in the Pacific: Selected Issues
ANTH	3556	Hawaiian Archaeology
ANTH	3980	Hawaiian Sovereignty, Process and the Sacred Community

ENG	2202	Popular Fiction
ENG	3122	19th-Century American Literature
ENG	3202	Literature of Slavery
ENG	3203	Pidgin Literature
ENG	3224	Ethnic Literature
ENG	3226	Hawai'i Writers
ENG	3227	Hawai'i and the Pacific in Film
ENG	3252	20th-Century American Women Writers of Color
ENG	3812	American Folk Ballads

HIST	2401	American History to 1877
HIST	2402	American History Since 1865
HIST	3411	US: Jackson to Civil War
HIST	3414	"Untied States:" Race and Ethnicity in American History
HIST	3421	Golden Age/Progressive Era
HIST	3441	US History Since WWII
HIST	3461	American Intellectual History
HIST	3465	US-Japanese Relations 1853-Present
HIST	3470	Women in America
HIST	3666	US Military History

HIST	3676	US Diplomatic History
INTR	3940	Contemporary Nations: USA
PSCI	1400	American Political System
PSCI	3401	Issues in American Politics
PSCI	3411	The United States Presidency
PSCI	3412	American Foreign Policy
PSCI	3413	Constitutional Law
PSCI	3415	State and Local Government
PSCI	3416	Elections in Hawaii
PSCI	3430	America: Images from Abroad
PSCI	4310	Contemporary Japan-U.S. Relations

Or other courses approved by the American Studies Program Chair.

ART HISTORY. At least one course from each category for a total of 4 upper-division courses beyond ARTH 2100 (Tribal Arts), ARTH 2000 (Art of Asia), or ARTH 2200 (Western Art):

Tribal

ARTH	3551	Art of the Pacific
ARTH	3552	Art of Polynesia
ARTH	3556	Art of Hawai'i

Asia

ARTH	3301	Art of China
ARTH	3321	Art of Japan
ARTH	3351	Art of India and Southeast Asia

Western

ARTH	3206	Renaissance to Modern Art
ARTH	3611	Art and the Human Body
ARTS	3051	Photography

BIOLOGY. Nine courses of at least 21 semester credits, including at least three upper-division lecture and two upper-division laboratory courses. At least four of these courses (lecture or lab) must be outside the requirements for the student's major.

Lower-Division Requirements (10 credits):

A grade of 'C' or better in this General Biology series is a prerequisite for all upper-division courses.

BIOL	2050	General Biology I
BIOL	2051	General Biology I Lab
BIOL	2052	General Biology II
BIOL	2053	General Biology II Lab

Upper-Division Requirements (11 credits):

One lecture course from each of the following three subject groups, and two laboratory courses

from any two groups, must be completed. Although some courses are listed in more than one group, each course can count towards completion of only one subject group for the minor.

Group 1: Cellular and Molecular Biology

BIOL	3040	General Microbiology
BIOL	3041	General Microbiology Lab
BIOL	3050	Genetics
BIOL	4030	Cell and Molecular Biology
BIOL	4031	Cell and Molecular Biology Lab
BIOL	4040	Environmental Microbiology
BIOL	4041	Environmental Microbiology Lab
CHEM	4030	Biochemistry I
CHEM	4031	Biochemistry I Lab

Group 2: Organismal Biology

BIOL	3020	Plant Biology
BIOL	3021	Plant Biology Lab
BIOL	3030	Comparative Animal Physiology
BIOL	3031	Comparative Animal Physiology Lab
BIOL	3034	Human Physiology
BIOL	3060	Marine Invertebrate Zoology
BIOL	3061	Marine Invertebrate Zoology Lab
BIOL	3070	Marine Vertebrate Zoology
BIOL	3071	Marine Vertebrate Zoology Lab
BIOL	3xxx	Human Anatomy

Group 3: Ecology and Evolution

BIOL	3010	Hawaiian Natural History
BIOL	3020	Plant Biology
BIOL	3021	Plant Biology Lab
BIOL	3054	Evolutionary Genetics
BIOL	3080	Ecology
BIOL	3081	Ecology Lab
BIOL	4040	Environmental Microbiology
BIOL	4041	Environmental Microbiology Lab
MARS	4050	Marine Ecology (Oceanography majors only)
MARS	4051	Marine Ecology Lab (Oceanography majors only)

BUSINESS ECONOMICS. Four upper-division courses beyond ECON 2010 and 2015:

ECON	3010	Intermediate Microeconomics; or ECON 3020 Managerial Economics
ECON	3015	Intermediate Macroeconomics; or ECON 3300 Money and Banking
ECON	3100	Introduction to Econometrics
ECON	3400	International Trade and Finance

CHEMISTRY. 16 upper-division credits beyond the General Chemistry sequence:

General Chemistry sequence (10 credits)

CHEM	2050	General Chemistry I
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CHEM	2051	General Chemistry I Laboratory
CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Laboratory

Organic Chemistry sequence (8 credits)

CHEM	3030	Organic Chemistry I
CHEM	3031	Organic Chemistry I Laboratory
CHEM	3032	Organic Chemistry II
CHEM	3033	Organic Chemistry II Laboratory

Plus one of the following groups (5 credits):

CHEM	3040	Quantitative Analysis
CHEM	3041	Quantitative Analysis Laboratory
		OR
MARS	4070	Chemical Oceanography
MARS	4071	Chemical Oceanography Laboratory
		OR
CHEM	4030	Biochemistry I
CHEM	4031	Biochemistry I Laboratory

Plus one additional course from the following (3 credits):

CHEM	3020	Physical Chemistry I
CHEM	3050	Environmental Chemistry
CHEM	4054	Aquatic Chemistry
CHEM	4950	Practicum
GEOL	3040	Geochemistry
MARS	3070	Chemical Oceanography

CLASSICAL STUDIES. Four upper-division courses:

CLST	3030	Ancient Drama
CLST	3100	Female Figures in Classical Myth, Literature, and Religion
CLST	3405	The Age of Augustus
CLST	4900	Seminar in East-West Classical Studies
ENG	3220	Backgrounds to Literature
HIST	3101	Greek History to Alexander
HIST	3102	The Age of Alexander the Great
HIST	3111	Roman Republic & Empire
HIST	3170	Gender & Sexuality in the Classical World
HIST	4911	Seminar in Ancient History
HUM	3601	Mythology
PHIL	3200	History of Western Philosophy

Or other upper-division humanities courses related to the ancient Western world.

COMMUNICATION STUDIES. Six courses:

Two lower- division courses:

COM	1200	Foundations of Communication Studies
COM	2300	Communication and Culture or COM 2500 Sex, Gender and Communication

Four upper-division courses:

COM	3000	Mass Media
COM	3200	Interpersonal Communication or COM 3300 Intercultural Communication
COM	3320	Persuasion
COM	3900	Communication Theory

COMPUTER INFORMATION SYSTEMS (CIS). Four upper-division courses beyond CSCI 1011 and 3201:

CSCI	3211	Systems Analysis
CSCI	3301	Database Technologies
CSCI	4921	Software Project Management

Plus one upper-division CSCI elective.

COMPUTER SCIENCE. Four CSCI core courses (listed below) plus four CSCI upper-division courses:

CSCI	1911	(or exemption by placement exam)
CSCI	2911	Computer Science I
CSCI	2916	Computer Science I Lab (1 credit)
CSCI	2912	Computer Science II

Four upper-division CSCI courses totaling at least 12 semester credits

DIPLOMACY AND MILITARY STUDIES. Any five of the following Upper-Division courses with at least one from both HIST and PSCI:

HIST	3102	The Age of Alexander the Great
HIST	3200	Europe in the Age of Revolutions
HIST	3465	U.S.-Japanese Relations 1853-Present
HIST	3501	Islam and the Middle East
HIST	3661	History of Warfare to 1500
HIST	3662	War and Society since 1500
HIST	3666	U.S. Military History
HIST	3676	U.S. Diplomatic History
HIST	3870	Modern World Revolutions
HIST	4661	History of Military Thought
HIST	4961	Seminar: Military History
PSCI	3100	International Relations
PSCI	3151	International Law
PSCI	3260	Politics of Terrorism
PSCI	3310	East Asian International Relations
PSCI	3412	American Foreign Policy
PSCI	3430	American: Images from Abroad
PSCI	3630	National and International Security
PSCI	3650	Intelligence Studies
PSCI	4001	International Institutions
PSCI	4201	European Union
PSCI	4310	Contemporary Japan-U.S. Relations
PSCI	4601	Peace and Conflict Studies

Or other courses approved by the DMS Program Chair.

EAST-WEST CLASSICAL STUDIES. Complete either: three courses from Western Traditions and two courses from Eastern Traditions; or two courses from Western Traditions and three courses from Eastern Traditions.

WESTERN TRADITIONS

CLST	3030	Ancient Drama
CLST	3100	Female Figures in Classical Myth, Literature, and Religion
CLST	3405	The Age of Augustus
CLST	4900	Seminar in East-West Classical Studies (topics to vary)
ENG	3220	Backgrounds to Literature
HIST	3101	Greek History to Alexander
HIST	3102	The Age of Alexander the Great
HIST	3111	Roman Republic and Empire
HIST	3170	Gender and Sexuality in the Classical World
HIST	3661	History of Warfare to 1500
HUM	3601	Mythology
PHIL	3200	History of Western Philosophy
REL	3152	Early Christian Literature
REL	3600	War in World Religions
REL	4900	Seminar in Religious Studies (topics to vary)

EASTERN TRADITIONS

ARTH	3301	Art of China
ARTH	3321	Art of Japan
ARTH	3351	Art of India and Southeast Asia
CLST	4900	Seminar in East-West Classical Studies (topics to vary)
ENG	3222	Asian Dramatic Literature
HIST	3326	Cultural History of Japan
HIST	3362	History of India
PHIL	3300	History of Eastern Philosophy
REL	3310	Asian Traditions
REL	4600	War in World Religions
REL	4900	Seminar in Religious Studies (topic to vary)

Note: Students are encouraged, but not required, to study a classical language, preferably Latin, Greek, Japanese, or Chinese.

ECONOMICS. Six upper-division Economics courses beyond ECON 2010 and ECON 2015:

ECON	3010	Intermediate Microeconomics; or ECON 3020 Managerial Economics
ECON	3015	Intermediate Macroeconomics; or ECON 3300 Money and Banking
ECON	3100	Introduction to Econometrics
ECON	3400	International Trade and Finance
ECON	3420	Economic Development

Plus one of the following:

ECON	3310	Public Finance
GEOG	3730	Economic Geography

ENGLISH. Six upper-division courses beyond WRI 1150 or any 2000-level ENG:

HUM 3900 Research and Writing in the Humanities

Plus any 3 3000-level ENG or LIT courses

Plus any 2 upper-division ENG, LIT or WRI courses

ENTREPRENEURIAL STUDIES. Four 3000-level courses beyond the upper-division business requirements:

MGMT 3200 Small Business Management

MGMT 3210 Contemporary Entrepreneurship

MGMT 3220 Franchising

MKTG 3100 Consumer Behavior; or MKTG 3110 Market Research

ENVIRONMENTAL STUDIES. Six upper-division courses beyond ENVS 2000:

One or both of

ENVS 3010 Environmental Impact Analysis

ENVS 3030 Earth Systems and Global Change

Plus

ENVS 4100 Society and Environment: Contemporary Issues Seminar

Plus three or four of the following:

ANTH 3115 Culture, Religion, and the Environment

COM 3500 Technical Communication

ECON 3430 Environmental Economics

GEOG 3720 Population Dynamics

LAW 3300 Environmental Law and Policy

PHIL 3651 Environmental Ethics

FILM STUDIES. Six upper-division courses:

COM 3260 Exploring Film or PHIL 3260 Exploring Film

ENG 3330 Film Theory and Criticism

Plus any four of the following electives:

ENG 3101 Shakespeare on Screen

ENG 3145 Nonfiction Film: Documentary, Docudrama, and Historical Film

ENG 3201 Reel War: Military Conflict on Screen

ENG 3227 Hawai'i and the Pacific in Film

ENG 3350 Literature Adapted to Screen

PSCI 3620 Politics in Film

WRI 3320 Scriptwriting

FINANCE. Four upper-division courses beyond FIN 3000:

ECON 3300 Money and Banking

ECON 3400 International Trade and Finance

FIN 3300 Investments

FIN 3400 Financing in the Money and Capital Markets

GENDER AND WOMEN'S STUDIES. Six courses:

HUM 1270 Introduction to Women's Studies

Plus five courses from the following list below. No more than 3 courses may have the same alpha (alphabetic prefix such as ENG, HIST or SOC):

ANTH	3360	Men and Women in Modern Society
ANTH	3365	Women in Asia
ARTH	3611	Art and the Human Body
CLST	3100	Female Figures in Classical Myth, Literature, and Religion
ENG	3250	Texts and Gender
ENG	3251	Sex, Power and Narrative
ENG	3252	20th-Century American Women Writers of Color
HIST	3070	Sex, Gender, and History
HIST	3170	Gender and Sexuality in the Classical World
HIST	3270	Gender in Medieval and Early Modern Europe
JADM	3540	Women, Minorities, and Justice
PSCI	3902	Women and Politics
SOC	3320	Marriage and the Family
SOC	3329	Sociology of Gender and Sexuality
SOC	3760	Women, Minorities and Justice

Or other special topic courses pertinent to the study of gender. *Please consult the Faculty Advisor to determine applicability to the minor.*

GEOGRAPHY. Five upper-division courses beyond GEOG 1500, or GEOG 2000 or GEOG 2500.

Four upper-division GEOG courses and one course from the INTR Contemporary Nations series.

GLOBAL COMMUNICATION. Six courses:

Two lower- division courses:

COM	1200	Foundations of Communication Studies
COM	2300	Communication and Culture

Four upper-division courses:

COM	3000	Mass Media
COM	3300	Intercultural Communication
COM	3750	Global Communication Cases
COM	3760	Communication Futures

HISTORY. Any five upper-division HIST courses beyond any single 2000-level HIST course.

HUMAN RESOURCE DEVELOPMENT. Six upper-division courses beyond MGMT 1000:

MGMT	3100	Business in Contemporary Society
MGMT	3400	Human Resource Management
MGMT	3440	Organizational Behavior and Change
PSY	3120	Group Dynamics in Organizations
PSY	3122	Industrial/Organizational Psychology

Plus one upper-division elective from courses making up the HRD major.

HUMAN RESOURCE MANAGEMENT. Four upper-division courses beyond MGMT 3400:

MGMT	3410	Public Personnel Administration
MGMT	3420	Compensation Management

MGMT 3440 Organizational Change and Development

PSY 3122 Industrial/Organizational Psychology

HUMAN SERVICES. Six upper-division courses

LAW 3000 Business Law I

SOC 3530 Non-Profit Organizations & their Management

SOC 4500 Program Design for the Human Services

Plus one human development course:

PSY 3400 Lifespan Development Psychology or

SWRK 3003 Human Behavior in the Social Environment I

Plus one macro methods course:

SOC 3560 Community Intervention or

SWRK 4010 Methods of Social Work IV

Plus one 3000- or 4000-level course chosen from ACCT, ADPR, COM, MGMT or MKTG

HUMANITIES. Six upper-division courses:

HUM 3900 Research and Writing in the Humanities

Plus five other upper-division ARTH, CLST, ENG, HIST, HUM, LIT, PHIL, or REL courses.

INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY. Six upper-division courses beyond PSY 1000:

MKTG 3100 Consumer Behavior

PSY 3121 Applications of Psychology to Management

PSY 3122 Industrial/Organizational Psychology

Plus any three upper-division Psychology courses. (Courses listed below are recommended when available.)

PSY 3120 Group Dynamics in Organizations

PSY 3300 Social Psychology

PSY 3500 Tests and Measurements in Psychology

INTERNATIONAL BUSINESS. Four upper-division courses beyond the upper-division business requirements:

ECON 3400 International Trade and Finance

ECON 3900 Economic Issues of Asia

MGMT 3300 International Business Management

MKTG 3420 International Marketing

INTERNATIONAL STUDIES. Six upper-division courses:

ANTH 3110 Symbolism, Myth, and Ritual

Plus five other upper-division international courses, at least two dealing with a European culture or area and at least two with an Asian area or culture. And of these five, at least two from the humanities (including history) and two from the Social Sciences.

JAPANESE.

Option 1: 5 courses beyond JPE 2200 taken at HPU.

Required Courses (12 credits):

JPE 3100 Advanced Japanese I

JPE 3200 Advanced Japanese II

JPE 4100 Advanced Japanese III

Elective courses (6-7 credits):

Choose two:

ANTH	3300	Japanese Society and Culture
ARTH	3321	Art of Japan
ENG	3135	apanese Literature
GEOG	3310	Geography of Japan
HIST	2321	Introduction to Japanese Civilization
HIST	3322	History of Modern Japan
HIST	3326	Cultural History of Japan
HIST	3465	U.S.–Japan Relations 1853–Present
INTR	3935	Contemporary Nations: Japan
JPE	4200	Advanced Japanese IV
PSCI	4310	Contemporary Japan–U.S. Relations

Option 2: One-year study abroad in Japan (30 credits)

Students participate in the student exchange study abroad programs at one of HPU’s sister schools in Japan: Hakodate University, Nagoya University of Foreign Studies, Osaka Gakuin University, Obirin University, and Surugadai University.

JOURNALISM. Six courses:

JOUR	3000	Newswriting for Integrated Media
JOUR	3300	Reporting
JOUR	3400	Editing or JOUR 3420 Publication Design
JOUR	3550	Publication Production
MULT	2465	Motion Picture Production or JOUR 3455 Photojournalism
MULT	3360	Writing for New Media or MULT 3475 Web Interface and Design

JUSTICE ADMINISTRATION. Six upper-division Justice Administration courses:

JADM	3050	Criminology
JADM	3060	Justice Systems
JADM	3070	Justice Management
JADM	3300	Criminal Procedures
JADM	3500	Criminal Law

Plus one other upper-division JADM or appropriate MGMT, PSCI, or SOC course.

MANAGEMENT. Four upper-division courses beyond the upper division business requirements:

MGMT	3200	Small Business Management
MGMT	3300	International Business Management
MGMT	3440	Organizational Planning and Development
MKTG	4400	Marketing Management

MARKETING. Four upper-division courses beyond MKTG 3000:

MKTG	3100	Consumer Behavior *
MKTG	3110	Market Research*
MKTG	3420	International Marketing
MKTG	4400	Marketing Management

*Advertising/Public Relations: Strategic Communication majors only may substitute
MKTG 3200 Product Management and Creativity Marketing for MKTG 3100
MKTG 3700 Electronic Marketing for MKTG 3110

MATHEMATICS. Five upper-division courses beyond MATH 2215:

MATH 3301 Discrete Mathematics
MATH 3305 Linear Algebra
Plus three other upper-division MATH courses

MULTIMEDIA. Six courses:

Two lower-division courses:

MULT 2000 Introduction to Cinema Studies or MULT 2060 Modern Media Systems
MULT 2460 Graphic Design or MULT 2465 Video Production I

Two upper-division courses:

MULT 3360 Writing for New Media
MULT 3475 Web Interface and Design

Two of the following:

MULT 3510 Nonlinear Editing
MULT 3560 Documentary Production
MULT 3600 Creative Media Production
MULT 3675 Advanced Web Design
MULT 3750 Motion Graphics and Compositing
MULT 3780 Global Documentary
MULT 4702 Mobile Design
MULT 4900 Multimedia Seminar

MUSIC

MUS 1000 Introduction to Western Classical Music
MUS 2400 Music Theory I

Instrumentalists/Vocalists: 2 semesters of ensemble or chamber courses and 2 semesters of applied music.

Pianists: 4 semesters of applied music or 2 semesters of applied music and 2 semesters of piano related ensemble or chamber courses.

Plus two courses from the following:

MUS 3010 Jazz History
MUS 3030 Musical Theater
MUS 3100 Theater Music of the World
MUS 4000 Topics in Music

Plus one upper-division course in music or any other arts discipline (ARTH, PHIL, THEA):

ARTH 3551 Art of the Pacific
ARTH 3552 Art of Polynesia
ARTH 3556 Art of Hawai'i

ARTH	3611	Art and the Human Body
PHIL	3501	Philosophy of Art and Aesthetics
PSY	3160	Psychology of Music
THEA	3420	Acting II
THEA	352	Acting III
THEA	4520	Acting IV
THEA	4900	Seminar in Theater
THEA	4950	Theater Performance

OCEANOGRAPHY. The minor requires a total of 26-27 credits in MARS courses:

MARS	1020	Oceanographic Field Techniques
MARS	2060	Geology, Chemical & Physical Oceanography
MARS	2061	Geology, Chemical & Physical Oceanography Lab
MARS	2062	Marine Biology
MARS	2063	Marine Biology Lab

Five courses from the following list at least one of which must be a lab:

MARS	3084	Descriptive Regional Oceanography
MARS	4060	Geological Oceanography
MARS	4061	Geological Oceanography Lab
MARS	4070	Chemical Oceanography
MARS	4071	Chemical Oceanography Lab
MARS	4080	Dynamic Physical Oceanography
MARS	4081	Dynamic Physical Oceanography Lab

PHILOSOPHY

Five of the following with at least one course from each group:

History of Philosophy

PHIL	3200	History of Western Philosophy
PHIL	3300	History of Asian Philosophy

Ethics and Aesthetics

PHIL	3260	Exploring Film
PHIL	3501	Philosophy of Art and Aesthetics
PHIL	3651	Environmental Ethics

Social and Political Philosophy

PHIL	3731	Philosophy of Social Sciences
PHIL	4501	Reordering Social Values
HUM	3000	The Contemporary Choices

PHYSICAL SCIENCES

CHEM	3020	Chemical Thermodynamics and Kinetics
GEOL	3040	Geochemistry
PHYS	2054	Modern Physics

Plus two courses from the following, but no more than one from any alpha:

CHEM	3040	Quantitative Analysis
CHEM	4054	Aquatic Chemistry

GEOL 3010 Mineralogy
GEOL 3020 Hydrogeology
GEOL 3030 Sedimentology

MARS 3060 Geological Oceanography
MARS 3080 Dynamical Physical Oceanography

POLITICAL SCIENCE. Six upper-division Political Science or International Studies courses beyond PSCI 1400 or PSCI 2000 or PSCI 2500.

PRE-MEDICAL STUDIES. Twenty courses of at least 45 credits (including lecture, laboratory, and internship courses). At least four of these courses (lecture, laboratory, or internship) must be outside the requirements for the student's major.

Lower-Division requirements (28 credits)

BIOL 2050 General Biology I
BIOL 2051 General Biology I Laboratory
BIOL 2052 General Biology II
BIOL 2053 General Biology II Laboratory
CHEM 2050 General Chemistry I
CHEM 2051 General Chemistry I Laboratory
CHEM 2052 General Chemistry II
CHEM 2053 General Chemistry II Laboratory
PHYS 2050 General Physics I
PHYS 2051 General Physics I Laboratory
PHYS 2052 General Physics II
PHYS 2053 General Physics II Laboratory

Upper-Division requirements (11 credits)

CHEM 3030 Organic Chemistry I
CHEM 3031 Organic Chemistry II Laboratory
CHEM 3032 Organic Chemistry II
CHEM 3033 Organic Chemistry II Laboratory
PMED 3900 Pre-Medical Studies Seminar
PMED 3990 Non-Paid Internship or PMED 3991 Paid Internship

Plus two additional courses from the following (6 credits)

ANTH 3200 Medical Anthropology
BIOL 3034 Human Physiology
BIOL 3036 Human Anatomy
BIOL 3040 General Microbiology
BIOL 4020 Cancer Biology
BIOL 4030 Cell and Molecular Biology
BIOL 4031 Cell and Molecular Biology Laboratory
CHEM 4030 Biochemistry I
CHEM 4031 Biochemistry I Laboratory

PSYCHOLOGY. Six upper-division Psychology courses beyond PSY 1000:

Note: PSY 2100 and PSY 2200 or other approved Statistics (MATH 1123, SOC 3200) and Research Methods (SOC 3100) courses are required for most upper-division PSY courses.

PUBLIC ADMINISTRATION. Four upper-division courses beyond the upper division business requirements and beyond PSCI 2000:

MGMT	3410	Public Personnel Administration
PSCI	3010	Political Socialization; or PSCI 4051 Comparative Politics
PSCI	3200	Public Administration
SOC	3570	American Social Welfare Policy

RELIGIOUS STUDIES. Five upper division courses

Any three upper division REL courses

Plus any two courses chosen from the following list:

ANTH	3110	Symbolism, Myth, and Ritual
ANTH	3115	Culture, Religion, and the Environment
ARTH	3611	Art of the Human Body
ANTH	3960	Cultural Sites and Practices of the Ancient Hawaiians
ANTH	3980	Hawaiian Sovereignty, Process, and the Sacred Community
ARTH	3301	Art of China
ARTH	3321	Art of Japan
ARTH	3351	Art of India and SE Asia
ARTH	3551	Art of the Pacific
ARTH	3552	Art of Polynesia
ARTH	3556	Art of Hawai'i
CLST	3100	Female Figures in Classical Myth, Literature, and Religion
ENG	3222	Asian Dramatic Literature
HIST	3151	Medieval Europe
HIST	3270	Gender in Medieval and Early Modern Europe
HIST	3501	Islam and the Middle East
HUM	3601	Mythology
INTR	3900	Contemporary Nations Seminar
PHIL	3300	History of Asian Philosophies
PSCI	4605	Islam and Politics
REL	3001	Religion and Social Change
REL	3007	On Death and Dying
REL	3200	Abrahamic Traditions
REL	3310	Asian Traditions
REL	3500	Indigenous Traditions
REL	3600	War in World Religions
REL	3700	Female Figures in the Bible
REL	4002	World Religions, Sustainability, and Globalization
REL	4900	Seminar in Religious Studies

Or any other upper division REL course

SOCIAL SCIENCES. Six upper-division Social Science courses:

PSY	3300	Social Psychology
SOC	3100	Methods of Inquiry
SOC	3200	Social Statistics

Plus three upper-division courses from ANTH, PSCI, PSY, or SOC.

SOCIOLOGY. Five upper-division Sociology courses beyond SOC 1000.

SPANISH.**Option 1: Five upper-division courses beyond SPAN 2200:**

Four required courses (16 credits)

Both of these:

SPAN 3100 Advanced Spanish Speaking and Listening

SPAN 3200 Advanced Spanish Writing and Grammar

Choose two Culture and Literature courses:

SPAN 3310 Culture and Literature of Spain

SPAN 3320 Culture and Literature of Mexico and Central America

SPAN 3330 Culture and Literature of South America

SPAN 3340 Culture and Literature of Caribbean

SPAN 3350 Culture and Literature of Spanish-speakers in the U.S.

One Elective (3 or 4 credits)

Choose from:

SPAN 33xx Any third Culture and Literature course from the list above

ANTH 3815 Mexican Culture and Identity (offered at La Universidad Latina de América, in Morelia, México)

HIST 3242 History of Spain.

Option 2: Semester study abroad in Mexico or Spain

SPAN 3100 Advanced Spanish Speaking and Listening or SPAN 3200 Advanced Spanish Writing and Grammar

Plus fifteen credits in content courses taught in Spanish at one of three study abroad sites. Students may participate in a semester exchange in either Fall or Spring with la Universidad Latina de América in Morelia, México or in Spring with la Universidad de Cádiz or La Universidad de Sevilla in Spain. Students must have completed SPAN 3100 or SPAN 3200 with a grade of C or better by the time of the trip.

SPEECH COMMUNICATION. Six courses:

Two lower-division courses:

COM 2000 Public Speaking

COM 2460 Argumentation and Debate

Four upper-division courses:

COM 3320 Persuasion

COM 3440 Advanced Public Speaking

COM 3670 Legal Communication

COM 3680 Rhetorical Theory

STRATEGIC COMMUNICATION. Six courses:

ADPR 2000 Introduction to Integrated Advertising and Public Relations

ADPR 3200 Public Relations Writing or ADPR 3500 Creativity and Copywriting

ADPR 3400 Media Strategy

ADPR 3700 Integrated Promotion Management

COM 3250 Communication Research

COM 3320 Persuasion

STUDIO ART. Six courses beyond ARTS 1000:

ARTS 2010 Beginning Drawing

One of the following courses:

ARTS 2020 Intermediate Drawing

ARTS 2150 Introduction to Design

MULT 2460 Graphic Design

Choose four from the following courses:

ARTS 3010 Introduction to Sculpture

ARTS 3020 Introduction to Painting

ARTS 3051 Introduction to Photography

ARTH 3206 Renaissance to Modern Art

ARTH 3361 Art and the Human Body

ARTH 3551 Art of the Pacific

ARTS 4901 Advanced Studio Projects

TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES. Six upper-division Applied Linguistics courses beyond AL 2000:

AL 3110 Phonetics and English Phonology

AL 3120 English Syntax

AL 3950 Language Classroom Experience (usually taken 1 credit at a time)

AL 4710 TESOL Materials, Methods, Testing I: Spoken English

AL 4720 TESOL Materials, Methods, Testing II: Written English

AL 4960 Practice Teaching I

THEATER. Seven courses:

THEA 1000 Introduction to Theater

THEA 1400 Introduction to Technical Theater

THEA 2320 Acting I: Basic Acting for Stage and Screen

THEA 3420 Acting II: Fundamentals of Scene Study

THEA 4950 Theater Performance

Plus two additional upper-division courses from the following:

COM 3260 Exploring Film

ENG 3221 Western Dramatic Literature

ENG 3222 Asian Dramatic Literature

ENG 4100 Shakespeare Seminar

PHIL 3501 Philosophy of Art and Aesthetics

THEA 3500 Applied Technical Theater

THEA 3520 Intermediate Scene Study

THEA 3600 Advanced Technical Theater

THEA 3620 Directing

THEA 4520 Acting IV: Advanced Acting

THEA 4900 Seminar in Theater

WRI 3320 Scriptwriting

TRAVEL INDUSTRY MANAGEMENT. Four upper-division courses beyond the upper-division business requirements and beyond TIM 1010 and one TIM work experience:

TIM 3110 Hotel and Resort Management

TIM	3210	Food and Beverage Management
TIM	3610	Travel Industry Marketing
TIM	4310	Passenger Transportation Management

WRITING. Six upper-division courses

WRI 4990 Professional Writing Portfolio Seminar

Plus any five courses taken from the following list

COM	3400	Communicating Professionally
COM	3420	Business Communication
COM	3500	Technical Communication
HIST	3900	Research and Writing across Time and Culture
HUM	3900	Research and Writing in the Humanities
JOUR	3300	Newswriting
JOUR	3400	Editing
MULT	3360	Writing for New Media
SWRK	3300	Writing and Research in Social Work
WRI	3310	Poetry Workshop
WRI	3311	Childhood and Poetry
WRI	3313	The Sacred and Erotic in Lyric Poetry
WRI	3320	Scriptwriting
WRI	3330	Fiction Writing
WRI	3340	Creative Nonfiction Writing Workshop
WRI	3390	Literary Magazine
WRI	3391	Wanderlust: HPU Student Literary Magazine
WRI	3510	Composition Studies
WRI	3950	Professions in Writing Practicum

The required course, Professional Writing Portfolio Seminar, is a capstone class and should be taken after or simultaneously with the completion of the rest of the minor.



UNDERGRADUATE CERTIFICATE PROGRAMS



UNDERGRADUATE CERTIFICATES

ANTHROPOLOGY CERTIFICATES

Anthropology is the study of human diversity. It explores the changing, multicultural world in which we live in order to understand the rich varieties of the human adventure. Its goal: to help people, despite their differences, live and work together in mutually meaningful and rewarding ways.

KEY ADVANTAGES OF AN ANTHROPOLOGY CERTIFICATE

- Enhance your current degree major without necessarily taking additional courses.
- Enrich your understanding of today’s complex, multicultural, changing world.
- Learn to navigate across different specializations to deal effectively with real world problems.
- Broaden your education with concrete work experiences that allow you to apply class-room skills in real-life situations and add credibility to your job résumé.
- Reinforce reading and writing skills needed to succeed in today’s competitive environment.

CERTIFICATE IN ASIAN STUDIES

For two centuries, Asia and Hawai‘i have been intimately connected. Asia’s remarkable economic growth, followed now by a decline, has reverberated throughout Hawai‘i’s economy. The challenge is to understand these processes – how they have shaped and re-shaped Asian societies. The Asian Studies Certificate focuses on the political economy of the region. Through an exploration of four overlapping fields – anthropology, international relations, history, and political science – the certificate examines the plights and possibilities of development in Asia as well as the hopes and harms entwined with recent social changes. Particularly relevant to majors in advertising, anthropology, communication (speech, theater, visual communication), economics, history, humanities, human resource development, human services, international relations, international studies, journalism, justice administration, literature, political science, psychology, public relations, social science, business economics, entrepreneurial studies, finance, human resource management, international business, management, marketing, and social work.

ANTH 3950 Internship/Practicum

Choose one of the following courses:

ANTH 3300 Japanese Culture and Society

ANTH 3302 Chinese Culture and Society

Choose three courses from the following list:

ANTH 3300 Japanese Culture and Society*

ANTH 3302 Chinese Culture and Society*

* (only if not used elsewhere in this certificate)

ANTH 3365 Gender in Asia

ECON 3900 Economic Issues of Asia

HIST 3302 History of Modern China

HIST 3322 History of Modern Japan

HIST 3352 History of Modern South East Asia

INTR	39xx	Contemporary Nations Series (any courses with this alpha on an Asian country or region)
PSCI	3301	Major Asian Political Systems
PSCI	3310	East Asian International Relations
PSCI	4310	Contemporary Japan - US Relations
PSCI	4320	Comparative Political Economy of Developing Nations

Choose three of the following courses:

CERTIFICATE ON THE BODY, SEX, AND FOOD

With the advent of mass marketing, music videos and cable television, today's youth culture is saturated with images and ideas that locate power, prestige and desire firmly within consumer culture and the iconic male and female bodies that symbolize and fetishize it. This certificate seeks to give students the intellectual skills to interrogate the human body as a site of many different levels of cultural activity. In contrast to the idea of bodies and their appetites as passive vehicles for advertising, this certificate will encourage students to investigate and reflect critically on the ways in which the body and its appetites are used to construct, challenge and reflect social and cultural ideals. By looking at both cultural and biological perspectives on the body, bodily practice and the ways in which bodies are objectified, utilized and experienced, students will gain an appreciation for the way in which the human body acts as a focus for important cultural, social and political activity. The scope of this certificate is broad, ranging from issues surrounding the maintenance of the body such as the meanings and uses of food, to the sociology of the performing arts, to uses of massed bodies in collective action from demonstrations to massacres and memorials. Relevant to majors in anthropology, the humanities, international studies, political science, social work, communication, psychology, and sociology.

ANTH 3950 Internship/Practicum

Choose four courses from the following list:

ANTH	3200	Medical Anthropology
ANTH	3360	Men and Women in Modern Society
ANTH	3365	Gender in Asia
ANTH	3400	Anthropology of Food and Eating
ANTH	3403	Topics of Ethnomusicology: Rhythm and Culture
ANTH	3580	Impact of Tourism on Local Culture
ARTH	3611	Art and the Human Body
ENG	3252	20 th -Century Women Writers of Color
INTR	3901	International Human Rights
PSCI	3401	Issues in American Politics
PSCI	4200	Politics of Culture and Race

CERTIFICATE IN CULTURAL AND SOCIAL ANALYSIS

Anthropology has traditionally understood its mission primarily in academic terms. This certificate aims to introduce students to more recent developments in anthropology which are specifically focused on contemporary social and political issues, but which are informed by social theory and the holistic and cross-cultural approaches of modern anthropological practice. Students in this certificate will learn how to utilize contextual information on culture, history, economics, and politics to better understand the issues of meaning and belief that underlie modern political and social action. Cross-cultural analysis will be used to highlight important similarities and differences between the ways in which different societies engage with a similar set of issues. This certificate would have a natural constituency among anthropology majors, but would also be attractive to students in fields such as humanities, international studies, nursing, political science, psychology, and sociology wishing to pursue advanced undergraduate training in social analysis. It would also be attractive students aiming at graduate work in law, the social sciences or social work.

ANTH 3950 Internship/Practicum

Choose *four* courses from the following list:

ANTH 3000 Is Global Citizenship Possible?
ANTH 3110 Symbolism, Myth and Ritual
ANTH 3200 Medical Anthropology
ANTH 3230 Making a Difference
ANTH 3250 Anthropology of "First" Contact and Colonialism
ANTH 3360 Men and Women in Modern Society
ANTH 3980 Hawaiian Sovereignty, Process, and the Sacred Community
ENG 4320 Seminar in Postcolonial Literature
INTR 4110 Diaspora Cultures
PSCI 4200 Politics of Culture and Race
PSCI 4601 Peace and Conflict Studies
SOC 3750 Social Movements and Collective Behavior or SOC 3760 Women, Minorities and Justice

CERTIFICATE IN CULTURE AND LANGUAGE LEARNING

Hawai'i has gained a reputation as a living study in cross-cultural communication and interaction. Though dozens of different languages may be spoken in homes and workplaces around Hawai'i, English is the lingua franca. Language in Hawai'i is often the topic of discussion and concern in the media, in political arenas, and certainly in schools at all levels. The Certificate in Culture and Language Learning not only examines the relationship between language and culture but also strives to augment the knowledge and teaching skills of the student seeking to know more about English as one of the languages most spoken around the world. Particularly relevant to majors in anthropology, social work, communication (speech, theater, visual communication), human services, journalism, literature, psychology, public relations, social science, and teaching English to speakers of other languages.

ANTH 3700 Culture and Language
AL 2000 Introduction to Linguistics
AL 3320 Sociolinguistics

Choose one of the following advanced Applied Linguistics classes:

AL	3110	Phonetics and English Phonology
AL	3120	English Syntax
AL	3130	Semantics
AL	3310	History of the English Language
AL	3340	Translation in Second Language Acquisition
AL	3500	Second Language Learning and Teaching

Choose one of the following pedagogical Applied Linguistics classes:

AL	3350	Group Dynamics for Language Teachers
AL	3740	Technology in Language Teaching
AL	3750	Creating Language Teaching Materials
AL	4710	Materials/Methods/Testing: Spoken English
AL	4720	Materials/Methods/Testing: Written English
ANTH	3700	Culture and Language

HAWAII / PACIFIC STUDIES CERTIFICATE

The Pacific is truly one of the world's great wonders. Covering roughly one-third of the earth's surface, its islands – small in size and population – present a staggering array of cultural and ecological diversity. Close to one-fourth of the world's languages, for example, can be found among this tiny fraction of the globe's population. The Hawai'i/Pacific Studies Certificate places Hawai'i's cultural traditions within the broader context of the Pacific that continues to nourish them. Through the exploration of overlapping fields, the certificate examines critical Pacific issues that have framed (and continue to frame) Hawai'i's own development. Particularly relevant to majors in advertising, anthropology, economics, human resource development, justice administration, political science, communication (speech, theater, visual communication), journalism, public relations, history, humanities, human services, international studies, literature, psychology, social science, military studies, social work, business economics, entrepreneurial studies, finance, human resource management, international business, management, and marketing.

ANTH	3950	Internship/Practicum
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Choose four courses from the following list:

ANTH	3000	Is Global Citizenship Possible?
ANTH	3230	Making a Difference
ANTH	3500	Appreciating Pacific Worlds
ANTH	3550	Hawai'i in the Pacific: Selected Issues
ANTH	3556	Hawaiian Archaeology
ANTH	3980	Hawaiian Sovereignty, Process and the Sacred Community
ARTH	3556	Art of Hawai'i, or ARTH 3551 Art of the Pacific, or ARTH 3552 Art of Polynesia
HIST	3556	History of Hawai'i, or HIST 3551 Pacific Island History, or ANTH 3980 Hawaiian Sovereignty, Process and the Sacred Community

CERTIFICATE IN MANAGING OUR MORTALITY

Research indicates that death in the United States is often a lonely, painful, uncaring experience dominated by technology. This certificate provides learners from various sectors of the community with a basic foundation that focuses upon the primary issues facing people at the end of life. Framed within theories of caring, the personal, professional, institutional, and legal barriers to quality end of life care will be researched and analyzed. The certificate in Managing Our Mortality envisions certificate students as agents of change willing to move into the broader community to create caring and ethical end of life environments. Particularly relevant to majors in anthropology, human services, psychology, social science, pre-medical studies, nursing, and social work.

ANTH 3200 Medical Anthropology
ANTH 3922 Managing Our Mortality (cross-listed as NUR 3922)
ANTH 3950 Internship/Practicum
Plus any two upper division ANTH or NUR courses

CERTIFICATE IN PUBLIC ANTHROPOLOGY

Public anthropology emphasizes the student/scholar’s responsibility to actively address central issues of our time. It affirms a commitment, through ethnography, to reframing the terms of public debate—transforming received, accepted understandings of social issues with new insights, new framings. The certificate affirms student/scholars as active citizens that, in striving for social justice, empower others and transforms political structures. The certificate brings together courses from a range of disciplines that (1) systematically analyze important social issues and (2) offer ways to effectively reframe and rethink them in order to address and, to the degree possible, bring sense, sensibility, and change to the way we cope with them today. The certificate examines a range of issues including the environment, tourism, and peace studies which are all of major importance within the specific location of Hawai‘i. The specific “local” focus of the certificate makes it an ideal course of study for students wishing to gain experience and greater knowledge of the issues and challenges facing this part of the world specifically. This focus is an attempt to get students to engage critically with their own surroundings wherever these may ultimately be. The constituency for this certificate includes Anthropology majors, students majoring in political science, international studies, humanities (with a specific interest in Pacific and Hawaiian studies) and sociology.

ANTH 3950 Internship/Practicum

Choose *four* courses from the following list:

ANTH 3000 Is Global Citizenship Possible?
ANTH 3115 Culture, Religion, and the Environment
ANTH 3230 Making a Difference
ANTH 3250 Anthropology of “First” Contact and Colonialism
ANTH 3500 Appreciating Pacific Worlds
ANTH 3550 Hawai‘i in the Pacific: Selected Issues
ANTH 3580 Impact of Tourism on Local Culture
ANTH 3980 Hawaiian Sovereignty, Process, and the Sacred Community
PSCI 4200 Politics of Culture and Race
PSCI 4601 Peace and Conflict Studies

INDIVIDUALIZED CERTIFICATE IN ANTHROPOLOGY

Students are encouraged to explore new syntheses across the disciplines just as anthropology itself does. Students construct their own certificates in association with the program's anthropologists, the Dean of International Studies, and the University's advising staff. A key requirement is that students take charge of their education and decide how they want to bring different perspectives, different disciplines, together in productive, insightful ways that enhance their educational experience. This certificate serves two constituencies: 1) students outside the Anthropology major who have a sustained interest in anthropological issues and perspectives. 2) Students who are Anthropology majors who are studying areas of Anthropology that are either not covered by an existing certificate, or for which there is substantial overlap with courses offered in other departments and schools

ANTH 3950 Internship/Practicum

Four courses at the 3000 level or higher, with the permission of the Dean of Humanities and Social Sciences and anthropology faculty. Courses must have substantial anthropological content or be relevant to a field of interest to which the student will apply an anthropological perspective.

COMPUTER INFORMATION SYSTEMS CERTIFICATE

The demands of the modern business world are constantly changing. The Computer Information Systems (CIS) Certificate Program is meant to provide the modern tools necessary to execute business procedures with standard programs as well as to customize applications to meet business needs.

Earning a certificate means that the student has obtained competency in database theory, data communications, and a modern programming language.

CIS Certificate Requirements

Students are expected to be familiar with introductory programming concepts and common computer application to business. To earn the certificate, the student must complete a minimum of four courses, earning a grade of "A" or "B" in each course at Hawai'i Pacific University. This program is not available to BSBA-Computer Information Systems, BSCS, and MSIS majors at Hawai'i Pacific University.

Students must take two courses preferably in one specific language.

CSCI 37xx Modern Programming Language I
CSCI 37xx Modern Programming Language II

Students must take one of the following courses:

CSCI 3301 Database Technologies (undergraduate level course)
IS 6065 Enterprise Information Management (graduate level course)

Students must take one of the following courses:

CSCI 3401 Data Communication (undergraduate level course)
IS 6130 Telecommunications (graduate level course)

FORENSIC HEALTH SCIENCE CERTIFICATE

Forensic Science is on the threshold of biotechnical advancement. Individuals working in the human service area can facilitate a valuable service in the transition of trauma victims from health care institutions to the court of law. The forensically educated professional could be a critical component in facilitating the proper recognition and collection of evidence in complex forensic cases. With the application of deoxyribonucleic acid (DNA) profiling, virtually any scrap of evidence can provide genetic evidence to assist in the apprehension (or elimination) of a perpetrator. These new technologies are helping to revolutionize the ability to bring to justice criminals who commit violent crimes.

REQUIRED COURSES

NUR	3972	Introduction to Forensic Science
NUR	3973	Criminalistics and the Investigation of Injury and Death
NUR	3974*	Clinical Internship in Forensic Health Science
PSY	3310	Forensic Psychology

* NUR 3974 students need to meet the health requirements of the School of Nursing. See Nursing Student Clinical Health Requirements on our web site for specifics.

HUMAN RESOURCE MANAGEMENT CERTIFICATE

The Undergraduate Certificate in Human Resource Management (CHRM) program provides a solid base of HR knowledge. It will help broaden one's knowledge on the most current trends and practices in HR with its local and global focus. It will help elevate one's standing in the HR and business communities, boost career opportunities, and will earn an individual increased credibility and respect within the profession and the organization where you are employed. Earning the CHRM is a professional tool of advantage at all stages of one's career. Participants learn how to succeed in today's business environment through effective leadership and management of an organization's most valuable human resources.

REQUIRED COURSES

MGMT	3444	Training and Development in Organizations
MGMT	3650	Employment and Labor Law for Business
MGMT	3700	Human Resource Planning and Staffing
MGMT	4000	Strategic Human Resource Management

Plus one elective chosen from the following:

MGMT	3400	Human Resource Management
MGMT	3420	Compensation Management
MGMT	3440	Organizational Change and Development
MGMT	3441	Managing Organizational Performance
MGMT	3750	International Human Resource Management
MGMT	4950	Human Resource Development Practicum

POST-BACCALAUREATE CERTIFICATE IN PRE-MEDICAL/PRE-HEALTH STUDIES

Student Qualifications

Applicants must have graduated from an accredited institution of higher learning with a baccalaureate or higher degree and a final GPA of 2.5 or above, or they must earn a GPA of 2.5 or above in their most recent 60 semester units (90 quarter units) of course work. Because of the limited number of students that can be accommodated by the certificate program, applicants with higher GPAs will have an advantage in being admitted. However, GPA will be only one of many factors in evaluating applicants.

This certificate program is design for career-changing post-baccalaureate students who are looking for assistance in taking science (and other associated topics) courses to initiate the preparation for pre-medical/pre-health profession graduate school qualifying examinations (MCAT, DAT, OAT, GRE, etc.) Students with a high level of science preparation may be able to complete the program in one year with 24 credits. Students who have earned undergraduate degree in science-related fields at HPU or other universities may have already taken many of these courses. If students have HPU or approved transfer credit for these courses they may be applied to meet the certificate requirements; however, students must take at least 24 credits at HPU that are specific to the certificate. Students can choose additional courses from the electives list as necessary to reach 24 semester credits.

Post-Baccalaureate Certificate Requirements

This certificate program requires 56 program credits. The projected time for completing the program is two years and a certificate will be awarded to those students who achieve a total GPA of 3.2 or over and have successfully completed 56 program credits (of which at least 24 are taken at HPU after earning the bachelor's degree). There is a progression GPA requirement of 2.8 for the program (from Year 1 to Year 2)

REQUIRED COURSES (45 semester credits)

BIOL	2050/51	General Biology I Series
BIOL	2052/53	General Biology II Series
CHEM	2050/51	General Chemistry I Series
CHEM	2052/53	General Chemistry II Series
CHEM	3030/31	Organic Chemistry I Series
CHEM	3032/33	Organic Chemistry II Series
MATH	2214	Calculus I
MATH	2215	Calculus II
PHYS	2050/51	General Physics I Series
PHYS	2052/53	General Physics II Series
PMED	3900	Pre-Health Professions Seminar
PMED	3990	Pre-Health Professions Internship or PMED 3991 Pre-Health Professions Paid Internship

ELECTIVE COURSES (11 semester credits)

Choose from among these courses to reach a total of 56 credits for the certificate:

ANTH	3200	Medical Anthropology
BIOL	2170	Ethnobotany
BIOL	3020	Plant Biology
BIOL	3034/35	Human Physiology Series

BIOL	3036	Human Anatomy
BIOL	3040	General Microbiology
BIOL	3050	Genetics
BIOL	3090	Biometry
BIOL	4020	Cancer Biology
BIOL	4030/31	Cell and Molecular Biology Series
CHEM	3020	Chemical Thermodynamics and Kinetics
CHEM	3040/41	Quantitative Analysis Series
CHEM	4030/31	Biochemistry I Series
CHEM	4032/33	Biochemistry II Series
COM	2640	Argumentation and Debate
PMED	3950	Pre-Health Profession Practicum
SOC	3100	Methods of Inquiry

(Advanced MATH courses may be substituted)

Minimum English Competency Requirement

TOEFL and IELTS thresholds are the following:

- A) TOEFL – paper test = 550 out of 600
- B) TOEFL – CBT = 213 out of 300
- C) TOEFL – IBT = 70 out of 120
- D) IELTS = 6.5 out of 9

Minimum GPA Requirements

A student must have at least a 3.20 GPA in the 56 minimum credits in order to receive the Post-Baccalaureate Certificate in Pre-Medical/Pre-Health Studies. If students have HPU or approved transfer credit for these courses they may be applied to meet the certificate requirements; however, students must take at least 24 credits at HPU that are specific to the certificate and must have at least a 3.20 GPA. There is a progression GPA requirement of 2.8 for the program (from Year 1 to Year 2). Furthermore, the student must pass required courses with a grade of B or better. Required course in which the student has received a C, D, or F must be repeated.

TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL) CERTIFICATE PROGRAM

Student Qualifications

The Teaching English to Speakers of Other Languages (TESOL) Certificate Program at Hawai'i Pacific University is designed for students who are earning or have completed a bachelor's degree. Prospective students may be undergraduates who seek preparation in the field of language teaching before they graduate, college graduates who wish to enter the field of TESOL but do not wish to get a second bachelor's degree or immediately go on to the graduate level, or in-service classroom teachers who want a refresher course to upgrade their skills or background knowledge in this field. The certificate program may also be used as preparation for graduate work in TESOL, language education, or linguistics.

TESOL Certificate Requirements

The TESOL Certificate is awarded upon completion of at least 24 credit hours of specified courses. For those who have finished an undergraduate degree, the work can be accomplished in no less than two full semesters or can be spread over a longer period. For undergraduate students, the work is normally spread over more than two semesters. Students earning the BA in TESOL may not later take the TESOL Certificate since the certificate is built on a subset of the same courses; however, transferring from one plan to another is possible during the course of study.

REQUIRED COURSES (16-18 semester credits)

AL	2000	Introduction to Linguistics
AL	3110	Phonetics and English Phonology
AL	3120	English Syntax
AL	3950	Language Classroom Experience (1-3 credits)
AL	4960	Practice Teaching I

And one of the following:

AL	4710	Methods, Materials, and Testing: Spoken English
AL	4720	Methods, Materials, and Testing: Written English

Students should fulfill the rest of the 24-hour credit requirement by choosing from the following list of courses:

ELECTIVE COURSES IN APPLIED LINGUISTICS:

AL	3130	Semantics
AL	3310	History of the English Language
AL	3320	Sociolinguistics
AL	3340	Translation in Second Language Acquisition
AL	3350	Group Dynamics for Language Teachers
AL	3500	Second Language Learning and Teaching
AL	3740	Technology in Language Teaching
AL	38xx	Selected Topics in Applied Linguistics
AL	3750	Creating Language Teaching Materials
AL	4710	Methods, Materials, and Testing: Spoken English
AL	4720	Methods, Materials, and Testing: Written English
AL	4970	Practice Teaching II

ELECTIVE COURSES IN OTHER FIELDS

Students may enter the program with some of the required or elective courses having been taken at another institution. If the HPU transcript evaluator accepts these courses, they need not be repeated at HPU, but the student must take other AL courses to make up the **minimum 24-credit requirement**. If the student has taken all courses from the list of the required and elective courses in applied linguistics, the student may choose from the following to fulfill the 24-credit minimum. Students are also encouraged to select from the following list to enhance their knowledge of English, English literature, psychology of learning, and pedagogy. Students are strongly encouraged to take more than the minimum 24 credits during their study for the TESOL Certificate.

ANTH	3700	Culture and Language
LIT	3/4xxx	Upper Division Literature Courses
PHIL	4721	Philosophy of Education
PSY	3110	Human Development I
PSY	3134	Educational Psychology
SOC	3380	Cross-Cultural Relations
SOC	3601	Sociology of Education

Or an ESL-related course cleared through the BA TESOL program chairperson.

Minimum English Competency Requirement

Students whose native language is not English may fulfill the minimum English competency requirement in two ways. One way is that a TOEFL score of 550 and a TWE of 5 (Computer TOEFL score of 213 and an Essay score of 5 or Internet-based TOEFL score of 80 with writing score 25) submitted at the time of entrance will satisfy the requirement. A second means is the successful completion of the masters level (Level 112) of the Intensive English Program of ELS, followed by WRI 1100 Writing and Critical Analysis at Hawai'i Pacific. Students who need to take English classes before beginning the TESOL Certificate program must plan on being in the program for more than two semesters.

Minimum GPA Requirements

A student must have at least a 2.00 GPA in the 24 minimum credits in order to receive the TESOL certificate. Furthermore, the student must pass required courses with a grade of C or better. Required courses in which the student has received a D or an F must be repeated.

Receiving the Certificate

The student who began the TESOL Certificate after having completed a bachelor's degree should, in the semester when completing all requirements, file a Petition to Certificate with the Academic Dean. A certificate will be awarded to the student upon the successful completion of all requirements and payment of the certificate graduation fee.

The student who is completing the TESOL Certificate as a part of their undergraduate program should file a Petition to Certificate (along with their Petition to Graduate) with the Academic Dean. A certificate will be awarded to the student upon the successful completion of all requirements and payment of the appropriate graduation fee. However, the awarding of the TESOL Certificate may not precede the student's receiving the bachelor's degree.

TRANSCULTURAL NURSING CERTIFICATE

The Certificate in Transcultural Nursing is intended for the nursing student and/or RN or LPN who is interested in enriching their understanding and application of Transcultural Nursing in order to become better equipped to provide culturally competent nursing care. The Transcultural Nursing Certificate program includes foundational theory and concepts of Transcultural Nursing as well as application to the diverse cultures of Hawaii, and to one specific culture experienced through study and cultural immersion. Supplemental courses will examine cultural diversity.

Transcultural Nursing Certificate Requirements

The student will complete 13 credits as designated below to complete the certificate.

Complete each one of these Nursing Courses:

NUR	3930	Complementary Healing Methods (3 credits)
NUR	3943	Transcultural Nursing (cultural immersion) (3 credits)
NUR	3944	Transcultural Nursing (cultures of HI) (3 credits)
NUR	3945	Theoretical Foundations of Transcultural Nursing (1 credit)

And complete one of the following 3 credit courses:

ANTH	3200	Medical Anthropology
ARTH	3611	Art and the Human Body
COM	3300	Intercultural Communication
PSY	3235	Cross-Cultural Psychology
REL	1000	Introduction to the World Religions

TRAVEL AND HOSPITALITY MANAGEMENT CERTIFICATE

Hawaii is well known as one of the most popular travel and tourism destinations in the world. HPU offers a dynamic travel and hospitality program with the goal of enhancing the skills of the travel industry professional. Courses in this certificate program focus on the application of theoretical concepts to real world situations, development of critical thinking skills, analysis and synthesis of information leading to logical conclusions, and understanding holistic systems.

CERTIFICATE REQUIREMENTS

It is recommended that applicants to the Travel and Hospitality certificate have an educational and/or experiential background in travel industry or a related area.

Students must take a total of five courses in order to receive a Travel and Hospitality certificate.

Students must take two of the following courses:

TIM	3110	Hotel and Resort Management
TIM	3210	Food and Beverage Management
TIM	4310	Passenger Transportation Management
TIM	4410	Destination Development and Marketing

AND two of the following courses:

TIM	3610	Travel Industry Marketing
TIM	4620	Travel Industry Financial Analysis and Control
TIM	4635	Advanced Business Law: Hotel and Travel

AND one of the following courses or an upper division TIM elective:

TIM	3510	Travel Agency Management
TIM	3645	Human Resource Management in Travel Industry Management
TIM	4110	Hotel Rooms Management
TIM	4210	Advanced Food and Beverage
TIM	4655	Information System Issues in Travel Industry Management
TIM	4692	Management of Customer Service Organizations

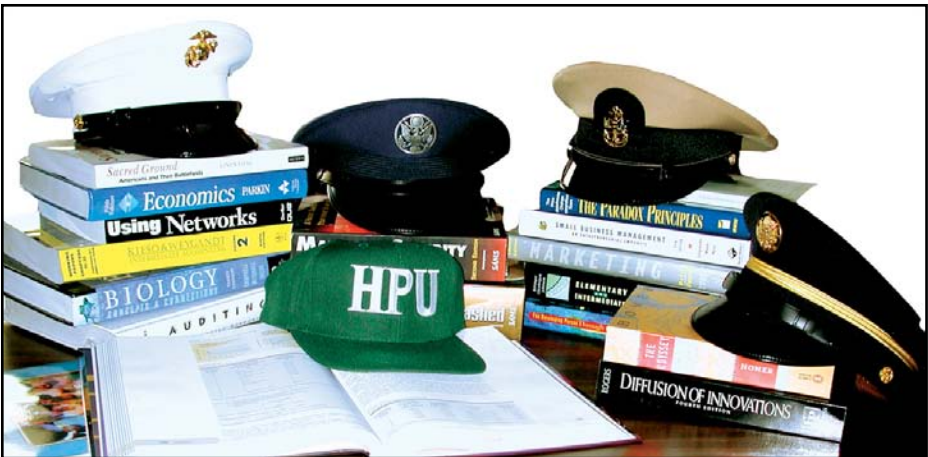


MILITARY CAMPUS PROGRAMS DEGREE PROGRAMS

Associate of Arts Degree Programs

Associate of Science Degree Programs

**Associate in Supervisory Leadership
Program**



MILITARY CAMPUS PROGRAMS

MISSION

Military Campus Programs seeks to provide an effective and challenging education for all military service members, their families, Veterans, and U.S. government civilian personnel. We recognize the need for flexibility without sacrificing academic integrity in educational programs. We use various traditional and distance learning course delivery methods to educate our students in an ever-changing global environment.

PROGRAM AVAILABILITY

Hawaii Pacific University offers programs online and on several military installations on O'ahu: Joint Base Pearl Harbor/Hickam, Marine Corps Base Hawaii—Camp Smith and Kaneohe Bay, Schofield Barracks, Tripler Army Medical Center, and Coast Guard Station—Sand Island. Military Campus Programs conducts accelerated ten-, five-, and three-week terms throughout its academic year. A schedule of courses is available online at <<http://www.hpu.edu/military>> and in the quarterly “Military Campus Bulletin of Courses,” available at all HPU military campus offices. Due to the accelerated nature of the terms, classes convene during most University holidays and on Hawaii state holidays. There are no classes on Federal holidays.

APPLICATION AND ADMISSION

Military and certain civilian high school graduates, those with the GED equivalent, and those appropriately credentialed for access to military bases are eligible for admission to military programs. Department of Defense (DOD) and Veteran's education benefits or tuition assistance may be applicable for some applicants. The degree programs are non-sequential to facilitate entry at any point.

Military Campus Programs office staff assist servicemembers and their family members, veterans, Department of Defense employees, and appropriately credentialed civilians with unrestricted access to base

programs with the application and admission process. An application for admission is available online at <<http://www.hpu.edu/military>>. (Note: Undergraduate active duty Army students using tuition assistance must apply through the GoArmyEd Portal <<http://www.goarmyed.com>>).

Applicants may apply as degree-seeking or “special status.” Degree-seeking students are those who intend to pursue an academic program of study resulting in a degree program. Special status students are those who are undecided about a degree program, taking courses for personal enrichment, or transferring courses to another university.

Degree-seeking students with no prior college transfer credits must submit official high school transcripts or GED and pay a non-refundable application fee. A prospective student with at least 24 semester hours of transferrable credits (prior university/college, CLEP/DSST, other credit by examination or military credit) must provide official college transcripts documenting prior credit and pay the non-refundable application fee.

Special status students must complete a Special Status Application form and submit a non-refundable application fee. If a special status student decides to pursue a degree, the Special Status Application fee will apply to the degree-seeking application fee. (Applicants to HPU's graduate programs should refer to the graduate admissions section.)

REGISTRATION FOR COURSES

Students may register in person for classes at any Military Campus Programs office on O'ahu, through the Downtown/Hawaii Loa Advising Centers, the Military/Veteran Center, or the Center for Graduate and Adult Services (Downtown Campus), or through online registration (WEBREG). Active duty Army students, Army Reservists and Army National Guard members using Army tuition assistance benefits must register for their courses through the Army's GoArmyEd web portal. Off-island students may register online through either the University's Campus Pipeline WEBREG

portal or the GoArmyEd (Army only) web portal. Off-island students may also request a downloadable version of the registration form by contacting MCP via email at: <MCPOnline@hpu.edu>.

For additional information regarding admissions or course registration, students may contact an MCP representative at any of the following MCP offices: Hickam Air Force Base (808) 543-8055; MCBH—Camp Smith (808) 544-9318; MCBH—Kaneohe Bay (808) 544-9314; Tripler Army Education Center (808) 687-7036; Schofield Barracks (808) 687-7095; Pearl Harbor Naval Station (808) 687-7082. Off-island students should contact the MCP off-island advisors at: <MCPOnline@hpu.edu> or (808) 687-7072. Active duty Army students located outside of Hawaii can contact the GoArmyEd advisor via email at: <GoArmyEd@hpu.edu>. (Note: Students pursuing a degree program unavailable through the Military Campus [e.g. Nursing, Marine Biology, etc.] are strongly encouraged to obtain guidance from their degree program advisor before registering for courses).

VETERAN'S BENEFITS

See Military/Veteran Service Center section on page 22 for detailed information.

ONLINE COURSES

Military Campus Programs offers eligible students the opportunity to pursue their educational programs with HPU regardless of location. The Military Campus Programs online program provides military-affiliated students the opportunity to complete courses with HPU toward its associate or select bachelors and masters degrees. Online courses apply toward meeting residency requirements. For additional information on our online and distance education programs, contact us by email at: <MCPOnline@hpu.edu> or (808) 687-7072.

FEDERAL FINANCIAL AID

Students enrolled in Military Campus Programs 5-week and 10-week accelerated terms may be eligible for Federal Financial Aid. Students may obtain Financial Aid packets at any Military Campus Program office or apply online at <<http://www.fafsa.ed.gov>>.

Processing of Federal Financial Aid may take between 4 to 8 weeks.

Federal Financial Aid covers yearly periods between July and June of the following year. Students must apply for Federal Financial Aid every year. Applications are available in January of each year. Prospective Military Campus Program students must be formally accepted, degree-seeking students in order to be eligible for an award. Recipients of Federal Financial Aid must submit an additional Military Campus Program Supplemental Financial Aid Form.

Students who wish to apply for Federal Financial Aid programs should apply through <<http://www.fafsa.ed.gov>> well in advance of the start of the term to ensure eligibility before registering for classes.

PREREQUISITES

At the end of each course description in the university catalog, on the university web site, and in the quarterly "Military Campus Schedule of Courses Bulletin," prerequisites are listed. Students demonstrating intellectual and academic maturity may be authorized to take courses out of sequence. Depending on the academic background of each individual student and when recommended by the student's advisor, some of the prerequisite courses required may be waived via General Petition.

MILITARY CAMPUS PROGRAM DEGREE PROGRAMS

Servicemembers Opportunity Colleges (SOC)

Hawai'i Pacific University is a member of the Servicemembers Opportunity Colleges (SOC) Consortium and network, which meets the educational needs of servicemembers and their families. SOC institutions recognize and evaluate specialized learning acquired through military service insofar as such learning applies to a program of study. Select degree programs can be completed with the University online. Upon completion of the University's residency requirements, a relocated student may also continue to study at another accredited institution. Credits earned at the other institution may

serve as transfer credits to fulfill Hawai'i Pacific University degree requirements.

SOC Eligibility Requirements

Active and retired military, members of the Reserves and National Guard, Veterans, Department of Defense employees, and their immediate family members are eligible for participation. SOC guarantees are restricted to specific degree programs. For all other degree programs consult with an advisor, dean, or program chairperson.

SOC contracts are binding for the degree program of study upon issuance. The contract guarantees that program requirements will not change. Students may, however, opt into a more current version of the program of study at their request.

Students may change their degree programs or majors and receive another SOC contract provided they have not completed a program of study in effect with HPU at the same academic level (associate or baccalaureate).

Students must complete all University academic and residency requirements to be eligible for graduation under the SOC program. The University currently has established no time limits for completion of SOC degree programs.

HPU/SOC Residency Requirements

SOC students must complete 30 semester hours with HPU including 12 semester hours of major course work in baccalaureate programs (six in Associate degree programs). There are no "final semester" residency requirements for SOC-eligible students. A student unable to complete residency requirements prior to departure from Hawai'i may complete appropriate HPU online courses to meet these requirements, if available.

SOC Degree Programs

The following is a list of Hawai'i Pacific University's SOC-approved degree programs or degree programs for which SOC contracts are issued:

ASSOCIATE DEGREE PROGRAMS

Associate of Arts

- General Studies
- Justice Administration
- Mathematics

Associate of Science

- Accounting
- Computer Science
- Economics
- Finance
- Management
- Marketing
- Military Studies

Associate in Supervisory Leadership

BACCALAUREATE DEGREE PROGRAMS

Bachelor of Arts

- History
- Human Resource Development
- International Studies
- Justice Administration
- Psychology

Bachelor of Science

- Applied Mathematics
- Business Administration (all majors except Travel Industry Management)
- Computer Science
- Diplomacy and Military Studies

All associate degree programs and select baccalaureate degree programs are available entirely online. Refer to the Military Campus Programs web site <<http://www.hpu.edu/military>> for the most current list of degree programs available entirely online.

NAVY COLLEGE PROGRAM DISTANCE LEARNING PROGRAM PARTNERSHIP (NCPDLP) /EARMYU

HPU participates as a partner in both the Navy College Program Distance Learning Partnership and EarmyU. Refer to the Military Campus Programs web site <<http://www.hpu.edu/military>> for the most current information on these programs.

MILITARY FLEXTRACK MBA PROGRAM

The Military FlexTRACK MBA Program is offered on select military installations on O'ahu and entirely online. Refer to the Graduate Studies section of the catalog and the Military Campus Programs web site

<<http://www.hpu.edu/military>> for the most current program information.

MILITARY NATIONAL TEST CENTERS

Military Campus Programs operates five National Test Centers (NTC) at military bases on O‘ahu. The NTCs provide military-affiliated students access to CLEP, DSST, and Pearson VUE examinations. The MCP NTCs are located at: Joint Base Pearl Harbor/Hickam (both locations), Tripler Medical Center, Schofield Army

Barracks, and MCBH–Kaneohe Bay. Testing schedules vary by base. For additional information on the MCP credit by examination or certification programs or to schedule an examination, contact any MCP representative at: Hickam Air Force Base (808) 543-8055; MCBH–Camp Smith (808) 544-9318; MCBH–Kaneohe Bay (808) 544-9314; Tripler Army Education Center (808) 544-1493; Schofield Barracks (808) 687-7095; or Pearl Harbor Naval Station (808) 687-7082.

ASSOCIATE OF ARTS IN GENERAL STUDIES

Total credits required: 60 semester credits

Hawai'i Pacific University offers the Associate of Arts degree in General Studies to students enrolled through Military Campus Programs upon completion of 60 semester hours of required and elective subjects. The AA in General Studies can be tailored to lead directly into most Bachelor programs. In the degree, students complete the entire common core of lower-division general education courses, including two cross-theme requirements.

PROGRAM OBJECTIVES

Students who earn the Associate of Arts in General Studies will:

1. *Understand communication as a process and critique information and opinion; demonstrate competence in writing, computer use, verbal discourse, and group dynamics; and comprehend the functions and impact of the mass media and information technology.*
2. *Engage with diverse individual, social, and aesthetic value systems; develop respect for differences within and among these values and choices; and develop and/or refine a conscious value system that directs their own behavior.*
3. *Learn about the values and lifestyles of contemporary and historical cultures throughout the world as a means of understanding diverse approaches to life and as a catalyst for reflecting on their own customs and choices.*
4. *Understand that the interaction of many systems holds the global community together and that these political, economic, organizational, scientific, and cultural systems cross both national borders and disciplinary boundaries.*
5. *Use suitable modes of inquiry and their own judgment to propose solutions to complex problems and develop the ability to verify, evaluate, test, and place that knowledge in the broad spectrum of solutions that are appropriate to the area of inquiry.*

I GENERAL EDUCATION REQUIREMENTS (at least 45 semester credits)

1. Complete the general education common core consisting of one course in each of fifteen boxes shown in the table on the next page. Refer to pages 58-69 of this catalog for a detailed explanation of the general education common core and associated cross-theme requirements. Students pursuing this degree in anticipation of continuing in the BSN program should select the courses shown on page 209 when possible.
 2. No more than two courses with the same alpha (the alphabetic prefix such as HIST or BIOL) may be applied toward the common core requirements.
 3. Students must also meet two cross-theme requirements. Courses chosen to meet the cross-theme requirements can be simultaneously applied to the relevant common core category.
 - Digital Literacy—complete CSCI 1011 in Communication Skills C or CSCI 1041 in Global Systems C.
 - Art, Aesthetics and Creativity—complete any course marked with “*” in the table on the next page.
 4. If students take more than one course in any box, the additional course will apply to the unrestricted electives portion of the degree.
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Table of courses that meet the General Education Common Core Requirements

Courses marked with “*” meet the Art, Aesthetics, and Creativity Cross-Theme Requirement.
 Courses marked (DL) meet the Digital Literacy Cross-Theme Requirement.

	Communication Skills	Global Systems	Research & Epistemology	Values & Choices	World Cultures
A	JOUR 1100 WRI 1100 WRI 1150	BIOL 1000 BIOL 2052 ^{1,2} CHEM 1000 GEOG 1000 GEOL 1000 MARS 1000 PHYS 1000	COM 1400 WRI 1200	AMST 1776 CLST 1000 ENG 2201* ENG 2203 ENVS 1030 HUM 3000 PHIL 2500 PSCI 2000 SWRK 2000	ARTH 2000* ARTH 2100* ARTH 2200* ENG 2101* GEOG 1500 HIST 2001 JADM 2000 MATH 2007 REL 1000
B	COM 1000 COM 1200 COM 2500 ED 2300 HIST 1717 Lower-division modern language courses	ECON 1010 GEOG 2000 HIST 2002 MARS 1500 MULT 2060	CSCI 2611 MATH 1110 MATH 1115 MATH 1130 MATH 1140 MATH 1150 MATH 2214 MATH 2215 PHIL 2090	BIOL 1300 ECON 1000 ECON 2010 ED 2000 ENG 2202 ENG 2204 ENG 2301* HIST 2111 HUM 1000 JADM 1000 PSCI 2500 SOC 2000 THEA 1000*	AL 1000 ANTH 2000 COM 2300 HIST 2402 HUM 1270 MUS 2101* REL 2001 SOC 1000 STSS 2601
C	CLST 2600 COM 1500 COM 2000 COM 2640 CSCI 1011 (DL) LAT 1100 MULT 1100 THEA 1400*	BIOL 1200 BIOL 1500 BIOL 2010 BIOL 2030 ² CHEM 2050 ^{1,2} CSCI 1041 (DL) ENVS 3000 HIST 2630 INTR 1000 PHYS 1020 SOC 2600	ENG 1500 HIST 2900 MATH 1123 PHIL 3731 PHYS 2030 ^{1,2} PHYS 2050 ^{1,2} PSY 1000 SOC 2100	ECON 2015 ENG 2000* HIST 2112 HIST 2301 NSCI 2000 NSCI 2100 PHIL 1000 PSCI 1400	AL 2000 ARTS 1000* ARTS 2150* BIOL 2170 ENG 2510* ENG 2520* GEOG 2500* HIST 2113 HIST 2401 MUS 1000* REL 2151 THEA 2320*

Notes:

¹Courses intended for students pursuing a BS degree in the College of Natural Sciences which may have prerequisites not included in the common core.

²Courses with an associated laboratory requirement. Students choosing these courses should also take the lab which may apply to their lower-division major requirements.

Nursing majors: see page ###

II PREREQUISITE COURSES AND UNRESTRICTED ELECTIVES**(15 semester credits)****PREREQUISITE COURSES (up to 9 semester credits)**

MATH	1101	Fundamentals of College Mathematics (prerequisite for MATH 1105)
MATH	1105	Intermediate Algebra (prerequisite for most Research & Epistemology B courses)
WRI	1050	English Fundamentals (prerequisite for Communication skills A courses)

These courses are required only for students whose placement exams indicate the need for the courses. Some students may be able to go directly into a Communication Skills A course or a Research and Epistemology B course, in which case they will have additional unrestricted electives.

UNRESTRICTED ELECTIVES (6-15 semester credits)

Students will take enough credits in unrestricted electives to bring the total for the degree to 60 semester credits.

Residency requirement: Students must complete at least 15 semester credits in residence with Hawaii Pacific University; at least six (6) credits must be from the degree's list of required courses. Non-traditional transfer credits (military and credit by examination) may not exceed 36 hours.

Students who wish to major in multiple Associate degrees must complete at least five (5) additional, unique HPU courses per degree.

ASSOCIATE OF ARTS DEGREE IN JUSTICE ADMINISTRATION

Total credits required: 60 semester credits

Hawai'i Pacific University offers the Associate of Arts degree in Justice Administration to students enrolled through Military Campus Programs upon completion of 60 semester hours of required and elective subjects. The AA in Justice Administration leads directly into the Bachelor of Arts in Justice Administration. In addition to offering classroom-based instruction, HPU makes the AA in Justice Administration degree program available entirely online through Military Campus Programs.

PROGRAM OBJECTIVES

Students who earn the Associate of Arts in Justice Administration will:

- 1. Demonstrate understanding of the key processes in justice administration systems.*
- 2. Synthesize concepts from management, law, and the behavioral sciences and apply them to contemporary situations.*

I GENERAL EDUCATION REQUIREMENTS (21 semester credits)**Communication Skills (6 semester credits)**

Both of the following

WRI	1100	Writing and Analyzing arguments
COM	1500	Public Speaking in a Mediated World or COM 2000 Public Speaking

Values and Choices (3 semester credits)

One of the following:

AMST	1776	Essential America
CLST	1000	Great Books East and West
ENG	2201	Literary Utopias and Dystopias
ENG	2203	Banned Books
HUM	3000	The Contemporary Choices
PHIL	2500	Introduction to Ethics
PSCI	2000	Introduction to Politics
SWRK	2000	Profession of Social Work

World Cultures (3 semester credits)

One of the following:

AL	2000	Introduction to Linguistics
ARTS	1000	Introduction to Visual Arts
ARTS	2150	Introduction to Design
BIOL	2170	Ethnobotany
ENG	2510	World Literature I
ENG	2520	World Literature II
HIST	2113	Modern Europe
HIST	2401	American History to 1877
GEOG	2500	Maps and Civilization
MUS	1000	Introduction to Classical Music
REL	2151	Hebrew Bible as Literature
THEA	2320	Acting I: Basic Acting for Stage and Screen

Global Systems (3 semester credits)*One of the following*

BIOL	1000	Introduction to Biology
CHEM	1000	Introductory Chemistry
GEOL	1000	Introduction to Geology
GEOG	1000	Introduction to Physical Geography
MARS	1000	Introductory Oceanography
PHYS	1000	Introduction to the Physical Sciences

Research and Epistemology (6 semester credits)

MATH	1105	Intermediate Algebra or any course from Research and Epistemology B
WRI	1200	Research, Writing and Argument

II JUSTICE ADMINISTRATION: REQUIRED COURSES (18 semester credits)

CSCI	1011	Introduction to Computer Information Systems or CSCI 1041 Digital Literacy in a Global Society
JADM	1000	Crimes and Criminals
JADM	2000	Laws and Courts in World Cultures
JADM	2050	Basic Criminology
JADM	2060	Civil and Criminal Justice Systems

Plus one of the following

PSCI	1400	American Political Systems
PSCI	2000	Introduction to Politics
PSY	1000	Introduction to Psychology
SOC	1000	Introduction to Sociology
SOC	2000	Social Problems and Policy

**III PREREQUISITE COURSES AND UNRESTRICTED ELECTIVES
(15 semester credits)****PREREQUISITE COURSES (up to 6 credits)**

MATH	1101	Fundamentals of College Mathematics (prerequisite for MATH 1105)
WRI	1050	English Fundamentals (prerequisite for WRI 1100)

These courses are required only for students whose placement exams indicate the need for the courses. Some students may be able to go directly into WRI 1100 or a higher Math course. Students who place out of these courses will have unrestricted electives instead.

UNRESTRICTED ELECTIVES (15-21 credits)

Students will take enough credits in unrestricted electives to bring the total for the degree to 60 semester credits.

Residency requirement: Students must complete at least 15 semester credits in residence with Hawaii Pacific University; at least six (6) credits must be from the degree's list of required courses. Non-traditional transfer credits (military and credit by examination) may not exceed 36 hours.

Students who wish to major in multiple Associate degrees must complete at least five (5) additional, unique HPU courses per degree.

ASSOCIATE OF ARTS DEGREE IN MATHEMATICS

Total credits required: 60 semester credits

Hawai'i Pacific University offers the Associate of Arts degree in Mathematics to students enrolled through Military Campus Programs upon completion of 60 semester hours of required and elective subjects. The AA in Mathematics leads directly into the Bachelor of Science in Computer Science or the Bachelor of Science in Business Administration with a major in Computer Information Systems. In addition to offering classroom-based instruction, HPU makes the AA in Mathematics degree program available entirely online through Military Campus Programs.

PROGRAM OBJECTIVES

Students who earn the Associate of Arts in Mathematics will:

- 1. Recognize and understand a core of fundamental mathematical concepts.*
- 2. Develop mathematical problem-solving skills applicable to a variety of real-world problems.*
- 3. Obtain a working competency in one computer programming language.*

I GENERAL EDUCATION REQUIREMENTS (15 semester credits)**Communication Skills (3 semester credits)**

WRI 1100 Writing and Analyzing arguments

Values and Choices (3 semester credits)

One of the following:

BIOL	1300	Nutrition: Eat Smarter
ECON	1000	Naked Economics
ECON	2010	Principles of Microeconomics
ED	2000	Foundations of American Education
ENG	2202	Best Sellers
ENG	2204	Monsters in Literature and Popular Culture
ENG	2301	World Film Studies
HIST	2111	Introduction to Greco-Roman Civilization
HUM	1000	Introduction to Humanities
JADM	1000	Crimes and Criminals
PSCI	2500	World Politics
SOC	2000	Social Problems and Policy
THEA	1000	Introduction to Theater

World Cultures (3 semester credits)

One of the following:

ANTH	2000	Introduction to Anthropology
COM	2300	Communication and Culture
HIST	2402	American History Since 1865
MUS	2101	Music in World Culture
REL	2001	Search for Meaning
SOC	1000	Introduction to Sociology
STSS	2601	War and Civilization

Global Systems (3 semester credits)*One of the following*

BIOL	1000	Introduction to Biology
CHEM	1000	Introductory Chemistry
GEOL	1000	Introduction to Geology
GEOG	1000	Introduction to Physical Geography
MARS	1000	Introductory Oceanography
PHYS	1000	Introduction to the Physical Sciences

Research and Epistemology (3 semester credits)

WRI	1200	Research, Writing and Argument
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II MATHEMATICS: REQUIRED COURSES (28 semester credits)

CSCI	1011	Introduction to Computer Information Systems or CSCI 1041 Digital Literacy in a Global Society
CSCI	1911	Foundations of Programming
CSCI	2911	Computer Science I
CSCI	2912	Computer Science II
CSCI	2916	Computer Science I Lab
MATH	1123	Statistics
MATH	1130	Pre-Calculus I
MATH	1140	Pre-Calculus II
MATH	2214	Calculus I
MATH	2215	Calculus II

**III PREREQUISITE COURSES AND UNRESTRICTED ELECTIVES
(17 semester credits)****PREREQUISITE COURSES (up to 9 credits)**

MATH	1101	Fundamentals of College Mathematics (prerequisite for MATH 1105)
MATH	1105	Intermediate Algebra (prerequisite for MATH 1130)
WRI	1050	English Fundamentals (prerequisite for WRI 1100)

These courses are required only for students whose placement exams indicate the need for the courses. Some students may be able to go directly into WRI 1100 or MATH 1130. Students who place out of these courses will have unrestricted electives instead.

UNRESTRICTED ELECTIVES (8-17 credits)

Students will take enough credits in unrestricted electives to bring the total for the degree to 60 semester credits.

Residency requirement: Students must complete at least 15 semester credits in residence with Hawaii Pacific University; at least six (6) credits must be from the degree's list of required courses. Non-traditional transfer credits (military and credit by examination) may not exceed 36 hours.

Students who wish to major in multiple Associate degrees must complete at least five (5) additional, unique HPU courses per degree.

ASSOCIATE OF SCIENCE DEGREE IN ACCOUNTING

Total credits required: 60 semester credits

Hawai'i Pacific University offers the Associate of Science degree in Accounting to students enrolled through Military Campus Programs upon completion of 60 semester hours of required and elective subjects. The AS in Accounting leads directly into the Bachelor of Science in Business Administration with a major in Accounting. In addition to offering classroom-based instruction, HPU makes the AS in Accounting degree program available entirely online through Military Campus Programs.

PROGRAM OBJECTIVES

Students who earn the Associate of Science in Accounting will:

- 1. Demonstrate understanding of the processes by which individuals, companies, governments, and non-profit organizations conduct and report financial activities.*
- 2. Demonstrate the preparation and uses of accounting reports for evaluation of financial performance by investors, creditors, managers, government agencies, analysts, or other interested parties.*
- 3. Develop the ability to prepare and use accounting reports for planning and control of internal operations by decision makers.*

I GENERAL EDUCATION REQUIREMENTS (21 semester credits)**Communication Skills (6 semester credits)**

Both of the following

WRI	1100	Writing and Analyzing arguments
COM	1500	Public Speaking or COM 2000 Public Speaking

Values and Choices (3 semester credits)

One of the following:

AMST	1776	Essential America
CLST	1000	Great Books East and West
ENG	2201	Literary Utopias and Dystopias
ENG	2203	Banned Books
HUM	3000	The Contemporary Choices
PHIL	2500	Introduction to Ethics
PSCI	2000	Introduction to Politics
SWRK	2000	The Profession of Social Work

World Cultures (3 semester credits)

One of the following:

ANTH	2000	Introduction to Anthropology
COM	2300	Communication and Culture
HIST	2402	American History Since 1865
MUS	2101	Music in World Culture
REL	2001	Search for Meaning
SOC	1000	Introduction to Sociology
STSS	2601	War and Civilization

Global Systems (3 semester credits)*One of the following*

BIOL	1000	Introduction to Biology
CHEM	1000	Introductory Chemistry
GEOL	1000	Introduction to Geology
GEOG	1000	Introduction to Physical Geography
MARS	1000	Introductory Oceanography
PHYS	1000	Introduction to the Physical Sciences

Research and Epistemology (6 semester credits)

MATH	1105	Intermediate Algebra or MATH 1130 Pre-Calculus I
WRI	1200	Research, Writing and Argument

II ACCOUNTING: REQUIRED COURSES (24 semester credits)

ACCT	2000	Principles of Accounting I
ACCT	2010	Principles of Accounting II
CSCI	1011	Introduction to Computer Information Systems or CSCI 1041 Digital Literacy in a Global Society
ECON	2010	Principles of Microeconomics
ECON	2015	Principles of Macroeconomics
LAW	3000	Business Law I
MGMT	1000	Introduction to Business

*Plus one ACCT elective***III PREREQUISITE COURSES AND UNRESTRICTED ELECTIVES
(15 semester credits)****PREREQUISITE COURSES (up to 6 credits)**

MATH	1101	Fundamentals of College Mathematics (prerequisite for MATH 1105)
WRI	1050	English Fundamentals (prerequisite for WRI 1100)

These courses are required only for students whose placement exams indicate the need for the courses. Some students may be able to go directly into WRI 1100 or a higher Math course. Students who place out of these courses will have unrestricted electives instead.

UNRESTRICTED ELECTIVES (9-15 credits)

Students will take enough credits in unrestricted electives to bring the total for the degree to 60 semester credits.

Residency requirement: Students must complete at least 15 semester credits in residence with Hawaii Pacific University; at least six (6) credits must be from the degree's list of required courses. Non-traditional transfer credits (military and credit by examination) may not exceed 36 hours.

Students who wish to major in multiple Associate degrees must complete at least five (5) additional, unique HPU courses per degree.

ASSOCIATE OF SCIENCE DEGREE IN COMPUTER SCIENCE

Total credits required: 60 semester credits

Hawai'i Pacific University offers the Associate of Science degree in Computer Science to students enrolled through Military Campus Programs upon completion of 60 semester hours of required and elective subjects. The AS in Computer Science leads directly into the Bachelor of Science in Computer Science degree program, or alternatively, the Bachelor of Science in Business Administration with a major in Computer Information Systems. In addition to offering classroom-based instruction, HPU makes the AS in Computer Science degree program available entirely online through Military Campus Programs.

PROGRAM OBJECTIVES

Students who earn the Associate of Science in Computer Science will:

- 1. Prepare professionally-styled documents for personal and group productivity.*
- 2. Develop spreadsheets, data analyses, and charts.*
- 3. Design and deliver technology-supported presentations.*
- 4. Understand basic concepts of functions, relations, sets, and counting strategies.*
- 5. Demonstrate logic and proof techniques in solving problems.*
- 6. Apply problem-solving techniques for developing algorithms and computer programs.*
- 7. Demonstrate appropriate use of fundamental programming constructs and data types.*
- 8. Apply complex data structures, abstraction mechanisms, and object-oriented methodologies.*
- 9. Understand and apply graphical user interfaces to program solutions.*

I GENERAL EDUCATION REQUIREMENTS (15 semester credits)**Communication Skills (3 semester credits)**

WRI 1100 Writing and Analyzing arguments

Values and Choices (3 semester credits)

One of the following:

BIOL	1300	Nutrition: Eat Smarter
ECON	1000	Naked Economics
ECON	2010	Principles of Microeconomics
ED	2000	Foundations of American Education
ENG	2202	Best Sellers
ENG	2204	Monsters in Literature and Popular Culture
ENG	2301	World Film Studies
HIST	2111	Introduction to Greco-Roman Civilization
HUM	1000	Introduction to Humanities
JADM	1000	Crimes and Criminals
PSCI	2500	World Politics
SOC	2000	Social Problems and Policy
THEA	1000	Introduction to Theater

World Cultures (3 semester credits)

One of the following:

ANTH	2000	Introduction to Anthropology
COM	2300	Communication and Culture
HIST	2402	American History Since 1865
MUS	2101	Music in World Culture

REL	2001	Search for Meaning
SOC	1000	Introduction to Sociology
STSS	2601	War and Civilization

Global Systems (3 semester credits)

One of the following

BIOL	1000	Introduction to Biology
CHEM	1000	Introductory Chemistry
GEOL	1000	Introduction to Geology
GEOG	1000	Introduction to Physical Geography
MARS	1000	Introductory Oceanography
PHYS	1000	Introduction to the Physical Sciences

Research and Epistemology (3 semester credits)

WRI	1200	Research, Writing and Argument
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II COMPUTER SCIENCE: REQUIRED COURSES (25 semester credits)

CSCI	1011	Introduction to Computer Information Systems or CSCI 1041 Digital Literacy in a Global Society
CSCI	1301	Discrete Mathematics for Computer Science
CSCI	1911	Foundations of Programming
CSCI	2911	Computer Science I
CSCI	2912	Computer Science II
CSCI	2916	Computer Science I Lab
MATH	1130	Pre-Calculus I

Plus two CSCI or MATH electives (except MATH 1101 or 1105)

III PREREQUISITE COURSES AND UNRESTRICTED ELECTIVES (20 semester credits)

PREREQUISITE COURSES (Up to 9 credits)

MATH	1101	Fundamentals of College Mathematics (prerequisite for MATH 1105)
MATH	1105	Intermediate Algebra (prerequisite for MATH 1130)
WRI	1050	English Fundamentals (prerequisite for WRI 1100)

These courses are required only for students whose placement exams indicate the need for the courses. Some students may be able to go directly into WRI 1100 or a higher Math course. Students who place out of these courses will have unrestricted electives instead.

UNRESTRICTED ELECTIVES (11-20* credits)

Students will take enough credits in unrestricted electives to bring the total for the degree to 60 semester credits. *This could reach 23 credits only if the student needs none of the prerequisite courses and places out of CSCI 1911.

Residency requirement: Students must complete at least 15 semester credits in residence with Hawaii Pacific University; at least six (6) credits must be from the degree's list of required courses. Non-traditional transfer credits (military and credit by examination) may not exceed 36 hours.

Students who wish to major in multiple Associate degrees must complete at least five (5) additional, unique HPU courses per degree.

ASSOCIATE OF SCIENCE DEGREE IN ECONOMICS

Total credits required: 60 semester credits

Hawai'i Pacific University offers the Associate of Science degree in Economics to students enrolled through Military Campus Programs upon completion of 60 semester hours of required and elective subjects. The AS in Economics leads directly into the Bachelor of Science in Business Administration with a major in Business Economics or the Bachelor of Arts with a major in Economics degree programs. In addition to offering classroom-based instruction, HPU makes the AS in Economics degree program available entirely online through Military Campus Programs.

PROGRAM OBJECTIVES

Students who earn the Associate of Science in Economics will:

- 1. Demonstrate knowledge of the elements of aggregate economic activity, including the basics of fiscal and monetary policy and their impact on the economy, businesses, and individuals.*
- 2. Explain the role of businesses, the government, and the Federal Reserve in management of the local, regional, national, and international economies.*
- 3. Find reliable sources of economic data including interest rates, prices, unemployment, GDP, and other key economic indicators necessary for identifying and interpreting economic patterns and trends.*
- 4. Apply the basic principles of economic theory and policy by using mathematical, graphical, and statistical tools in the analysis of economic problems and decision making.*

I GENERAL EDUCATION REQUIREMENTS (21 semester credits)**Communication Skills (6 semester credits)**

Both of the following

WRI	1100	Writing and Analyzing arguments
COM	1500	Public Speaking or COM 2000 Public Speaking

Values and Choices (3 semester credits)

One of the following:

AMST	1776	Essential America
CLST	1000	Great Books East and West
ENG	2201	Literary Utopias and Dystopias
ENG	2203	Banned Books
HUM	3000	The Contemporary Choices
PHIL	2500	Introduction to Ethics
PSCI	2000	Introduction to Politics
SWRK	2000	The Profession of Social Work

World Cultures (3 semester credits)

One of the following:

AL	2000	Introduction to Linguistics
ARTS	1000	Introduction to Visual Arts
ARTS	2150	Introduction to Design
BIOL	2170	Ethnobotany
HIST	2113	Modern Europe
HIST	2401	American History to 1877
ENG	2510	World Literature I

ENG	2520	World Literature II
GEOG	2500	Maps and Civilization
MUS	1000	Introduction to Classical Music
REL	2151	Hebrew Bible as Literature
THEA	2320	Acting I: Basic Acting for Stage & Screen

Global Systems (3 semester credits) One of the following:

BIOL	1000	Introduction to Biology
CHEM	1000	Introductory Chemistry
GEOL	1000	Introduction to Geology
GEOG	1000	Introduction to Physical Geography
MARS	1000	Introductory Oceanography
PHYS	1000	Introduction to the Physical Sciences

Research and Epistemology (6 semester credits)

MATH	1105	Intermediate Algebra or MATH 1130 Pre-Calculus I
WRI	1200	Research, Writing and Argument

II ECONOMICS: REQUIRED COURSES (24 semester credits)

ACCT	2000	Principles of Accounting I
ACCT	2010	Principles of Accounting II
CSCI	1011	Introduction to Computer Information Systems or CSCI 1041 Digital Literacy in a Global Society
ECON	2010	Principles of Microeconomics
ECON	2015	Principles of Macroeconomics
LAW	3000	Business Law I
MGMT	1000	Introduction to Business

Plus one ECON elective

**III PREREQUISITE COURSES AND UNRESTRICTED ELECTIVES
(15 semester credits)**

PREREQUISITE COURSES (up to 6 credits)

MATH	1101	Fundamentals of College Mathematics (prerequisite for MATH 1105)
WRI	1050	English Fundamentals (prerequisite for WRI 1100)

These courses are required only for students whose placement exams indicate the need for the courses. Some students may be able to go directly into WRI 1100 or a higher Math course. Students who place out of these courses will have unrestricted electives instead.

UNRESTRICTED ELECTIVES (9-15 credits)

Students will take enough credits in unrestricted electives to bring the total for the degree to 60 semester credits.

Residency requirement: Students must complete at least 15 semester credits in residence with Hawaii Pacific University; at least six (6) credits must be from the degree's list of required courses. Non-traditional transfer credits (military and credit by examination) may not exceed 36 hours.

Students who wish to major in multiple Associate degrees must complete at least five (5) additional, unique HPU courses per degree.

ASSOCIATE OF SCIENCE DEGREE IN FINANCE

Total credits required: 60 semester credits

Hawai'i Pacific University offers the Associate of Science degree in Finance to students enrolled through Military Campus Programs upon completion of 60 semester hours of required and elective subjects. The AS in Finance leads directly into the Bachelor of Science in Business Administration with a major in Finance. In addition to offering classroom-based instruction, HPU makes the AS in Finance degree program available entirely online through Military Campus Programs.

PROGRAM OBJECTIVES

Students who earn the Associate of Science in Finance will:

- 1. Demonstrate knowledge and understanding in areas such as time value of money, financial ratio analysis, risk and return analysis, financial management, valuation, financial markets and institutions, investing, and capital budgeting.*
- 2. Demonstrate communication skills through the presentation of case studies and individual projects.*
- 3. Demonstrate written communication skills through executive summaries, case analyses, and individual projects.*
- 4. Demonstrate analytical thinking skills used in problem solving and financial decision-making.*
- 5. Demonstrate the interpersonal, teamwork, and leadership skills needed to work in groups.*
- 6. Demonstrate financial calculator and computer skills including familiarity with commonly used business software packages such as Microsoft Office (PowerPoint, Excel, and Word).*
- 7. Apply ethical standards to everyday financial situations.*
- 8. Apply the theory, concepts, and procedures of personal financial planning.*

I GENERAL EDUCATION REQUIREMENTS (21 semester credits)**Communication Skills (6 semester credits)**

Both of the following

WRI	1100	Writing and Analyzing arguments
COM	1500	Public Speaking or COM 2000 Public Speaking

Values and Choices (3 semester credits)

One of the following:

AMST	1776	Essential America
CLST	1000	Great Books East and West
ENG	2201	Literary Utopias and Dystopias
ENG	2203	Banned Books
HUM	3000	The Contemporary Choices
PHIL	2500	Introduction to Ethics
PSCI	2000	Introduction to Politics
SWRK	2000	The Profession of Social Work

World Cultures (3 semester credits)

One of the following:

ANTH	2000	Introduction to Anthropology
COM	2300	Communication and Culture
HIST	2402	American History Since 1865

MUS	2101	Music in World Culture
REL	2001	Search for Meaning
SOC	1000	Introduction to Sociology
STSS	2601	War and Civilization

Global Systems (3 semester credits)

One of the following

BIOL	1000	Introduction to Biology
CHEM	1000	Introductory Chemistry
GEOL	1000	Introduction to Geology
GEOG	1000	Introduction to Physical Geography
MARS	1000	Introductory Oceanography
PHYS	1000	Introduction to the Physical Sciences

Research and Epistemology (6 semester credits)

MATH	1105	Intermediate Algebra or MATH 1130 Pre-Calculus I
WRI	1200	Research, Writing and Argument

II FINANCE: REQUIRED COURSES (24 semester credits)

ACCT	2000	Principles of Accounting I
ACCT	2010	Principles of Accounting II
CSCI	1011	Introduction to Computer Information Systems or CSCI 1041 Digital Literacy in a Global Society
ECON	2010	Principles of Microeconomics
ECON	2015	Principles of Macroeconomics
FIN	3000	Business Finance
MGMT	1000	Introduction to Business

Plus one FIN elective

**III PREREQUISITE COURSES AND UNRESTRICTED ELECTIVES
(15 semester credits)****PREREQUISITE COURSES (up to 6 credits)**

MATH	1101	Fundamentals of College Mathematics (prerequisite for MATH 1105)
WRI	1050	English Fundamentals (prerequisite for WRI 1100)

These courses are required only for students whose placement exams indicate the need for the courses. Some students may be able to go directly into WRI 1100 or a higher Math course. Students who place out of these courses will have unrestricted electives instead.

UNRESTRICTED ELECTIVES (9-15 credits)

Students will take enough credits in unrestricted electives to bring the total for the degree to 60 semester credits.

Residency requirement: Students must complete at least 15 semester credits in residence with Hawaii Pacific University; at least six (6) credits must be from the degree's list of required courses. Non-traditional transfer credits (military and credit by examination) may not exceed 36 hours.

Students who wish to major in multiple Associate degrees must complete at least five (5) additional, unique HPU courses per degree.

ASSOCIATE OF SCIENCE DEGREE IN MANAGEMENT

Total credits required: 60 semester credits

Hawai'i Pacific University offers the Associate of Science degree in Management to students enrolled through Military Campus Programs upon completion of 60 semester hours of required and elective subjects. Students may continue to take the courses required for a Bachelor of Science in Business Administration with no major or with a major in Accounting, Business Economics, Computer Information Systems, Entrepreneurial Studies, Finance, Human Resource Management, International Business, Management, Marketing, Public Administration, or Travel Industry Management. In addition to offering classroom-based instruction, HPU makes the AS in Management degree program available entirely online through Military Campus Programs.

PROGRAM OBJECTIVES

Students who earn the Associate of Science in Management will:

- 1. Understand the functions of management and organizational structure options of a typical American business.*
- 2. Understand the ethical role of business in society and the need for social responsibility.*
- 3. Understand how human resource decisions affect relationships, attitudes, and the behaviors of employees.*
- 4. Solve problems and make decisions based on research and analysis.*
- 5. Understand team building and function as contributing members of a team.*
- 6. Develop the ability to explain, understand, and criticize information and opinions.*
- 7. Begin an understanding of business processes in preparation for a BSBA in Management.*

I GENERAL EDUCATION REQUIREMENTS (21 semester credits)

Communication Skills (6 semester credits)

Both of the following

WRI	1100	Writing and Analyzing arguments
COM	1500	Public Speaking or COM 2000 Public Speaking

Values and Choices (3 semester credits)

One of the following:

AMST	1776	Essential America
CLST	1000	Great Books East and West
ENG	2201	Literary Utopias and Dystopias
ENG	2203	Banned Books
HUM	3000	The Contemporary Choices
PHIL	2500	Introduction to Ethics
PSCI	2000	Introduction to Politics
SWRK	2000	The Profession of Social Work

World Cultures (3 semester credits)

One of the following:

ANTH	2000	Introduction to Anthropology
COM	2300	Communication and Culture
HIST	2402	American History Since 1865

MUS	2101	Music in World Culture
REL	2001	Search for Meaning
SOC	1000	Introduction to Sociology
STSS	2601	War and Civilization

Global Systems (3 semester credits)

One of the following

BIOL	1000	Introduction to Biology
CHEM	1000	Introductory Chemistry
GEOL	1000	Introduction to Geology
GEOG	1000	Introduction to Physical Geography
MARS	1000	Introductory Oceanography
PHYS	1000	Introduction to the Physical Sciences

Research and Epistemology (6 semester credits)

MATH	1105	Intermediate Algebra or MATH 1130 Pre-Calculus I
WRI	1200	Research, Writing and Argument

II MANAGEMENT: REQUIRED COURSES (24 semester credits)

ACCT	2000	Principles of Accounting I
ACCT	2010	Principles of Accounting II
CSCI	1011	Introduction to Computer Information Systems or CSCI 1041 Digital Literacy in a Global Society
ECON	2010	Principles of Microeconomics
ECON	2015	Principles of Macroeconomics
MGMT	1000	Introduction to Business
MGMT	2000	Principles of Management

Plus one MGMT elective

III PREREQUISITE COURSES AND UNRESTRICTED ELECTIVES (15 semester credits)

PREREQUISITE COURSES (up to 6 credits)

MATH	1101	Fundamentals of College Mathematics (prerequisite for MATH 1105)
WRI	1050	English Fundamentals (prerequisite for WRI 1100)

These courses are required only for students whose placement exams indicate the need for the courses. Some students may be able to go directly into WRI 1100 or a higher Math course. Students who place out of these courses will have unrestricted electives instead.

UNRESTRICTED ELECTIVES (9-15 credits)

Residency requirement: Students must complete at least 15 semester credits in residence with Hawaii Pacific University; at least six (6) credits must be from the degree's list of required courses. Non-traditional transfer credits (military and credit by examination) may not exceed 36 hours.

Students who wish to major in multiple Associate degrees must complete at least five (5) additional, unique HPU courses per degree.

ASSOCIATE OF SCIENCE DEGREE IN MARKETING

Total credits required: 60 semester credits

Hawai'i Pacific University offers the Associate of Science degree in Marketing to students enrolled through Military Campus Programs upon completion of 60 semester hours of required and elective subjects. Students may continue to take the courses required for a Bachelor of Science in Business Administration with no major or with a major in Accounting, Business Economics, Computer Information Systems, Entrepreneurial Studies, Finance, Human Resource Management, International Business, Marketing, Public Administration, or Travel Industry Management. In addition to offering classroom-based instruction, HPU makes the AS in Marketing degree program available entirely online through Military Campus Programs.

PROGRAM OBJECTIVES

Students who earn the Associate of Science in Marketing will:

- 1. Demonstrate understanding of marketing as a function and as a process and its role in the operation and success of a business or organization.*
- 2. Apply current theories in the field of marketing, especially in terms of understanding buyer behavior, defining target markets, identifying and evaluating market segments, and demonstrating knowledge about elements of the marketing mix.*
- 3. Identify the factors that result in opportunities and challenges related to national and international marketing specifically relating to changes in demographics, social and political developments, impacts of e-commerce, and other environmental trends.*

I GENERAL EDUCATION REQUIREMENTS (21 semester credits)**Communication Skills (6 semester credits)**

Both of the following

WRI	1100	Writing and Analyzing arguments
COM	1500	Public Speaking or COM 2000 Public Speaking

Values and Choices (3 semester credits)

One of the following:

AMST	1776	Essential America
CLST	1000	Great Books East and West
ENG	2201	Literary Utopias and Dystopias
ENG	2203	Banned Books
HUM	3000	The Contemporary Choices
PHIL	2500	Introduction to Ethics
PSCI	2000	Introduction to Politics
SWRK	2000	The Profession of Social Work

World Cultures (3 semester credits)

One of the following:

ANTH	2000	Introduction to Anthropology
COM	2300	Communication and Culture
HIST	2402	American History Since 1865
MUS	2101	Music in World Culture
REL	2001	Search for Meaning
SOC	1000	Introduction to Sociology

STSS 2601 War and Civilization

Global Systems (3 semester credits)

One of the following

BIOL 1000 Introduction to Biology

CHEM 1000 Introductory Chemistry

GEOL 1000 Introduction to Geology

GEOG 1000 Introduction to Physical Geography

MARS 1000 Introductory Oceanography

PHYS 1000 Introduction to the Physical Sciences

Research and Epistemology (6 semester credits)

MATH 1105 Intermediate Algebra or MATH 1130 Pre-Calculus I

WRI 1200 Research, Writing and Argument

II MARKETING: REQUIRED COURSES (24 semester credits)

ACCT 2000 Principles of Accounting I

ACCT 2010 Principles of Accounting II

CSCI 1011 Introduction to Computer Information Systems or CSCI 1041 Digital Literacy in a Global Society

ECON 2010 Principles of Microeconomics

ECON 2015 Principles of Macroeconomics

MGMT 1000 Introduction to Business

MKTG 3000 Principles of Marketing

Plus one MKTG elective

**III PREREQUISITE COURSES AND UNRESTRICTED ELECTIVES
(15 semester credits)**

PREREQUISITE COURSES (up to 6 credits)

MATH 1101 Fundamentals of College Mathematics (prerequisite for MATH 1105)

WRI 1050 English Fundamentals (prerequisite for WRI 1100)

These courses are required only for students whose placement exams indicate the need for the courses. Some students may be able to go directly into WRI 1100 or a higher Math course. Students who place out of these courses will have unrestricted electives instead.

UNRESTRICTED ELECTIVES (9-15 credits)

Students will take enough credits in unrestricted electives to bring the total for the degree to 60 semester credits.

Residency requirement: Students must complete at least 15 semester credits in residence with Hawaii Pacific University; at least six (6) credits must be from the degree's list of required courses. Non-traditional transfer credits (military and credit by examination) may not exceed 36 hours.

Students who wish to major in multiple Associate degrees must complete at least five (5) additional, unique HPU courses per degree.

ASSOCIATE OF SCIENCE DEGREE IN MILITARY STUDIES

Total credits required: 60 semester credits

Hawai'i Pacific University offers the Associate of Science degree in Military Studies to students enrolled through Military Campus Programs upon completion of 60 semester hours of required and elective subjects. Students may continue to take the courses required for a Bachelor of Science in Diplomacy and Military Studies. In addition to offering classroom-based instruction, HPU makes the AS in Military Studies available entirely online through Military Campus Programs.

PROGRAM OBJECTIVES

Students who earn the Associate of Science in Military Studies will:

- 1. Apply the perspectives of history, political science, and international relations to understand military studies.*
- 2. Place questions and issues concerning the role of the military within their chronological and geographical context to serve as a foundation for more in-depth inquiries.*
- 3. Make use of critically reflective tools for interpreting pertinent historical, cultural, philosophical, and political issues.*

I GENERAL EDUCATION REQUIREMENTS (18 semester credits)**Communication Skills (3 semester credits)**

WRI 1100 Writing and Analyzing arguments

Values and Choices (3 semester credits)

One of the following:

BIOL	1300	Nutrition: Eat Smarter
ECON	1000	Naked Economics
ECON	2010	Principles of Microeconomics
ENG	2202	Best Sellers
ENG	2204	Monsters in Literature and Popular Culture
ENG	2301	World Film Studies
HIST	2111	Introduction to Greco-Roman Civilization
HUM	1000	Introduction to Humanities
PSCI	2500	World Politics
SOC	2000	Social Problems and Policy
THEA	1000	Introduction to Theater

World Cultures (3 semester credits)

One of the following:

AL	2000	Introduction to Linguistics
ARTS	1000	Introduction to Visual Arts
ARTS	2150	Introduction to Design
BIOL	2170	Ethnobotany
ENG	2510	World Literature I
ENG	2520	World Literature II
HIST	2113	Modern Europe
HIST	2401	American History to 1877
GEOG	2500	Maps and Civilization

MUS	1000	Introduction to Classical Music
REL	2151	Hebrew Bible as Literature
THEA	2320	Acting I: Basic Acting for Stage and Screen

Global Systems (3 semester credits)*One of the following*

BIOL	1000	Introduction to Biology
CHEM	1000	Introductory Chemistry
GEOL	1000	Introduction to Geology
GEOG	1000	Introduction to Physical Geography
MARS	1000	Introductory Oceanography
PHYS	1000	Introduction to the Physical Sciences

Research and Epistemology (6 semester credits)

MATH	1105	Intermediate Algebra or any course from the Research and Epistemology B category of the general education program. See page 61.
WRI	1200	Research, Writing and Argument

II MILITARY STUDIES: REQUIRED COURSES (21 semester credits)**History (9 semester credits)**

HIST	2001	History of World Cultures to 1500 or HIST 2401 US History to 1877
HIST	2002	Global Historical Experience since 1500 or HIST 2402 US History Since 1865
HIST	3666	U.S. Military History

Political Science (9 semester credits)*Any two of the following:*

PSCI	1400	American Political System
PSCI	2000	Introduction to Politics
PSCI	2500	World Politics

And any one of the following:

PSCI	3100	International Relations
PSCI	3412	American Foreign Policy
PSCI	4051	Comparative Politics

Strategic and Security Studies (3 semester credits)

STSS	2601	War and Civilization
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**III PREREQUISITE COURSES AND UNRESTRICTED ELECTIVES
(21 semester credits)****PREREQUISITE COURSES (up to 6 credits)**

MATH	1101	Fundamentals of College Mathematics (prerequisite for MATH 1105)
WRI	1050	English Fundamentals (prerequisite for WRI 1100)

These courses are required only for students whose placement exams indicate the need for the courses. Some students may be able to go directly into WRI 1100 or a higher Math course. Students who place out of these courses will have unrestricted electives instead.

UNRESTRICTED ELECTIVES (15-21* credits)

Students will take enough credits in unrestricted electives to bring the total for the degree to 60 semester credits. *Students who count PSCI 2500 or HIST 2401 for both general education and as a “required course” for Military Studies will have additional credits of unrestricted electives. The total number of such credits would be 27 for a student who needs no prerequisite courses and who counts both of those courses in both the general education and the “required courses” section.

Residency requirement: Students must complete at least 15 semester credits in residence with Hawaii Pacific University; at least six (6) credits must be from the degree’s list of required courses. Non-traditional transfer credits (military and credit by examination) may not exceed 36 hours.

Students who wish to major in multiple Associate degrees must complete at least five (5) additional, unique HPU courses per degree.

ASSOCIATE IN SUPERVISORY LEADERSHIP

Total credits required: 60 semester credits

Hawaii Pacific University makes available to students enrolled through Military Campus Programs a special curriculum degree. This is the Associate in Supervisory Leadership. In addition to offering classroom-based instruction, HPU makes the Associate in Supervisory Leadership degree program available entirely online through Military Campus Programs.

Application of Army training and experience to this program is based upon the credit recommendations provided by the American Council on Education (ACE).

PROGRAM OBJECTIVES

Students who earn the Associate in Supervisory Leadership will:

1. *Understand the use of motivational theories and principles in leading employees.*
2. *Understand the principles and problems of office management.*
3. *Understand how to conduct performance evaluations and compensation, counseling and career development, grievance, and disciplinary procedures.*
4. *Understand the applications of psychology for use by supervisors and the responsibilities of the supervisor as a leader.*
5. *Understand how human resource decisions affect relationships, attitudes, and the behaviors of employees.*
6. *Solve problems and make decisions based on research and analysis.*
7. *Understand team building, and function as contributing members of teams.*
8. *Be able to explain, understand, and criticize information and opinions.*

I GENERAL EDUCATION REQUIREMENTS (15 semester credits)

Communication Skills (6 semester credits)

Both of the following

WRI	1100	Writing and Analyzing arguments
COM	1500	Public Speaking or COM 2000 Public Speaking

Values and Choices (3 semester credits)

One of the following:

AMST	1776	Essential America
CLST	1000	Great Books East and West
ENG	2201	Literary Utopias and Dystopias
ENG	2203	Banned Books
HUM	3000	The Contemporary Choices
PHIL	2500	Introduction to Ethics
PSCI	2000	Introduction to Politics
SWRK	2000	The Profession of Social Work

Research and Epistemology (6 semester credits)

MATH	1105	Intermediate Algebra or MATH 1115 Survey of Mathematics or MATH 1130 Pre-Calculus I
WRI	1200	Research, Writing and Argument

II SUPERVISORY LEADERSHIP: REQUIRED COURSES (15 semester credits)

CSCI	1011	Introduction to Computer Information Systems or CSCI 1041 Digital Literacy in a Global Society
MGMT	1000	Introduction to Business
MGMT	2000	Principles of Management

Plus two MGMT electives

**III PREREQUISITE COURSES AND UNRESTRICTED ELECTIVES
(30 semester credits)**

PREREQUISITE COURSES (up to 6 credits)

MATH	1101	Fundamentals of College Mathematics (prerequisite for MATH 1105)
WRI	1050	English Fundamentals (prerequisite for WRI 1100)

These courses are required only for students whose placement exams indicate the need for the courses. Some students may be able to go directly into WRI 1100 or a higher math course. Students who place out of these courses will have unrestricted electives instead.

UNRESTRICTED ELECTIVES (24-30 credits)

Students will take enough credits in unrestricted electives to bring the total for the degree to 60 semester credits.

Residency requirement: Students must complete at least 15 semester credits in residence with Hawaii Pacific University; at least six (6) credits must be from the degree's list of required courses. Non-traditional transfer credits (military and credit by examination) may not exceed 36 hours.

Students who wish to major in multiple Associate degrees must complete at least five (5) additional, unique HPU courses per degree.



GRADUATE STUDIES OVERVIEW



INTRODUCTION TO GRADUATE EDUCATION

The goal of graduate education at a Masters level is to elevate and motivate thinking to a more advanced level, preparing the student to become a productive, innovative and creative problem solver and decision-maker in the field or discipline of his or her choosing.

The degree allows the student to master a particular scope of knowledge, relate and integrate that knowledge to other disciplines, use it to understand and apply concepts, theory and principles in new and challenging situations, and to analyze and solve complex problems. Research methodology, technical and communication skills are part of the curriculum with the purpose of preparing the graduate to become a decision-making professional, complete with the attitudes and abilities to grow as an advanced professional in his or her field.

Curriculum may include coursework centered around research, case studies, applied projects, collaborative work with organizations outside of the university, and internships. A capstone experience completes the master's program and may include one of the following: a major research-driven thesis or its equivalent; a comprehensive professional-level project or case study; an internship or work of original art; or a comprehensive exam.

CENTER FOR GRADUATE AND ADULT SERVICES

The Center for Graduate and Adult Services is a multiservice center designed to support graduate students and undergraduate adult students from their initial inquires about the degree programs through graduation. The Admissions staff will guide students through the application process, answer questions concerning the programs, and notify students regarding admissions decisions. Upon admission to a graduate program, a Graduate Academic Advisor will provide registration assistance and other information to begin graduate work. The Graduate Academic Advisor will work closely with each graduate student until graduation to

assist with making sure degree requirements are met and to address any other concerns that might arise. The Center for Graduate and Adult Services also processes tuition payments and serves as a liaison with other University departments to ensure that each student finds the information and support that she/he needs.

ADMISSIONS

Requirements

Admission into HPU graduate programs is based upon the student's prior academic record, professional experience, and potential for success in graduate studies. Students who have earned a baccalaureate degree (or the equivalent to a U.S. College or university degree for international students) with a G.P.A of 2.7 or higher are encouraged to apply for admission. Admissions decisions are made based on written recommendations, a history of professional experience, and, if required, personal interviews and GMAT, PRAXIS, GRE and TOEFL scores. Refer to the Application Procedures for any program specific requirements. Admissions decisions are made on a rolling basis upon receipt of all required documents.

Applications Guidelines

1. Since Hawaii'i Pacific University operates on a rolling admissions basis, early application is encouraged.
 2. Admissions decisions are made once all documents have been received. Notification letters are generally mailed immediately after a decision is made.
 3. Applicants will be contacted if additional information is needed.
 4. Applicants who have been admitted will receive additional registration information following the initial acceptance letter.
 5. The Admissions Committee may offer conditional admission to applicants under very specific circumstances. Please consult with the Graduate Admissions Office for details.
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Application Procedures

Applicants should submit the following materials to:

Hawai'i Pacific University
Graduate Admissions
1164 Bishop Street, Suite 911
Honolulu, HI 96813-9887

Students applying for admission to the graduate program should:

1. Complete the graduate application. Please be sure to complete each section.
2. Forward an application fee of U.S. \$50.00 payable to Hawai'i Pacific University. Payment must be made by check, credit card, money order, or bank draft in U.S. dollars.
3. Submit official transcripts showing successful completion of all undergraduate degrees and other postsecondary work. Be sure to send official transcripts from all universities and colleges attended.
4. Submit two letters of recommendation. The letters should be written by employers, former professors, or other persons who can attest to your ability to succeed as a graduate student and as a professional in your intended field.
5. **MBA Applicants:** send Graduate Management Admission Test (GMAT) scores directly to the Graduate Admissions Office.
6. **Military FlexTRACK MBA Program:** for more information, please visit the following website <<http://www.hpu.edu/flextrack>>.
7. **Nursing Applicants:** a graduate Nursing faculty member, in person or by telephone, will interview each applicant who will be expected to provide evidence of:
 - a. the successful completion of a baccalaureate nursing degree from a nationally accredited school of nursing. Non-U.S. nursing program graduates must have their educational program evaluated by the HPU Nursing Program.
 - b. an undergraduate grade point average (G.P.A) of 3.0 or higher. Those with less than a 3.0 G.P.A. may be considered for conditional admission.
 - c. one year of experience over the preceding 36 months as a registered nurse.
8. **Teacher Education Applicants:** passing PRAXIS scores and an interview by a graduate faculty member are required.
9. **Marine Science Applicants:** An interview by a College of Natural Sciences faculty member is required. Each applicant should provide proof of:
 - a. Successful completion of a science baccalaureate program with cumulative G.P.A. of 3.0 or higher on a scale of 4.0.
 - b. Two letters of recommendation from individuals with a pertinent professional relationship to the student. The letters should address the students' academic preparation and aptitude for research. Additional information on the students' pertinent experience and personal attributes relevant to graduate school experience should be included.
 - c. Applicants should submit their Graduate Record Examination (GRE) results directly to the Graduate Admissions Office. Results need to be received before an interview will be scheduled.
 - d. A letter of intent from the student describing his/her interest and motivation to study at HPU for a Master of Science in Marine Science is required. The student should include pertinent background and research experience. The letter of intent should indicate a possible research interest and identify a faculty member from the College of Natural Sciences capable of supporting the research.
10. **Social Work Applicants:** may be interviewed by a Social Work faculty member.
11. **Joint Degree Applicants:** students wanting to prepare for multidiscipline careers may apply for joint degree programs at the initial stage of admission or while pursuing one of the degrees.

Students who enter a joint degree while already in a degree program must do so in writing and prior to entering the capstone series of classes.

12. **Graduate Special Status Applicants:** Graduate special status students may take up to 12 credits at HPU. After completing 12 credits a student must apply as a degree seeking student. For detailed information about how to apply as a special status student, please visit the following website: <<http://www.hpu.edu/admissions/specialstatus.html>>.

Admissions Deferral Procedures

Applicants who have been admitted, but wish to defer the start of their graduate program may request to defer up to one (1) year from the term they were admitted. Students must send an email to the Graduate Admissions office providing name, banner ID, and term to which they wish to defer their applications. Students will NOT be required to submit another application, application fee or supporting documents; however, if students choose to defer past one (1) year, they will be required to reapply and submit another application fee and supporting documents for review.

Additional Requirements for International Students

International students seeking admission into a graduate program, who are not native speakers of English and have not completed their degrees at U.S. English-speaking colleges or universities, must manifest adequate English language skills. Submission of a recognized English placement test score is highly recommended. The minimum scores that HPU recognizes are:

<u>Recognized Tests</u>	<u>Minimum Score</u>
Paper-Based TOEFL	550, Essay 5
Computer-Based TOEFL	213, Essay 5
Internet-based TOEFL (IBT)	80, Writing 25

International English Language Testing System (IELTS) 6.0 and 6.5 on the Writing Module

Pearson Test English Academic (PTE Academic) 58 overall

ELS Completion of level 112 and passing grade on the final exam

International students must also:

1. have official copies of transcripts sent directly from your postsecondary school or testing authority, including an English translation, to the Graduate Admissions Office.
2. submit a completed and signed Hawai'i Pacific University Statement of Financial Sponsorship Form (supplemental form) accompanied by an original certified bank statement, indicating that sufficient funds are available to support the first year of graduate school. Hawai'i Pacific University will issue on I-20 to accepted international students.
3. Submit an original or certified copy of a bank statement or letter showing that you, your sponsor, or guardian(s) have an account, which provides sufficient funds to cover one year of study at Hawai'i Pacific University. (This is a requirement of the Department of Homeland Security.)

ELS Language Centers at Hawai'i Pacific University

International graduate students, who are nonnative speakers of English and do not have appropriate English placement scores, are recommended to attend ELS Language Centers prior to entering graduate courses. ELS, the international leader in academic English-language preparation, will provide intensive English training for HPU students. Located at the HPU Downtown Campus, ELS offers intensive (30 lessons per week) programs organized over 4-week sessions. Four weeks are required to complete each level in the ELS 12-level curriculum. ELS's 12-level program ranges from absolute beginner to the highly ad-

vanced level needed for university entry.

With the exception of the MA TESOL program, HPU will accept a Certificate of Completion of Level 112 of the ELS Intensive English program in place of its TOEFL requirement, and will offer conditional letters of admission for all students who meet HPU's academic requirements but have not yet satisfied our minimum English requirement. Please note that students who are in levels 110, 111 or 112 may enroll concurrently at HPU, earning credits that can be used towards a degree.

ELS students wishing to pursue the MA TESOL must consult with the Center for Graduate and Adult Services for English language requirements.

ELS students are integrated into HPU's student life experience, providing them the opportunity to make friends with American and other international students from the moment they arrive; by the time they are ready to matriculate into full-time graduate study at HPU, they will be fully oriented and prepared for their HPU education.

Students who do not meet the English language requirements established by the university will need to apply to both the HPU ELS Center and HPU.

SCHOLARSHIPS

Hawai'i Pacific University offers several types of graduate scholarships to new, full-time, degree-seeking students. U.S. citizens, permanent residents and international students who have a demonstrated financial need may apply.

<i>Name</i>	<i>Academic Year Value</i>
Graduate Trustee	\$6,000 (\$3,000/sem)
Graduate Dean	\$4,000 (\$2,000/sem)
Graduate Kokua	\$2,000 (\$1,000/sem)

Eligibility and Criteria

New, full-time degree-seeking students, who believe they have a financial need, may apply for graduate scholarships. Other factors that may be considered when evaluating requests are:

- Previous academic record.
- Community involvement and service.
- Professional work experience and achievement.

Scholarship Application Process

Priority consideration is given to those students who apply by the deadline. Applications received after the priority deadline will be awarded on a funds-available basis. You will be notified by mail as decisions are made should you apply for a graduate scholarship. The type and value of the scholarship will be explained in the award letter if you are selected as a scholarship recipient.

ACADEMIC POLICY AND PROCEDURES

Course Loads

During Fall and Spring semesters, a student is required to take 9 credits to be considered full-time. Students may not exceed 12 semester hours of graduate-level work without special written permission from the dean from their respective academic division. Students taking only prerequisite courses must take a minimum of 12 semester hours to maintain their full time status. The maximum number of courses permitted for students taking only prerequisite courses is 18 semester hours.

Cooperative Education and Internships

Co-ops and internships and practica are available for qualified graduate students in a number of leading firms and organizations in the private and not-for-profit sectors. Co-ops are paid work experience opportu-

nities. Students who are in the process of exploring career opportunities may utilize the co-op work experience to enable them to make sound career decisions. The student gains practical experience and knowledge in a specific job while making a bona fide contribution to the employing organization; the employer gains a reliable, enthusiastic worker; and the University develops a positive partnership with the business, government, or not-for-profit agency.

Internships are professional, managerial, or highly technical in nature. They are intended to provide the University's most outstanding and competitive students with work experiences leading directly, upon graduation, to career positions either with the firms or organizations where they have interned or similar employers.

Graduate students must maintain a 3.0 GPA to be eligible to participate in these programs. International students must be enrolled full time, while U.S. citizens may be enrolled part time to earn co-op or internship credits. Students may apply a total of three semester hours toward a concentration. See co-op and internship sections.

Students interested in this program should contact the Career Services Center and your graduate advisor.

Time Requirement

Students should complete the requirements for their graduate programs within seven years of their first enrollment into an HPU graduate program. They must complete the professional paper/capstone course within one year of initial registration.

Leave of Absence

Students who plan to discontinue their studies for more than one semester should provide a written statement to the Center for Graduate and Adult Services. Students returning to their studies who do not have an approved leave of absence in their files may be required to enroll under the catalog requirements of the current semester. Students discontinuing their studies for more than one year who do not have an approved leave of absence in their files will be required to

reapply and enroll under the catalog requirements of the current semester.

ACADEMIC CREDITS AND GRADES

Credits

The University typically awards three semester hours of credit for course completion. Exceptions include practica and internship courses for one or two semester hours credit each as well as some capstone and special topics courses.

Transfer credits

MBA, MA/GLSD, MA/OC, MA/HRM, MA/DMS, MSN, and MSW students may receive up to 15 semester hours of transfer credit for pertinent graduate work completed at other accredited colleges or universities. MSIS students may transfer up to 12 semester hours. MADMS military students may transfer up to 18 semester hours. MATESOL students may transfer up to 6 semester hours. Students seeking a joint degree may transfer up to 24 semester hours.

Students who have completed military or institutional training of a formal nature (such as the Naval War College, etc.) may be considered for transfer credit on the basis of recommendations of the American Council on Education(ACE).

Requirements for transfer of credit are as follows:

1. The student must have completed a baccalaureate degree at the time he or she took the course(s) in question and have been accorded graduate status. Courses to be transferred must clearly be graduate-level courses.
 2. The course(s) being considered must have been completed no more than five years before initial enrollment in the HPU graduate program and no more than seven years before completion of relevant HPU degree;
 3. The student must have earned a B or better in each of the courses considered for transfer;
 4. Transferred courses to be applied
-

against core courses must be the same in terms of curriculum and developed competencies. No transfer credit will be awarded to replace the Hawai'i Pacific University capstone courses.

5. The student must provide official transcripts from all institutions from which they are requesting official transfer credit.
6. To have transfer credits evaluated in order to determine if they can be applied towards the program course requirements, students must begin by contacting their Graduate Academic Advisor and requesting that the credits be evaluated. With the assistance of the academic advisor, the student will need to complete a General Petition form which requires the inclusion of a course description for each course that will be evaluated for transfer credits. The course description should be within the same catalog period as when the course was taken. When a course description is vague or does not convey clearly the course content, a course syllabus will be required. The General Petition is submitted to the appropriate College for the final decision if the course meets the requirements to make it eligible to be evaluated. The final number of credits awarded might vary depending upon whether it was taken during a semester or a 10-week term.

Grades

To earn the graduate degree, students must complete all courses with at least a cumulative 3.0 GPA. (Upper-division undergraduate accounting and law classes required as part of the Accounting concentration are considered graduate courses for GPA purposes.) All courses taken (except those taken under the Forgiveness Policy) will count toward the student's graduate level GPA for determining academic progress, probation, and graduation. This includes prerequisite courses. In addition, graduate students must complete all degree requirements with a minimum cumulative 3.0 GPA. Students enrolled in Joint Programs

must meet this requirement for each degree separately.

Students receiving a grade of F or NC in a core or capstone course must usually repeat the course to earn an acceptable grade. Students receiving an F for a concentration or elective course may repeat the course. For the first six credit hours of repeat credit, the grade on each retake will be the one used to calculate the cumulative GPA, although the original grade will remain on the transcript. Otherwise, all courses taken at HPU are used for cumulative GPA calculations, including repeats.

Grade Description/Quality Points

A	Excellent	4.0
A-		3.7
B+		3.3
B	Good	3.0
B-		2.7
C+	Average	2.3
C		2.0
F	Failure	0.0

W Withdraw
Does not affect GPA but will permanently appear on the transcript

P Passing
Does not affect GPA.

CR/NC Credit or No Credit
Does not affect GPA

Honors At Graduation

Students who complete a graduate degree will have their honors point average (HPA) calculated based on all graduate courses. Students with a minimum GPA of 3.7 are considered for the award of "With Distinction" at graduation. Specific requirements include:

1. Completion of at least 24 semester credits of work at HPU toward the MEd, MSIS, MSMS, MSN, MSW or MA, or 27 semester credits toward the MBA, or all semester credits for MATESOL, or 39 semester credits for a joint degree program.
2. An HPA of at least 3.7 for all HPU coursework taken while in graduate status

3. An HPA of at least 3.7 for all graduate coursework completed at any college or university.

Academic Probation and Suspension¹

¹ *For policies effective Fall 2012 please see Addendum III at the end of the catalog.*

Students with graduate student status must maintain a 3.0 GPA to remain in good academic standing after attempting nine semester credit hours. Students will be placed on academic probation following failure to achieve a 3.0 GPA.

The progress of students who are placed on academic probation will be monitored each semester. Students must schedule periodic meetings with an academic advisor who will work with them and monitor progress. Probationary students are restricted to taking 9 semester credit hours (three graduate courses), or 12 semester credit hours (combination of graduate and undergraduate courses) during a regular semester (spring and fall).

Students on probation for the second consecutive semester—or after completion of 9 or 12 semester hours (as appropriate) subsequent to being placed on probation for the first time—and who have not demonstrated satisfactory progress in raising their GPA may be suspended.

Ordinarily, suspended students are not readmitted to the University. However, after remaining disenrolled for at least six calendar months, students may petition the Center for Graduate and Adult Services requesting reinstatement. The Center for Graduate and Adult Services will coordinate with the Vice-President of Academic Affairs concerning the student's request and provide a reply. To be considered for reinstatement, students must show that they have the ability and motivation to return to Hawai'i Pacific University and resume graduate studies.

CAPSTONE REQUIREMENT

To graduate, students must meet both uni-

versity requirements and those established within each graduate program. The University requires a minimum 3.0 GPA to graduate and the successful completion of a capstone experience. Each graduate program has its own specific degree requirements, including a capstone experience, which students must meet.

A capstone or culminating experience provides students with an opportunity to integrate prior learning and is undertaken at the conclusion of the program of study. It can take several different forms including a thesis, professional paper, special project, portfolio, or comprehensive exams. For a complete explanation of degree requirements, capstone experience and any related policies and procedures, please go to the specific graduate program web page and/or talk to a Graduate Academic Advisor or the Department Chair of the graduate program of interest.

Students interested in pursuing a joint degree while already in a degree program must submit a request in writing prior to entering the capstone series of courses. Moreover, the students must complete the required core courses of the joint program before beginning the capstone series.

Students desiring to take a subsequent degree after completing an HPU graduate program, may transfer 12 semester hours of core courses into the new program. Specific program course requirements appear on the subsequent pages of this section and are available through the Center for Graduate and Adult Services.

MSW students who have not completed the professional paper within one year must re-enroll in SWRK 7350. MA/DMS students must complete HIST 7602 within seven years from first graduate enrollment. Students who do not complete HIST 7602 in the semester of enrollment will receive an incomplete grade for the course if they can demonstrate close proximity to finishing, otherwise they will receive an NC grade and must maintain continuous enrollment in HIST 7003 for up to 3 semesters.

Students receive the grades A, B, C, or F for

IS 6700 or OC 7100 course. The grades awarded for IS 7200, NUR 7000, COM 7300/7250, or OC 7200 are A, B, C, and NC (no credit). The NC grade is assigned to those students who have not successfully completed the professional paper at the end of the term. Students receiving the NC grade must register for IS 7200, OC 7200, NUR 7000, or COM 7250 in the next semester and maintain continuous enrollment for up to one year until they have successfully completed the paper. As long as the student has been continuously enrolled in the professional paper course, he or she will be awarded three semester hours of credit with the appropriate grade upon completion of the paper. The student who has taken an unapproved hiatus between IS 6700 and IS 7200 or OC 7100 and OC 7200 must start the sequence again, beginning with IS 6700/OC 7100. Students are responsible for the tuition for continuous enrollment in the professional paper courses and for any retakes of those courses. NUR 7001 and NUR 7002 may be substituted for NUR 7000.

The MBA and joint degree programs require the completion of two capstone courses in the last year of program of study. The capstone courses ensure that they can draw from their analytical, communication, and technological skills and are capable of applying these in a global setting.

Students are to enroll in the capstone course that is specific for the MBA. The MGMT 7001/7002 sequences must be taken in two consecutive semesters, that is, fall and spring, or spring and summer, or summer and fall. The MGMT 7001 course will require students to develop a strategic plan. The implementation of this plan becomes the basis for the MGMT 7002 course.

Students must maintain continuous registration and enrollment in the MGMT 7002 course until the implementation plan is completed. However, students should complete the plan within seven years from first graduate enrollment at HPU and within one year from the first enrollment in MGMT 7001. MBA students who have not completed the plan within the one-year, but are still within the seven-year must re-enroll in MGMT

7001 and begin the capstone sequence anew. Students receive the grades A, A-, B+, B, B-, C+, C, or F for the MGMT 7001 course. The grades awarded for the MGMT 7002 course are A, A-, B+, B, B-, C+, C, and NC (no credit). The NC grade is assigned to those students who have not successfully completed the professional paper at the end of the term. Students receiving the NC grade must register for MGMT 7002 in the next semester and maintain continuous enrollment for up to one year until they have successfully completed the plan. As long as the student has been continuously enrolled in the capstone course, he or she will be awarded three semester hours of credit with the appropriate grade upon completion of the paper. The student who has taken an unapproved hiatus between MGMT 7001 and MGMT 7002 must start the sequence again, beginning with MGMT 7001. Students are responsible for the tuition for continuous enrollment in the capstone courses and for any retakes of those courses. A summary of the capstone courses for the different graduate degree programs is located on the next two pages.

PROFESSIONAL PAPER RETAKE POLICY

Normally, students should complete the professional paper course sequence for the MBA, MSIS, MA/COM, MA/HR, MA/GL, and MA/OC within one year of first enrollment in IS 7100, COM 7150, MGMT 7001, or OC 7100. Satisfactory progress beyond that year is determined by the dean of that particular college, in consultation with the program faculty. At the discretion of the dean of the college in which the program is located, a student may be suspended if satisfactory progress is not made after that one year.

Summary of Graduate Capstone Courses		
Degree Program	Option	Capstone Course(s)
Master of Arts in Communication	Thesis	COM 7150, Thesis I (3 cr.)
		COM 7250, Thesis II (3 cr.)
	Graduate Project/ Comp. Exam	COM 7290, Graduate Project (3 cr.)
		COM 7300, Communication Seminar & Comprehensive Exam (3 cr.)
Master of Arts in Diplomacy and Military Studies		HIST 7601, Research & Writing in Military Studies (3 cr.)
		HIST 7602, Integrative Seminar in Military Studies (3 cr.)
		HIST 7603, Continuing Integrative Seminar in Military Studies (1 cr.)
Master of Arts in Global Leadership & Sustainable Development		GLSD 7100, Professional Paper I Capstone (3 cr.)
		GLSD 7200, Professional Paper II Capstone (3 cr.)
Master of Arts in Human Resource Management		HR 7021, Professional Certification Seminar in Human Resource Management (3 cr.)
Master of Arts in Organizational Change		OC 7100, Professional Paper I (3 cr.)
		OC 7200, Professional Paper II (3 cr.)
Master of Arts in Teaching English to Speakers of Other Languages		AL 7099, Capstone Requirement (1 cr.)
Master of Business Administration		MGMT 7001, Strategic Management I (3 cr.)
		MGMT 7002, Strategic Management II (3 cr.)
Master of Education in Elementary Education	Certification Requirements	ED 6500, Teaching Internship (6 or 9 cr.)
		ED 6510, Teaching Internship Seminar (3 cr.)
	M.Ed. Requirements	ED 7000, Research Methods in Education (3 cr.)
		ED 7100, Professional Paper I (3 cr.) ED 7200, Professional Paper II (3 cr.)
Master of Education in Secondary Education	Certification Requirements	ED 6500, Teaching Internship (6 or 9 cr.)
		ED 6510, Teaching Internship Seminar (3 cr.)
	M.Ed. Requirements	ED 7000, Research Methods in Education (3 cr.)
		ED 7100, Professional Paper I (3 cr.) ED 7200, Professional Paper II (3 cr.)

Note: Capstone courses in **bold italicized print** qualify students for “full time” enrollment status when the capstone course is the only course in the students’ final semester.

Summary of Graduate Capstone Courses (cont.)

Degree Program	Option	Capstone Course(s)
Master of Science in Information Systems	Option A	IS 7000, Systems Integration (3 cr.), plus one IS elective (3 cr.)
	Option B	IS 7100, Graduate Thesis/Applied Project Proposal (6 cr.)
		<i>IS 7150, Graduate Applied Project, or IS 7200, Graduate Thesis (3 cr.)</i>
Master of Science in Marine Science		<i>NSCI 7000, Thesis (1-3 cr.)</i>
Master of Science in Nursing	Option A	<i>NUR 7000, Professional Paper (3 cr.)</i>
	Option B	NUR 7001, Alternate Advanced Practice Option (1 cr.)
		<i>NUR 7002, Alternate Advanced Practice Option (2 cr.)</i>
Master of Social Work		<i>SWRK 7350, Professional Paper (3 cr.)</i>

Note: Capstone courses in ***bold italicized print*** qualify students for “full time” enrollment status when the capstone course is the only course in the students’ final semester.

JOINT PROGRAMS

Hawaii Pacific University offers the opportunity for students to prepare themselves for multidiscipline careers by enrolling in joint programs: Joint MBA and Master of Arts in Human Resource Management, Joint MBA and Master of Arts in Global Leadership and Sustainable Development, Joint MBA and Master of Arts in Organizational Change, Joint MBA and Master of Science in Nursing, Joint MBA and Master of Science in Information Systems, Joint Master of Science in Information Systems and Master of Arts in Human Resource Management, Joint Master of Science in Information Systems and Master of Arts in Global Leadership and Sustainable Development, Joint Master of Science in Information Systems and Master of Arts in Organizational Change, Joint Master of Science in Information Systems and Master of Arts in Diplomacy and Military Studies. Students may apply for a joint program either at the initial admission stage or while pursuing one of the degrees. Students who enter a joint degree while already in a degree program must do so in writing and prior

to entering the capstone series of courses. Moreover, the student must complete the required core courses of the joint program before beginning the capstone series. For MBA/MSIS students, the professional paper must include an integrated study of both business and information systems. For other joint program students, the professional paper must similarly be pertinent to both disciplines.

Students are not required to take MGMT 7001/7002 or OC 7100/7200 to complete the MBA or MA (Human Resource Management, Global Leadership, or Organizational Change) portion of the joint degree program with MSIS. These students are to complete the MSIS capstone course series.

Students desiring to take a subsequent degree after completing an HPU graduate program, may transfer 12 semester hours of core courses into the new program. Specific program course requirements appear on the subsequent pages of this section and are available through the Center for Graduate and Adult Services.



GRADUATE PROGRAMS OF STUDY

MASTER OF ARTS PROGRAMS

**MASTER OF EDUCATION
PROGRAM**

MASTER OF SCIENCE PROGRAMS

**MASTER OF BUSINESS
ADMINISTRATION PROGRAMS**

**MASTER OF SCIENCE IN NURSING
PROGRAMS**

**MASTER OF SOCIAL WORK
PROGRAM**

JOINT MASTERS PROGRAMS

ON-LINE PROGRAMS

CERTIFICATE PROGRAMS

MASTER OF ARTS IN CLINICAL MENTAL HEALTH COUNSELING

PROGRAM OBJECTIVES

Students who complete the Master of Arts in Clinical Mental Health Counseling will:

- 1. Understand professional issues relevant to the practice of counseling and psychology; and demonstrate the ability apply and adhere to the legal and ethical guidelines of the counseling profession.*
- 2. Demonstrate knowledge of and appreciation for individual differences and the diversity of social, cultural and environmental influences on human behavior; and apply multicultural competencies in practice.*
- 3. View human behavior, problems, and concerns from a perspective of human growth and development.*
- 4. Develop an understanding of career development and related life factors and the effects on an individual's mental health and lifestyle.*
- 5. Demonstrate knowledge, skill and multicultural competency related to counseling needs in the clinical mental health setting: etiology, diagnosis, assessment, treatment, and prevention of mental, emotional, and behavioral disorders.*
- 6. Demonstrate theoretical and experiential understanding of the principles, issues, and dynamics of group work; and be able to ethically and competently conduct group counseling.*
- 7. Be able to accurately interpret, evaluate and contribute to professional research literature, and to guide and evaluate counseling practices through research and program evaluation.*
- 8. Demonstrate self-awareness, social and environmental responsibility, and a commitment to services and life-long learning.*

The Clinical Mental Health Counseling Program is a post-baccalaureate program in psychology that prepares students for careers as professional clinical mental health counselors. The program provides students with intensive instruction in the theoretical framework of psychology and counseling and broad experience in empirically supported methods of practice in counseling.

The program design and training philosophy are informed by the scientist-practitioner model of training in psychology. A primary training goal of the program is to produce clinicians who can integrate the science of mental health research with practice. The program curriculum has been developed in keeping with standards set by the Masters in Psychology Accreditation Council (MPAC) and by the Council for Accreditation of Counseling and Related Educational Programs (CACREP). Curriculum fulfills the academic requirements for state licensure as a Clinical Mental Health Counselor; and for counselor credentialing at the national level.

MISSION STATEMENT

The mission of the Master of Arts in Clinical Mental Health Counseling is to prepare students for socially-responsible careers as professional clinical counselors. Embedded in the richly-diverse cultural context that is Hawaii, our program strives to meet the changing needs of the global community in which we live and work. Within this multicultural learning environment and in collaborative partnership with community-based and interdisciplinary training sites, we strive to create a learning environment that is grounded in an appreciation for both psychological science and human diversity. Training is based on

a scientist-practitioner model, emphasizing evidence-based practice, ethical and cultural competence, and development across the lifespan. Our shared goal is to graduate skilled, productive and compassionate counseling professionals who are committed to service and life-long learning.

PREREQUISITES

Admission to the program is based on academic ability and potential for success at the graduate level. Academic ability is evaluated by the applicant's past academic performance, recommendations, and performance on the GRE.

1. A baccalaureate degree from a regionally accredited college or university in the United States or an equivalent degree from another country.
2. A minimum of 3.0 cumulative undergraduate grade-point average (GPA) based on a 4.0 scale.
3. A minimum of 15 credits hours of work in psychology including at least one course in statistics and one course in research methods.
4. Verbal and Quantitative scores on the Graduate Record Examination.
5. Applicants must demonstrate proficiency in written and verbal English. A Test of English as a Foreign Language (TOEFL) examination is required of all foreign applicants from countries in which English is not the native language and who have not attended an American college or university for two consecutive years.

Meeting the minimum requirements does not guarantee admission. Eligible applications are reviewed by the Admissions Committee which uses multiple criteria for the assessment of applicants. Admission is selective. Priority is given to full-time students, but a limited number of exceptional part-time students may be admitted.

COURSE OF STUDY

The Master's of Arts in Clinical and Mental Health Counseling program consists of 60 semester hours of required coursework. Typically these may be taken over two full calendar years (i.e., fall, spring, and summer sessions). The program includes a core curriculum of 48 hours and 12 hours of elective courses. The core curriculum includes course work in theory, methods, and skills. During the second year of study, students complete 2 semesters of internship designed to provide them with counseling experience in community settings. The course electives enable students to choose courses in specialty areas such as substance abuse counseling and family therapy. Students who wish to prepare for future studies at the doctoral level can also elect to prepare ad defend a Master's thesis.

CORE COURSES (48 semester credits)

PSY	6000	Ethical and Professional Issues in Clinical Mental Health Counseling
PSY	6100	Research Methodology and Applied Statistics
PSY	6310	Cognitive Bases of Behavior
PSY	6320	Biological Foundations of Behavior and Introduction to Psychopharmacology
PSY	6330	Social Psychology and Cultural Diversity
PSY	6340	Developmental Psychology
PSY	6341	Career and Lifestyle Development
PSY	6360	Psychopathology
PSY	6500	Psychological Assessment: Theory

PSY	6501	Psychological Assessment: Practice
PSY	6700	Therapeutic Interventions: Theory
PSY	6701	Therapeutic Interventions: Practice
PSY	6730	Crisis Intervention and Trauma Counseling
PSY	6750	Group Interventions: Theory and Practice
PSY	7100	Clinical Practice and Supervision I and II – Community Internship

Note: To be placed in an internship, a student must be in good academic standing and have satisfactorily completed PSY 6000, 6500, 6501, 6600, 6700, and 6701.

ELECTIVE COURSES (12 semester credits)

Choose four courses from the following:

PSY	6410	Assessment and Treatment of Substance Abuse/Addiction
PSY	6720	Cognitive and Behavior Therapy
PSY	6740	Family and Couples Counseling: Theory and Practice
PSY	6760	Counseling Children and Adolescents
PSY	7200	Thesis Research (Repeatable)

MASTER OF ARTS IN COMMUNICATION

PROGRAM OBJECTIVES

Students who complete the Master of Arts in Communication will:

- 1. Understand and be able to apply a variety of communication theories.*
- 2. Understand and be able to employ research techniques used in the social sciences to analyze, interpret, and present data effectively.*
- 3. Have developed the ability to apply communication principles in various contexts, and to projects for actual clients.*
- 4. Demonstrate dynamic, effective, and persuasive oral communication skills.*
- 5. Write clearly, concisely, correctly, and in an appropriate style for the communication objective.*

PREREQUISITES

MGMT 6100* Research Methods and Writing

or

COM 5000* Oral Presentations

COM 5050* Communication Writing

*Non-native speakers of English who did not graduate from a U.S. University must take these courses. Should a student feel he/she has the skill sets required by either COM 5000 or COM 5050, he or she may request an examination for an exemption. Please consult with an academic advisor.

CORE COURSES (12 semester credits)

COM 6000 Introduction to Communication Studies

COM 6050 Research Methods and Materials

COM 6400 Scholarly Communication

And one of the following

COM 6060 Qualitative Research Methods in Communication

COM 6070 Quantitative Research Methods in Communication

ELECTIVE COURSES (21 semester credits)

Choose seven courses from the following:

COM 6010 Strategic Communication

COM 6080 Critical and Rhetorical Studies

COM 6100 Integrated Communication

COM 6200 Organizational Communication

COM 6300 Corporate Communication

COM 6305 Crisis Communication

COM 6310 International Communication

COM 6320 Health Communication

COM 6460 Design and Layout

COM 6480 Digital Imaging

COM 6500 Teaching Techniques

COM 6510 Web Design

COM 6540 History of American News Media

COM 6545 Literary Journalism

COM 6555 Photojournalism

COM 6600 Mediation and Conflict

COM	6610	Persuasion and Negotiation
COM	6620	Communication Strategies for Professionals
COM	6630	Mediation Practice
COM	6650	Communication Law and Ethical Theory
COM	6670	Communication and Legal Practice
COM	6710	Political Communication
COM	6720	The Dao of Rhetoric
COM	6760	Film Criticism
COM	6770	Media Criticism
COM	6910	Selected Topics in Communication
COM	6970	Current Issues in Communication
COM	7290	Graduate Project
MGMT	6510	Managerial Communication
MKTG	6XXX	Any 6000 level Marketing Course
MS	6110	Data Management Using Excel
OC	6441	National and Community Change and Development
OC	6442	Culture and Human Organizations
OC	6443	Change Leadership Models and Methods

At least 5 COM elective courses must be taken

CAPSTONE COURSES (6 semester credits)

Choose one pair of courses from either the Thesis Option or the Graduate Project/Comprehensive Exams Option:

Thesis Option	Graduate Project/Comprehensive Exams Option
COM 7150 Thesis I	COM 7290 Graduate Project
COM 7250 Thesis II	COM 7300 Communication Seminar & Comprehensive Exam
COM 7299 Continuing Thesis II Writing (* as needed)	

Capstone courses are to be taken at the end of the program

MASTER OF ARTS IN DIPLOMACY AND MILITARY STUDIES

PROGRAM OBJECTIVES

Students who complete the Master of Arts in Diplomacy and Military Studies will:

1. *Discuss and apply at an advanced and current level the various methodologies and approaches to the study of history, political science, and international relations in a diplomatic and military context.*
2. *Place questions and issues concerning the role of the military within their chronological and geographical context in the course of more in depth inquiries.*
3. *Make use of critically reflective tools for interpreting pertinent historical, cultural, philosophical, and political issues.*
4. *Articulate the moral and ethical concerns raised through the study of the relationship of force and diplomacy to society and technology.*
5. *Demonstrate the ability to integrate complex issues relating to the role of diplomacy and the military in a substantial piece of research, producing a professional paper of quality.*
6. *Be prepared to undertake further graduate study in history, political science, international relations, and related fields.*

PREREQUISITES

Students from a variety of backgrounds are attracted to this degree program. Therefore, to ensure that each student is adequately prepared for the academic rigors of a graduate-level program, the following courses must be satisfactorily completed as a foundation for graduate studies:

Any TWO 2xxx HIST courses

Any ONE 3xxx HIST course

HIST 4661 History of Military Thought OR HIST 4961 Seminar: Military History

PSCI 2000 Introduction to Politics

PSCI 3100 International Relations

OR

18 undergraduate credits in History, Political Science, and International Relations, including Upper Division coursework in Military and/or Diplomatic History and International Relations.

CORE COURSES (12 semester credits)

HIST 6600 Seminar: Military Historiography

HIST 6601 Seminar: Theory and Practice of Diplomacy from Antiquity to the Present

PHIL 6600 Seminar: Professional Ethics and the Military

and one of the following courses:

HUM 6601 Seminar: The Military and a Civil Society

PSCI 6601 Seminar: Diplomacy and International Relations

MILITARY AND DIPLOMATIC HISTORY COURSES (12 semester credits)

Choose four of the following courses in history (including at least one course each in diplomatic and military history):

HIST 6611 Seminar: War in the Ancient World

HIST 6622 Seminar: The Military Revolution

HIST 6624 Seminar: Revolutionary & Napoleonic Warfare

HIST	6627	Seminar: The First World War
HIST	6628	Seminar: The Second World War
HIST	6631	Seminar: Ways of War in China
HIST	6632	Seminar: Ways of War in Japan
HIST	6641	Seminar: The American Way of War
HIST	6643	Seminar: The American Revolution
HIST	6645	Seminar: The American Civil War
HIST	6648	Seminar: 20 th Century US Military History
HIST	6658	Seminar: 20 th Century Naval Warfare
HIST	6661	Seminar: European Diplomatic History
HIST	6662	Seminar: US Diplomatic History
HIST	6663	Seminar: East Asian Diplomatic History
HIST	6664	Seminar: Middle Eastern Diplomatic History
HIST	6665	Seminar: International History of the Cold War
HIST	6670	Seminar: History of Genocide
HIST	6686	Seminar: War and Society in Wilhelmine Germany, 1871-1918
HIST	6997	Seminar: Directed Readings in History
HIST	6998	Seminar: Special Topics in Diplomatic History
HIST	6999	Seminar: Special Topics in Military History

SUPPORTING FIELDS (12 semester credits)

Choose four courses from at least two of the following supporting fields:

Anthropology

ANTH 6601 Seminar: Violence, Conflict, and War

Art History

ARTH 6601 Seminar: Artists and Images of War

Literature

LIT 6701 Seminar: Literature & the Experience of War

Philosophy

PHIL 6611 Seminar: Political Philosophy

Political Science

PSCI 6151 Seminar: International Organization

PSCI 6400 Seminar: Chinese Foreign Policy

PSCI 6451 Seminar: The Military in Latin American Politics

PSCI 6605 Seminar: Islam & Politics

PSCI 6610 Seminar: Politics of Developing Nations

PSCI 6620 Seminar: Peacebuilding & Conflict Management

PSCI 6630 Seminar: National and International Security

PSCI 6650 Seminar: Foreign Intelligence

PSCI 6660 Seminar: Resistance and Rebellion

PSCI 6661 Seminar: Politics of Terrorism

PSCI 6670 Seminar: Democratization and Human Rights

PSCI 6671 Seminar: Transitions to Democracy

PSCI 6680 Seminar: International Negotiating

PSCI 6997 Seminar: Special Topics in International Relations

International Studies

INTR 6300 Seminar: International & Domestic Emergency Management

INTR 6997 Seminar: Special Topics in International Studies

Strategic and Security Studies

STSS	6301	Seminar: China's National Security and Modern Military Doctrine
STSS	6600	Seminar: 20 th Century Intelligence Studies
STSS	6666	Seminar: Theory and Practice of Diplomacy

CAPSTONE COURSES (6 semester credits or more)

HIST	7601	Research and Writing in Military Studies
HIST	7602	Integrative Seminar in Military Studies
HIST	7603	Continuing Integrative Seminar in Military Studies

MASTER OF ARTS IN GLOBAL LEADERSHIP AND SUSTAINABLE DEVELOPMENT

PROGRAM OBJECTIVES

Students who successfully complete the Master of Arts in Global Leadership and Sustainable Development program will:

- 1. Think systemically and thus identify and analyze the structural causes that underlie global issues and problems.*
- 2. Search collaboratively for solutions to global problems and issues that meet the expectations of multiple stakeholders within ecological limits.*
- 3. Critique events decisions, and issues related to globalization in terms of both their short and long-term consequences across multiple stakeholders, including the natural world.*
- 4. Recognize that the dynamic, complex and interdependent nature of globalization forces requires transparency and democratic processes for optimum solutions if social justice is to be achieved.*
- 5. Analyze global issues using systems thinking concepts and tools, e.g. causal-loop diagrams, timeline analysis, structural analysis.*
- 6. Engage in self reflection of their leadership potential and put in place a personalized plan to develop the leader within.*
- 7. Conceptualize, initiate, and lead change programs that enhance the sustainable development dimension of human systems.*

The Master of Arts in Global Leadership and Sustainable Development is designed to prepare students to lead change initiatives designed to enhance environmental performance, convert economic development into sustainable development, and increase environmental sustainability in all human systems. Students learn to simultaneously search for the underlying causes of global environmental, economic and social problems, while also learning to design and lead initiatives that produce sustainable outcomes for the current and future generations.

The program requires a minimum of 42 semester hours of graduate work. The 42 semester hours are divided into 24 semester hours of core courses, 9 semester hours of a supporting field, and 9 semester hours of research and capstone courses.

PREREQUISITES

Students from a variety of backgrounds are attracted to this graduate program. Therefore, to ensure each student is adequately prepared for the academic rigors of a graduate-level program, the following courses must be satisfactorily completed as a foundation for graduate studies:

CSCI	3201	Information Management Using Spreadsheets and Databases
MGMT	6100	Research Methods and Writing (International Students Only)
SOC	3100	Methods of Inquiry*
SOC	3200	Social Statistics*

**or the equivalent of 6 credits of undergraduate courses in research methods and statistics.*

CORE COURSES (24 semester credits)

GLSD	6000	Sustainable Human Systems
GLSD	6001	Power and Social Systems or ENV5 6150 Environment, Power and Society
GLSD	6350	Global Markets in Transition

GLSD	6500	Ecological Economics and Sustainable Development
GLSD	6340	Environmental History of the Modern World
GLSD	6330	Comparative Management Systems
ENVS	6010	Global Climate Change

Choose one course of the following:

ENVS	4050	Remote Sensing
ENVS	4300	Advanced Photovoltaic Systems Design
ENVS	6030	Sustainable Energy Systems
ENVS	6040	Sustainable Building Science
ENVS	6200	Advanced Photovoltaics
ENVS	6920	Geographic Information Systems
GEOG	4700	Geographic Information Systems
GEOG	6990	Modeling Dynamic Environmental Systems

RESEARCH COURSES (3 semester credits)

Choose one of the following:

BIOL	6090	Advanced Biometry
GLSD	6005	Research Methods for Environmental Policy and Social Systems
IS	6010	Applied Research Methods

CAPSTONE COURSES (6 semester courses)

GLSD	7100	Professional Paper I Capstone
GLSD	7200	Professional Paper II Capstone

SUPPORTING FIELDS (9 semester courses)

Choose 3 courses from 1 of the following supporting fields:

Change and Organizational Consulting

OC	6440	Organizational Development
OC	6446	Consulting Theory and Practice
OC	6447	Consulting and Group Process Facilitation

Communication

COM	6310	International Communications
COM	6320	Health Communications
COM	6710	Political Communications
COM	6720	The Dao of Rhetoric
COM	6770	Media Criticism
COM	6970	Current Issues in Communications

Community Development

OC	6441	National Community Change and Development
OC	6442	Culture and Human Organizations
OC	6443	Consulting and Group Process Facilitation

Education

ED	6450	Science Curriculum and Instruction
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ED	6451	Science Science Curriculum and Instruction Field Experience
ED	6460	Social Studies Curriculum and Instruction

Environmental Science

ENVS	4300	Advanced Photovoltaic Systems Design
ENVS	6020	Advanced Photovoltaic Systems Design
ENVS	6030	Sustainable Energy Systems
ENVS	6040	Sustainable Building Science

International Business

ECON	6400	International Trade
FIN	6100	International Finance
MKTG	6420	International Marketing
HR	6320	HRM: A Global Perspective

International Disaster and Emergency Management

INTR	6300	International and Domestic Emergency Management
INTR	6320	Complex Emergencies
INTR	6340	Disaster Command, Control, Communications, and Coordination
GEOG	6360	Geography and Geology of National Disasters
GEOG	4700	Geographic Information Systems
PSCI	6330	National Security and Policy Making
PSCI	6610	Seminar: Politics of Developing Nations
PSCI	6620	Peace Building and Conflict Management

International Economics

ECON	6400	International Trade
ECON	6450	The World Economy
FIN	6100	International Finance

Religion and Sustainability

REL	4002/6002	Religion, Sustainability, and Globalization
REL	4900	Seminar in Religious Studies
REL	6011	World Religions

World History

HIST	6011	Seminar: Approaches to World History
HIST	6061	Seminar: Modern Imperialism
HIST	6062	Seminar: Modern Revolutions
HIST	6063	Seminar: Atlantic System
HIST	6065	Seminar: Modern Nationalism
HIST	6066	Seminar: Comparative Slavery
HIST	6067	Seminar: Gender
HIST	6622	Seminar: The Military Revolution
HIST	6670	Seminar: History of Genocide
HIST	6966	Seminar: Special Topics in World History

MASTER OF ARTS IN HUMAN RESOURCE MANAGEMENT

PROGRAM OBJECTIVES

Students who complete the Master of Arts in Human Resource Management will:

- 1. Understand and apply appropriate theories and methods for HRM.*
- 2. Develop broad perspectives necessary for analyzing HRM in organizations.*
- 3. Integrate strategy, structure, technology, and people into HRM applications.*
- 4. Relate the HRM process to various national and business settings.*
- 5. Use contemporary HRM techniques in a variety of cross-cultural and societal settings.*
- 6. Understand various HRM models for creating organizational improvements.*

It is the mission of the MAHRM program to prepare students to enter human resource management as a career field, to position themselves to exploit promotion opportunities in the discipline, or to segue into the HR field as managers after successful careers in other management disciplines. In general, we are committed to preparing our students to become HR generalists, specialists, managers, and executives, as their career phase, maturity level, and personal motivation dictates.

Prerequisites

Students from a variety of backgrounds are attracted to this graduate program. Therefore, to ensure each student is adequately prepared for the academic rigors of a graduate-level program, the following courses must be satisfactorily completed as a foundation for graduate studies:

PREREQUISITES

CSCI	3201	Information Management Using Spreadsheets and Databases
MGMT	6100	Research Methods and Writing (International Students Only)
SOC	3100	Methods of Inquiry*
SOC	3200	Social Statistics*

**or the equivalent of 6 credits of undergraduate courses in research methods and statistics.*

CORE COURSES (33 semester credits)

HR	6320	Global Human Resource Management
HR	6400	Human Resource Management
HR	6420	Compensation Management
HR	6450	Safety and Health Management
HR	6460	Human Resource Development
HR	6470	Collective Bargaining and Labor Relations
IS	6010	Applied Research Methods
IS	6100	Information Systems Management
MGMT	6020	The Regulatory and Ethical Environment
OC	6440	Organizational Change and Development
OC	6445	Organizational Behavior

CAPSTONE COURSE (3 semester credits)

HR	7021	Professional Certification Seminar in Human Resource Management
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MASTER OF ARTS IN ORGANIZATIONAL CHANGE

PROGRAM OBJECTIVES

Students who complete the Master of Arts in Organizational Change will:

1. Possess a solid foundation in the theory and practice of organizational design and behavior.
2. Demonstrate competency in recognizing and reconciling cultural differences effecting change and development.
3. Understand change and development theories and practices from a systemic, holistic perspective.
4. Be able to critically evaluate the effectiveness of various change and development models and methods in both global and local contexts.
5. Understand the dynamics of change: in particular, innovation diffusion, change leadership, knowledge management, problem solving, and technology transfer.
6. Be able to work with various stakeholders to design and implement effective and sustainable change and development initiatives.
7. Be able to assess and measure important aspects of change and development, such as the organizational culture, innovation diffusion, performance improvements, and the success/failure of change initiatives.
8. Be able to conduct both primary and secondary research to investigate change and development issues and related problems.
9. Understand the global-wide change and development profession, including the roles of consultants, change agents, educators, political leaders, non-profit administrators, and corporate executives.

The Master of Arts in Organizational Change is designed for students who want to gain expertise in managing change—a continual requirement for long-term survival in today's competitive world. Organizational change involves a multi-disciplinary perspective and uses concepts and methods from such fields as management, sociology, and anthropology, organizational development, technology, psychology, and comparative economics.

The program requires a minimum of 42 semester hours of graduate work. The 42 semester hours are divided into 36 semester hours of core courses and 6 semester hours of capstone courses.

Prerequisites

Students from a variety of backgrounds are attracted to this graduate program. Therefore, to ensure each student is adequately prepared for the academic rigors of a graduate-level program, the following courses must be satisfactorily completed as a foundation for graduate studies:

PREREQUISITES

MGMT 6100 Research Methods and Writing (International Students Only)

OC Core Classes (33 semester credits)

OC	6005	Scope and Methods in Research
OC	6440	Organizational Change and Development
OC	6441	National and Community Change and Development
OC	6442	Culture and Human Organization
OC	6443	Change Leadership Models and Methods

OC	6444	Innovations and Creativity
OC	6445	Organizational Behavior
OC	6446	Consulting Theory and Practice
OC	6447	Consulting and Group Process Facilitation
OC	6448	Assessing Culture
OC	6449	Application of Cultural Competence

Non-OC Core Classes (3 semester credits)

IS	6010	Applied Research Methods
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CAPSTONE COURSES (6 semester credits)

OC	7100	Professional Paper I
OC	7200	Professional Paper II

MASTER OF ARTS IN TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES

PROGRAM OBJECTIVES

Students who complete the Master of Arts in Teaching English to Speakers of Other Languages will be prepared to demonstrate:

1. *Attitudes of a professional. Towards colleagues and students, MA holders will demonstrate teamwork and sensitivity. Towards the discipline, MA holders will demonstrate a spirit of inquiry and reflection. Towards the global community, MA holders will demonstrate cultural sensitivity and global citizenship.*
2. *Skills in spoken and written communication, in academic and pedagogic research, and in teaching including materials development and lesson planning, delivery, management, and assessment.*
3. *Knowledge of the major subfields of linguistics, the theories of second language acquisition, and the principles of language teaching methods; and be able to articulate their own philosophy of language teaching, explaining the principles on which it is based.*

PREREQUISITES

AL 2000 Introduction to Linguistics

CORE COURSES (24 semester credits)

AL 6000 Introduction to TESOL
 AL 6110* English Phonology and the Teaching of Pronunciation
 AL 6120* English Syntax and the Teaching of Grammar
 AL 6730 Assessment in TESOL
 AL 6961 Practicum I in TESOL
 AL 6962 Practicum II in TESOL

And two of the following courses:

AL 6710 Methods of Teaching Oral/Aural English
 AL 6720 Methods of Teaching English Reading and Writing
 AL 6725 Methods of Teaching Writing in ESOL
 AL 6760 Teaching English to Children

*Students may be exempted by exam from taking these courses. Exempted courses do not count toward the 37-credit requirement. Electives must be taken in their place.

ELECTIVE COURSES (12 semester credits)

Choose four courses from the following:

AL 6130 Semantics
 AL 6310 History of the English Language
 AL 6320 Language and Society
 AL 6330 Second Language Acquisition
 AL 6340 Translation in Second Language Acquisition
 AL 6350 Group Dynamics in the Language Classroom
 AL 6600 Seminar in Second/Foreign Language Teaching
 AL 6725 Methods of Teaching Writing in ESOL
 AL 6740 Research and Issues in Computer-Assisted Language Learning

AL 6750 TESOL Materials Development

AL 6760 Teaching English to Children

CAPSTONE COURSE (1 semester credit)

AL 7099 Capstone Requirement

The capstone activity is one of the following:

- A portfolio developed over the time of study in the MA TESOL program.
 - A comprehensive examination based on the core courses and the electives taken by the student.
 - An in-service project connected with a teaching position the student holds or held prior to entering the program and one to which they will return after the program. The project must be at the request of the other institution and likely to be implemented.
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MASTER OF BUSINESS ADMINISTRATION

PROGRAM OBJECTIVES

Students who complete the Master of Business Administration will:

1. *Understand global and domestic economic concepts and their application to the business setting.*
2. *Understand financial concepts and markets, the financial reporting system, and financial analysis.*
3. *Identify customer needs and participate in the process of developing products and services to meet these needs.*
4. *Understand production models, distribution systems, and their role in the value creation process.*
5. *Appreciate the multicultural, political, environmental, legal, and regulatory setting of the organization.*
6. *Possess a thorough understanding of business ethical situations, the laws regarding corporate governance, and the role of their personal integrity and values.*
7. *Possess leadership skills, understand group and individual dynamics, and be able to work in teams.*
8. *Appreciate the importance of ethnic, cultural, and gender diversity in the organization.*
9. *Enhance verbal, written, and presentation communication skills.*
10. *Have well-developed problem solving skills including the ability to analyze uncertain situations, utilize facts and evidence in drawing conclusions, apply decision making theories, and adapt and innovate in new settings.*
11. *Understand information technologies as they influence the structure and processes of organizations and economies, and as they influence the roles and techniques of management.*
12. *Understand the business as an integrated system; the relations between the functional areas; and long-range planning, implementation, and control.*

PREREQUISITES

Students who did not complete a baccalaureate degree in business within the past five years will be required to enroll in leveling courses before enrolling in graduate MBA courses. Leveling courses may be waived if the student can pass a competency test for each one of the leveling courses.

MGMT 6100 Research Methods & Writing (International Students Only)

LEVELING COURSES (9 semester credits)

BUS	5000	Introduction to Economics and Statistical Analysis
BUS	5100	Introduction to Accounting and Finance
BUS	5200	Introduction to Management and Marketing

CORE COURSES (24 semester credits)

ACCT	6000*	Accounting for Managers
ECON	6000	Economics for Business
FIN	6000	Financial Management and Strategy
MGMT	6000	Individuals, Group Dynamics and Teams

MGMT	6020†	The Regulatory and Ethical Environment of Business
MGMT	6050	Management and Technology
MS	6000	Decision Models for Managers
MKTG	6000	Marketing Strategy for Managers

*Accounting/CPA Preparation students are excused from ACCT 6000.

†Accounting students who have previously taken LAW 3000 or its equivalent are excused from MGMT 6020. In its place, they take LAW 3110 Advanced Business Law for Accountants. Accounting students who have never taken LAW 3000 or its equivalent must take both MGMT 6020 and LAW 3110.

COLLEGE OF BUSINESS REQUIRED COURSES (3 semester credits)

MGMT	6910	MBA Seminar I – Managerial Communications
MGMT	6920	MBA Seminar II – An Integrated Approach to Global Trade
MGMT	6930	MBA Seminar III – Leadership Seminar

CONCENTRATION AND ELECTIVE COURSES (9 semester credits)

Three courses must be selected from the 6000-level concentration (see below) and elective courses.

CAPSTONE COURSES (6 semester credits)

MGMT	7001	Strategic Management I
MGMT	7002	Strategic Management II

CONCENTRATIONS

To earn a concentration, the student must successfully complete nine semester hours from the identified list. Those who do not desire a concentration may choose any three classes (9 semester hours) from the 6000-level courses listed. Dual concentrations may be earned by adding the additional nine semester hours from a particular area. Courses may not be concurrently applied toward more than one concentration. Moreover, students may count up to 3 semester hours of concentration-related practicum/internship hours toward a particular concentration.

Accounting

The Accounting/CPA Preparation concentration is for students without an accounting undergraduate degree who wish to prepare for the Uniform CPA exam. This concentration requires a student to take seven undergraduate preparatory CPA courses in lieu of the four graduate courses. Students selecting this concentration must take the following undergraduate courses:

ACCT	3000	Intermediate Accounting I
ACCT	3010	Intermediate Accounting II
ACCT	3020	Intermediate Accounting III
ACCT	3200	Managerial Accounting
ACCT	3300	Federal Income Tax – Individual
ACCT	4100	Auditing
LAW	3110	Advanced Business Law for Accountants

E-Business

ECON	6700	Economics of Electronic Commerce
IS	6200	Electronic Commerce
MKTG	6700	Electronic Marketing

Economics

ECON	6020	Managerial Economics
ECON	6200	Industrial Organization
ECON	6400	International Trade and Finance
ECON	6410	International Financial Markets
ECON	6450	The World Economy
ECON	6809	Management of Financial Institutions
GLSD	6500	Ecological Economics and Sustainable Development

Finance

ECON	6809	Management of Financial Institutions
FIN	6100	International Finance
FIN	6170	International Financial Markets
FIN	6300	Investment Analysis
FIN	6310	Portfolio Management
FIN	6400	Corporate Finance
FIN	6530	Estate Planning
FIN	6600	Trading Derivatives
FIN	6610	Advanced Derivatives

Healthcare Management

MGMT	6445	Management for Healthcare Professionals
MKTG	6445	Healthcare Marketing
FIN	6445	Financial Management in Healthcare

Human Resource Management

GLSD	6000	Sustainable Human Systems
GLSD	6330	Comparative Management Systems
HR	6400	Human Resource Management
HR	6120	Employment Law
HR	6320	Human Resource Management: A Global Perspective
HR	6410	Public Personnel Administration
HR	6420	Compensation Management
HR	6450	Safety and Health Management
HR	6460	Human Resource Development
MGMT	6510	Managerial Communications
MGMT	6520	Professional Ethics
OC	6445	Organizational Behavior

Information Systems

IS	6020	Modern Methods in Project Management
IS	6060	Systems Analysis and Design
IS	6070	Systems Architecture
IS	6230	Knowledge Management

IS	6241	Decision Support and Expert Systems
IS	6250	Global Information Systems
IS	6260	Network Analysis
IS	6280	Business Intelligence
IS	6700	Technology Strategy

International Business

ECON	6400	International Trade and Finance
ECON	6410	International Financial Markets
FIN	6100	International Finance
GLSD	6330	Comparative Management Systems
GLSD	6350	Global Markets in Transition
GLSD	6360	Global Competition and Strategy
HR	6320	Human Resource Management: A Global Perspective
MGMT	6300	International Business Management
MGMT	6310	Contemporary Japan-U.S. Relations
MKTG	6420	International Marketing

Management

ECON	6809	Management of Financial Institutions
MGMT	6010	Production and Operations Management
MGMT	6210	Entrepreneurship
MGMT	6230	Small Business Consulting Seminar
MGMT	6300	International Business Management
MGMT	6310	Contemporary Japan-U.S. Relations
MGMT	6510	Managerial Communications
MGMT	6520	Professional Ethics
MGMT	6530	American Business History
MGMT	6601	Management of Not-for-Profit Organizations

Marketing

MKTG	6100	Global Consumer
MKTG	6110	Market Research
MKTG	6200	Strategic Brand Management
MKTG	6310	Sales Force Management
MKTG	6410	Advertising Management
MKTG	6420	International Marketing
MKTG	6500	Integrated Marketing
MKTG	6600	Marketing for Non-Profits
MKTG	6700	Electronic Marketing
MKTG	6900	Marketing Seminar

Organizational Change and Development

OC	6440	Organizational Development
OC	6441	National and Community Change and Development
OC	6442	Culture and Human Organizations
OC	6443	Change Leadership Models and Methods
OC	6444	Innovation and Creativity
OC	6445	Organizational Behavior
OC	6446	Consulting Theory and Practice

OC	6447	Consulting and Group Process
OC	6448	Assessing Culture
OC	6449	Applications of Cultural Competence

Travel Industry Management

TIM	6110	Seminar in Hotel and Resort Management
TIM	6220	Special Events Management
TIM	6310	Issues in Passenger Management
TIM	6410	Destination Area Planning
TIM	6635	Advanced Business Law: Hotel and Travel
TIM	6655	Information Systems in TIM
TIM	6692	Management Service Organization

MASTER OF EDUCATION IN ELEMENTARY EDUCATION

PROGRAM OBJECTIVES

Students who complete the Master of Education in Secondary Education Program will:

- 1. Understand the central concepts, tools of inquiry, and structures of the discipline(s) that he or she teaches and can create learning experiences that make these aspects of subject matter meaningful for students;*
- 2. Understand how children learn and develop and can provide learning opportunities that support their intellectual, social, and personal development;*
- 3. Understand how students differ in their approaches to learning and can create instructional opportunities that are adapted to diverse learners;*
- 4. Understand and use a variety of instructional strategies to encourage students' development of critical thinking, problem solving, and performance skills;*
- 5. Use an understanding of individual and group motivation and behavior to create a learning environment that encourages positive social interaction, active engagement in learning, and self-motivation;*
- 6. Use knowledge of effective verbal, nonverbal, and media communication techniques to foster active inquiry, collaboration, and supportive interaction in the classroom;*
- 7. Plan instruction based upon knowledge of subject matter, students, the community, and curriculum goals;*
- 8. Understand and use formal and informal assessment strategies to evaluate and ensure the continuous intellectual, social, and physical development of the learner;*
- 9. Are reflective practitioners who continually evaluate the effects of their choices and actions on others (students, parents, and other professionals in the learning community) and who actively seek out opportunities to grow professionally;*
- 10. Foster relationships with school colleagues, parents, and agencies in the larger community to support students' learning and well-being.*

The Master of Education in Elementary Education is a post-baccalaureate program that prepares candidates for licensing in Hawaii and 46 other state in the following teaching field: Elementary Education, grades K-6.

Guided by a profound belief in active, collaborative, experiential, reflective, and transformative learning as well as a deep commitment to diversity and educational technology, this degree program is based on an innovative, inquiry-oriented, standards-driven, and field-based curriculum that integrates content and pedagogy and employs a digital portfolio-based assessment system to evaluate the teacher candidate's progress toward achieving professional standards and proficiencies. In addition, HPU provides teacher candidates with cutting edge, course web page technology tools and access to online periodical databases in education.

University faculty, mentor teachers, and principals join in a unique partnership to deliver an innovative curriculum that has been designed to develop professional educators who are reflective practitioners dedicated to the scholarship of teaching and learning and school renewal. This partnership forms the basis for an alumni *'ohana* that provides continuing mentoring and support to its graduates.

CORE COURSES

Teacher candidates must first take the following core seminar and field experience courses:

ED	6000	The Professional Educator
ED	6200	The Scholarly Teacher
ED	6310	Culturally Responsive Education in Hawai'i
ED	6401	Elementary Education Curriculum, Instruction, and Assessment I
ED	6402	Elementary Education Curriculum, Instruction, and Assessment II
ED	6501	Elementary Education Field Experience I
ED	6502	Elementary Education Field Experience II
PSY	6450	Child and Adolescent Development for Educators

CAPSTONE COURSES

Teacher candidates must then take the following capstone courses before being recommended for licensure:

ED	6500	Teaching Internship
ED	6510	Teaching Internship Seminar

The following courses complete the degree requirements for the Master of Education in Elementary Education

ED	7000	Research Methods in Education
ED	7100	Professional Paper I
ED	7200	Professional Paper II

MASTER OF EDUCATION IN SECONDARY EDUCATION

PROGRAM OBJECTIVES

Students who complete the Master of Education in Secondary Education Program will:

- 1. Understand the central concepts, tools of inquiry, and structures of the discipline(s) that he or she teaches and can create learning experiences that make these aspects of subject matter meaningful for students;*
- 2. Understand how children learn and develop and can provide learning opportunities that support their intellectual, social, and personal development;*
- 3. Understand how students differ in their approaches to learning and can create instructional opportunities that are adapted to diverse learners;*
- 4. Understand and use a variety of instructional strategies to encourage students' development of critical thinking, problem solving, and performance skills;*
- 5. Use an understanding of individual and group motivation and behavior to create a learning environment that encourages positive social interaction, active engagement in learning, and self-motivation;*
- 6. Use knowledge of effective verbal, nonverbal, and media communication techniques to foster active inquiry, collaboration, and supportive interaction in the classroom;*
- 7. Plan instruction based upon knowledge of subject matter, students, the community, and curriculum goals;*
- 8. Understand and use formal and informal assessment strategies to evaluate and ensure the continuous intellectual, social, and physical development of the learner;*
- 9. Are reflective practitioners who continually evaluate the effects of their choices and actions on others (students, parents, and other professionals in the learning community) and who actively seek out opportunities to grow professionally;*
- 10. Foster relationships with school colleagues, parents, and agencies in the larger community to support students' learning and well-being.*

The HPU Teacher Education program is a post-baccalaureate program in Secondary Education that prepares candidates for licensing in Hawaii and 46 other states in the areas of English, Science, Social Studies, Mathematics, and World Languages. With further study, this program also provides candidates with the option to pursue an M.Ed. degree in Secondary Education.

Guided by a profound belief in active, collaborative, experiential, reflective, and transformative learning as well as a deep commitment to diversity and educational technology, this degree program is based on an innovative, inquiry-oriented, standards-driven, and field-based curriculum that integrates content and pedagogy and employs a digital portfolio-based assessment system to evaluate the teacher candidate's progress toward achieving professional standards and proficiencies. In addition, HPU provides teacher candidates with cutting edge, course web page technology tools and access to online periodical databases in education.

University faculty, mentor teachers, and principals join in a unique partnership to deliver an innovative curriculum that has been designed to develop professional educators, who are reflective practitioners dedicated to the scholarship of teaching and learning and school renewal. This partnership forms the basis for an alumni *'ohana* that provides continuing mentoring and support to its graduates.

CO-REQUISITE COURSES

Co-Requisites for the English Concentration

Teacher candidates must take one course in each of the following content components:

- Language development and acquisition, including the history of the English language
- Language structure and skills, including grammar systems and semantics
- Traditional literature study (American, British, and World) including literary criticism/theory and literary terminology
- Multi-cultural literature, young adult literature, and literature of diversity, including that by women
- Literacy study included major aspects of written, oral, and visual literacy
- Reading processes for understanding text including critical analysis and meaning making strategies
- Writing processes for different purposes, situations, and audiences
- Media (print and non-print) and communication technology understanding

Co-Requisites for the Mathematics Concentration

Teacher candidates must take one course in each of the following content components:

- Knowledge of Number and Operation
- Knowledge of Different Perspectives on Algebra
- Knowledge of Geometries
- Knowledge of Calculus
- Knowledge of Discrete Mathematics
- Knowledge of Data Analysis, Statistics, and Probability
- Knowledge of Measurement

Co-Requisites for the Science Concentration

Teacher candidates must demonstrate the following essential competencies:

- 1 year introductory course in field of licensure
- Coursework for a major in a single field of licensure (30 credits; at least 20 of the 30 credits will be third and fourth year course work)
- Supporting coursework in each of the three remaining content areas (generally 1 to 3 survey courses)
- Research in science content
- Mathematics appropriate for the discipline (calculus, statistics)

Teacher candidates must also demonstrate advanced competencies in two advanced areas in each of the four disciplines:

- Biology Genetics, ecology, molecular biology, evolution, evolutionary biology
 - Chemistry Analytical chemistry, organic chemistry, biochemistry
 - Earth/Space Sciences Hydrogeology, oceanography, global climate change, geologic age of the earth
 - Physics Thermodynamics, high energy physics, advanced mechanics, advanced electricity or advanced light
-

Co-Requisites for the Social Studies Concentration

Teacher candidates must take one course in each of the following content components:

- Culture and Cultural Diversity and Individuals, Groups and Institutions (May be addressed by a common course in Anthropology, Sociology, or Cultural Geography)
- Time, Continuity, and Change: U.S. and World History
- People, Places, and Environments: Geography (preferably cultural geography)
- Power, Authority, and Governance: U.S. Government and Civic Ideals and Practices
- Production, Distribution, and Consumption: Economics
- Individuals, Development, and Identity: Psychology
- Science, Technology, and Society
- Global Connections

**Co-Requisites for the World Languages Concentration
(Chinese, French, Hawaiian, Japanese, and Spanish)**

Teacher candidates must take one course in each of the following content components:

- Knowledge of target language use (listening, speaking, reading, and writing)
- Knowledge of the cultures of the target language
- Knowledge of the linguistic system of the target language
- Knowledge of the literatures of the target language

CORE COURSES

Teacher candidates must first take the following core seminar and field experience courses:

ED	6000	The Professional Educator
ED	6200	The Scholarly Teacher
ED	6300	The Reflective Practitioner
ED	6310	Culturally Responsive Education in Hawai'i
ED	6505	Secondary Field Experience I
ED	6506	Secondary Field Experience II
PSY	6450	Child and Adolescent Development for Educators

CONCENTRATION COURSES

Teacher candidates must choose *one* of the following concentration courses:

ED	6420	English Curriculum and Instruction
ED	6440	Mathematics Curriculum and Instruction
ED	6450	Science Curriculum and Instruction
ED	6460	Social Studies Curriculum and Instruction
ED	6470	World Languages Curriculum and Instruction

CAPSTONE COURSES

Next, teacher candidates must take the following capstone courses before being recommended for licensure:

ED	6500	Teaching Internship
ED	6510	Teaching Internship Seminar

The following courses complete the degree requirements for the Master of Education in Secondary Education:

ED	7000	Research Methods in Education
ED	7100	Professional Paper I
ED	7200	Professional Paper II

MASTER OF SCIENCE IN INFORMATION SYSTEMS

PROGRAM OBJECTIVES

Students who complete the Master of Science in Information Systems will:

- 1. Be a specialist in information and systems, not just technology.*
- 2. Be comfortable with large-scale, complex problems and issues.*
- 3. Be able to recognize the seminal ideas in information systems and to apply them to advantage to all consumers, internal and external.*
- 4. Be used to change and know how to resolve uncertain, confused, and misunderstood conditions.*
- 5. Be skilled in the science of building recommendations from a intellectually sound base.*
- 6. Be committed to the idea that people, not hardware and software, are responsible for the effective performance of systems.*
- 7. Understand the dynamic nature of modern organizations; recognize that assumptions, ideas, actions, and policies must be re-validated on a timely basis; and that flexibility is a powerful strategic tool.*

The Master of Science in Information Systems is designed to create a generation of problem solvers and decision makers who are expert in the areas of information, technology, systems design, and problem solving with automated resources. The program intends that students study and become sensitive to the role of information systems in the health and welfare of any organization. In every class, students will be asked to: comprehensively identify problems; create viable solutions, evaluate competing solutions for efficiency, effectiveness, and appropriateness; and implement chosen solutions in a manner consistent with the heuristic of the IS discipline.

Prerequisites

Students from a variety of backgrounds are attracted to this graduate program. Students without experience in technical, scientific, and analytical fields must satisfactorily complete the following selected courses to fully prepare for the academic rigors of the program.

PREREQUISITES

IS	5050	Modern Programming Fundamentals
IS	5060	Software Engineering Tools
IS	5070	Introduction to Hardware and Data Communications
MATH	1123	Statistics
MGMT	6100	Research Methods and Writing (International Students only)

CORE COURSES (18 semester credits)

IS	6000	Contemporary Issues in the I.S. Profession (Strongly recommended that students take IS 6000 in their first semester of the MSIS program)
IS	6020	Modern Methods in Project Management
IS	6065	Enterprise Information Management
IS	6100	Information Systems Management
IS	6130	Telecommunications
IS	6700	Technology Strategy

CAPSTONE COURSES (Option A - 3 semester credits; Option B - 6 semester credits)

Option A: IS 7000 Systems Integration plus one elective

Option B: IS 7100 Graduate Thesis/Applied Project Proposal

IS 7150 Graduate Applied Project

or

IS 7100 Graduate Thesis/Applied Project Proposal

IS 7200 Graduate Thesis

ELECTIVE COURSES IN INFORMATION SYSTEMS

(Option A - 15 semester credits; Option B - 12 semester credits)

IS	6010	Applied Research Methods
IS	6050	Modern Programming Practice
IS	6060	Systems Analysis and Design
IS	6070	Systems Architecture
IS	6110	Comparative Software Engineering
IS	6120	Software Engineering Practicum
IS	6200	Electronic Commerce
IS	6220	Portfolio and Program Management
IS	6230	Knowledge Management
IS	6241	Decision Support and Expert Systems
IS	6250	Global Information Systems
IS	6260	Network Analysis
IS	6280	Business Intelligence
IS	6310	Advanced Topics in Hardware/Systems Theory
IS	6320	Advanced Topics in Software Systems
IS	6330	Advanced Issues in Connectivity
IS	6340	Information Systems Security
IS	6360	Data Warehousing/Data Mining
IS	6380	Systems Forensics
IS	6600	Human-Machine Interface: Usability Issues in IS

CONCENTRATIONS (3 courses)

To earn a concentration, the student must successfully complete nine semester hours from the identified list. Those who do not desire a concentration may choose any three classes (9 semester hours) from the 6000-level courses listed. Dual concentrations may be earned by adding the additional nine semester hours from a particular area. Courses may not be concurrently applied toward more than one concentration. Moreover, students may count up to 3 semester hours of concentration-related practicum/internship hours toward a particular concentration.

Decision Science (DS) Concentration

IS 6010 Applied Research Methods*

IS 6241 Decision Support and Expert Systems*

AND one of the following courses:

IS 6280 Business Intelligence

IS 6360 Data Warehousing/Data Mining

IS 6600 Human-Machine Interface: Usability Issues in IS

Telecommunications Security (TSEC) Concentration

IS 6070 Systems Architecture*

AND two of the following courses:

IS	6330	Advanced Issues in Connectivity
IS	6340	Information Systems Security
IS	6380	Systems Forensics

Knowledge Management (KM) Concentration

IS	6230	Knowledge Management*
IS	6260	Network Analysis*

AND one of the following courses:

IS	6220	Portfolio and Program Management
IS	6250	Global Information Systems

Software Engineering (SWE) Concentration

IS	6050	Modern Programming Practice*
IS	6110	Comparative Software Engineering*

AND one of the following courses:

IS	6120	Software Engineering Practicum
IS	6320	Advanced Topics in Software Systems

*This course is required in the concentration.

MASTER OF SCIENCE IN MARINE SCIENCE

PROGRAM OBJECTIVES

Students who successfully complete the Master of Science in Marine Science will:

- 1. Demonstrate an interdisciplinary knowledge of marine systems.*
- 2. Demonstrate the ability to plan and implement observational, theoretical, and experimental studies.*
- 3. Interpret and critique professional scientific literature.*
- 4. Demonstrate an advanced ability to apply and integrate scientific principles and research data to solve complex problems in the marine systems.*
- 5. Demonstrate competence in scientific communication through technical and scientific reports, publications and oral presentations.*
- 6. Demonstrate professionalism and scientific ethics.*
- 7. Have the competence to gain employment in advanced positions or entrance to a doctoral program in related fields.*

PREREQUISITES

A baccalaureate degree in the natural sciences is required for entry into the MSMS program. Certain course prerequisites may be required before enrolling in graduate MSMS courses, depending on the student's academic preparation and research interests. The graduate thesis committee will determine whether deficiencies exist and how these deficiencies will be addressed.

CORE COURSES (9 semester credits)

Three of the following courses:

MARS	6050	Marine Ecology
MARS	6060	Geological Oceanography
MARS	6070	Chemical Oceanography
MARS	6080	Physical Oceanography
MARS	6090	Biological Oceanography

COLLEGE OF NATURAL SCIENCE REQUIRED COURSES (10 semester credits)

A minimum of 6 semester credits of NSCI 6900 must be completed by graduation.

NSCI	6110	Graduate Seminar I – 1st semester
NSCI	6110	Graduate Seminar I – 2nd semester
NSCI	6120	Graduate Seminar II – 3rd or 4th semester
NSCI	6900	Masters Research (1-6)
NSCI	7000	Thesis CAPSTONE COURSE (1-3)

ELECTIVE COURSES (15 semester credits)

A maximum of 6 credits of advanced undergraduate courses (4000-level) can be taken as a graduate student. A maximum of 5 additional credits of NSCI 6900 Masters Research can be taken as electives. Elective courses are chosen by each student in consultation with their graduate thesis committee.

Advanced Undergraduate Courses

BIOL	4030	Cell and Molecular Biology
BIOL	4031	Cell and Molecular Biology Laboratory
BIOL	4040	Environmental Microbiology

BIOL	4041	Environmental Microbiology Laboratory
BIOL	4090	Biometry
CHEM	4020	Advanced Organic Chemistry
CHEM	4030	General Biochemistry I
CHEM	4031	General Biochemistry I Laboratory
CHEM	4032	General Biochemistry II
CHEM	4033	General Biochemistry II Laboratory
CHEM	4054	Aquatic Chemistry
ENVS	4000	Methods of Environmental Science
ENVS	4001	Methods of Environmental Science Laboratory
ENVS	4050	Remote Sensing
GEOG	4700	Geographic Information Systems
MARS	4031	Marine Mammal Physiology Laboratory
MARS	4051	Marine Ecology Laboratory

Graduate Courses

BIOL	6090	Advanced Biometry
BIOL	6120	Ichthyology
BIOL	6170	Larval Biology
CHEM	6310	Marine Natural Products
ED	6450	Science Curriculum and Instruction
ED	6451	Science Curriculum and Instruction Field Experience
ENVS	6020	Advanced Photovoltaic Systems Design
ENVS	6920	Special Topics in Environmental Science
GEOL	6010	Containment Hydrology
MARS	6010	Toxicology and Stress Responses in Marine Communities
MARS	6020	Marine Science Field Methods
MARS	6030	Marine Mammal Biology
MARS	6120	Coral Reef Ecology
MARS	6910	Current Topics in Marine Science
MARS	6920	Special Topics in Marine Biology (1-3)
NSCI	6900	Masters Research (1-6)
GLSD	6500	Ecological Economics and Sustainable Development

MASTER OF SCIENCE IN NURSING

PROGRAM OBJECTIVES

Upon completion of the program, the graduate student will be able to:

1. *Demonstrate research knowledge and skills essential for evidence-based practice.*
2. *Evaluate research studies, applying selected findings to nursing practice or education.*
3. *Examine and analyze current health care issues and communicate with health professionals to effect health care changes at institutional, local, regional, and/or national levels.*
4. *Identify, analyze, and assume accountability for ethical dilemmas in practice.*
5. *Demonstrate advanced competence in a specialized area of functional and/or clinical nursing practice in each of the advanced practice roles.*
6. *Demonstrate critical thinking, accountability, and commitment to lifelong learning that characterizes a professional person.*
7. *Implement leadership roles and participate in expanded professional nursing roles that are responsive to health needs of society.*
8. *Utilize theoretical and empirical knowledge as foundational to advanced nursing practice roles.*
9. *Demonstrate competency in serving a culturally and ethnically diverse society.*
10. *Serve as an advocate for clients and families including the enhancement of access to and coordination of health care services.*
11. *Acquire knowledge and skills foundational to doctoral studies.*

Family Nurse Practitioner (FNP)

Students who complete the Master of Science in Nursing with the Family Nurse Practitioner concentration will:

1. *Elicit a comprehensive health history that includes an evaluation of the individual's development, maturation, coping ability, activities of daily living, physiological functioning, and emotional and social well being.*
 2. *Perform complete physical examinations of adults, children, or pregnant women.*
 3. *Order, perform, and interpret pertinent diagnostic tests.*
 4. *Analyze data collected to determine health status.*
 5. *Formulate a problem list.*
 6. *Develop and implement, with the client and family, a plan of care to promote, maintain, and restore health.*
 7. *Evaluate the client's response to health care and provide effectiveness of the care with the individual and his/her family.*
 8. *Modify and interpret the plan and intervention as needed.*
 9. *Collaborate with other health care professionals in meeting individual needs and in providing client advocacy.*
 10. *Refer clients and families to other health care professionals as appropriate.*
 11. *Record all pertinent data about the client including the history and physical examination, problems identified, interventions provided, results of care, and plans for follow-up or referral.*
 12. *Coordinate the services required to meet individual and family needs for health care.*
 13. *Identify and implement strategies to maximize the adult, women's, family, or children's nurse practitioner role.*
-

Clinical Nurse Specialist (CNS)

Students who complete the Master of Science in Nursing with the Clinical Nurse Specialist concentration will:

1. Exhibit knowledge and the ability to apply epidemiology, biometrics, environmental health, community structure and organizations, community development, management, program evaluation, policy development, and case management to health issues.
2. Assess and analyze the health of aggregates and communities.
3. Develop priority lists in collaboration with the community and multidisciplinary groups that include political forces.
4. Identify and develop multiple strategies to reach out to community residents and leaders to affect change.
5. Provide leadership towards reaching goals of the community.
6. Utilize research and theory application relevant to community health practice and policy development.
7. Manage and empower human resources wisely.
8. Develop theory based evaluation methods and utilization of outcome management to promote the health of the community or aggregate.

PREREQUISITES

MATH	1123	Statistics
NUR	4700	Research Proposal Development

CORE COURSES (20 semester credits)

NUR	6000	Advanced Practice Roles in a Diverse Society
NUR	6005	Epidemiology
NUR	6010	Advanced Pathophysiology
NUR	6015	Community/Public Health Policy and Program Planning
NUR	6020	Advanced Nursing Research
NUR	6025	Applied Drug Therapies for the APRN
NUR	6030	Advanced Physical Assessment

CONCENTRATION COURSES (24-27 semester credits)

Choose one of the following concentrations:

Public Health/Community Clinical Nurse Specialist Concentration (26 semester credits)

NUR	6950	Human Resources Management
NUR	6951	Agency Management Practicum
NUR	6952	Analysis of Communities and Vulnerable Populations
NUR	6953	Community Analysis Practicum
NUR	6954	Defined Option Seminar
NUR	6955	Defined Option Practicum
NUR	6966	Advanced Theory: Primary Care of the Geriatric Adult
NUR	7000	Capstone Professional Paper

Family Nurse Practitioner Concentration (27 semester credits)

NUR	6960	Advanced Theory: Primary Care of Children
NUR	6961	Practicum I
NUR	6962	Advanced Theory: Primary Care of Women
NUR	6963	Practicum II
NUR	6964	Advanced Theory: Primary Care of Adults
NUR	6965	Practicum III
NUR	6966	Advanced Theory: Primary Care of Geriatric Adult
NUR	6967	Practicum IV
NUR	7000	Professional Paper
		OR
NUR	7001	Alternate Advanced Practice Option (1-credit) AND
NUR	7002	Alternate Advanced Practice Option (2-credits)

RN-MSN PATH

The RN-MSN path allows registered nurses without baccalaureate degrees in nursing to transition into the MSN program. These students entering the RN-MSN Path will be granted provisional admission status until all prerequisites have been completed. Students who successfully complete the program will receive an MSN degree.

Applicants who have graduated from a nursing program without National League for Nursing Accreditation Commission (NLNAC) or the Commission on Collegiate Nursing Education (CCNE) accreditation will be required to complete the following NLN Nursing Acceleration Challenge Exam (ACE II) tests:

BOOK ONE	Care of the Adult Client
BOOK TWO	Care of the Client During Childbearing and Care of the Child
BOOK THREE	Care of the Client with a Mental Disorder

Arrangements for these tests can be made by contacting the nursing program.

Applicants without a baccalaureate degree in nursing must complete the following upper-division courses:

MATH	1123	Statistics
NUR	2940	Health Promotion and Education
NUR	3900	Leadership and Management in Nursing
NUR	4700	Research Proposal Development
NUR	4960	Developing a Healthy Community
NUR	4961	Developing a Healthy Community (Lab Component for NUR 4960)‘

A 3.0 GPA in these courses is required before acceptance into the master’s program. Equivalent courses may be accepted for transfer credit.

International students who qualify as registered nurses in their country of present practice will be required to take the NLN Ace II examinations to demonstrate their nursing knowledge base. A decision score is utilized.

MASTER OF SOCIAL WORK

PROGRAM GOALS

- Goal 1. To prepare graduates who will demonstrate competence in social work practice at an advanced level with client systems of all sizes.*
- Goal 2. To prepare graduates who will be able to work effectively with diverse populations in multicultural settings.*
- Goal 3. To prepare graduates who understand the social contexts of social work practice at micro, mezzo, and macro levels, including the changing nature of those contexts, and who advocate for social and economic justice.*
- Goal 4. To promote the values and ethics of professional social work in the program and in its graduates' practice.*
- Goal 5. To develop in graduates an appropriate foundation for and valuing of lifelong learning, leadership, and generation of knowledge.*

PREREQUISITES

Bachelor's degree in Social Work from a College or University accredited by the Council on Social Work Education (or international equivalent)

OR

Bachelor's Degree in one of the Liberal Arts, including courses equivalent to the following:

MATH	1123	Statistics, or SOC 3200 Social Statistics
PSY	3400	Lifespan Development Psychology
PSY	3600	Abnormal Psychology
SOC	2100	Fundamentals of Research

OR

Bachelor's Degree in a field other than Liberal Arts, including courses equivalent to the following:

At least 30 credit hours in Liberal Arts subjects

MATH	1123	Statistics
PSY	3600	Abnormal Psychology
SOC	2100	Fundamentals of Research
PSY	3400	Lifespan Development Psychology

TWO YEAR PROGRAM (60 credits)

YEAR ONE

SWRK	6001	Fundraising and Resources Development for Non-Profit Organizations and Agencies
SWRK	6100	Social Work Methods I
SWRK	6102	Social Work Methods II
SWRK	6103	Social Work Methods III
SWRK	6200	Human Behavior in Social Environment I
SWRK	6201	Human Behavior in Social Environment II
SWRK	6300	Social Work Research I
SWRK	6500	Social Welfare Policy I
SWRK	6510	Legal and Ethical Issues in Social Work

SWRK 6900 Graduate Practicum I

YEAR TWO

SWRK 7100 Culture and Diversity in Advanced Generalist Practice

SWRK 7101 Advanced Practice with Diverse Individuals

SWRK 7102 Advanced Practice with Families and Groups

SWRK 7103 Advanced Practice with Diverse Organizations and Communities

SWRK 7300 Social Work Research II

SWRK 7500 Social Welfare Policy II

SWRK 7900 Graduate Practicum III

SWRK 7901 Graduate Practicum IV

CAPSTONE COURSE

SWRK 7350 Professional Paper

ADVANCED STANDING OPTION (30 credits)

Students with adequate preparation in a BSW program accredited by the Council on Social Work Education may not have to repeat subject material at the MSW level. Advanced standing (admission with exemption from up to one year of the MSW curriculum) will be granted to students who provide evidence of satisfactory scholastic performance at the BSW level.

Advanced standing students take the following courses plus the “Year Two” courses listed for the two year program:

SWRK 6050 Graduate Study of Social Work for Advanced Standing Students

SWRK 6510 Legal and Ethical Issues in Social Work (Optional)

**MASTER OF ARTS IN COMMUNICATION
AND
MASTER OF BUSINESS ADMINISTRATION**

PREREQUISITE

Students who did not complete a baccalaureate degree in business within the past five years will be required to enroll in leveling courses before enrolling in graduate MBA courses. Leveling courses may be waived if the student can pass a competency test for each one of the leveling courses.

MGMT 6100 Research Methods & Writing (International Students Only)

CORE COURSES (36 semester credits)

ACCT 6000 Accounting for Managers
ECON 6000 Economics for Business
FIN 6000 Financial Management and Strategy
MGMT 6000 Individuals, Group Dynamics and Strategy
MGMT 6020 The Regulatory and Ethical Environment of Business
MGMT 6050 Management and Technology
MKTG 6000 Marketing Strategy for Managers
MS 6000 Decision Models for Managers
COM 6000 Introduction to Communication Studies
COM 6050 Research Methods and Materials
COM 6300 Corporate Communication
COM 6310 International Communication

COLLEGE OF BUSINESS REQUIRED COURSES (3 semester credits)

MGMT 6910 MBA Seminar I - Managerial Communications
MGMT 6920 MBA Seminar II - An Integrated Approach to Global Trade
MGMT 6930 MBA Seminar III - Leadership Seminar

CONCENTRATION COURSES (21 Semester Credits):

12 semester credits of corporate communication concentration courses, and 9 semester credits of business concentration courses are required.

COMMUNICATION CONCENTRATION COURSES

COM 6010 Strategic Communication
COM 6100 Integrated Communication
COM 6200 Organizational Communication
COM 6400 Writing for the Professional

BUSINESS CONCENTRATION COURSES

MKTG 6100 Global Consumer
MKTG 6110 Market Research
MKTG 6420 International Marketing
MKTG 6500 Integrated Marketing
MKTG 6700 Electronic Marketing

CAPSTONE COURSES (6 Semester Credits):

MGMT 7001 Management, Policy, and Strategic Formulation

**MASTER OF ARTS IN ORGANIZATIONAL CHANGE
AND
MASTER OF ARTS IN COMMUNICATION**

PREREQUISITES

Certain prerequisites may be required before enrolling in graduate MAOC or MACOM courses, depending on academic preparation and experience. Your graduate advisor will be able to provide direction and detail.

MGMT 6100 Research Methods and Writing

COMMON CORE COURSES (6 semester credits):

OC 6005 Scope and Methods in Research

IS 6010 Applied Research Methods

or

COM 6050 Research Methods and Materials

COM 6060 Qualitative Research Methods in Communication

or

COM 6050 Research Methods and Materials

COM 6060 Quantitative Research Methods in Communication

MAOC COURSES (27 semester credits):

OC 6440 Organizational Change and Development

OC 6442 Cultural and Human Organizations

OC 6443 Change Leadership Models and Methods

OC 6444 Innovations and Creativity

OC 6446 Consulting Theory and Practice

OC 6447 Consulting and Group Process Facilitation

OC 6448 Assessing Culture

OC 6449 Applications of Cultural Competence

And one of the following:

OC 6441 National and Community Change and Development

OC 6445 Organizational Behavior

MACOM COURSES (27 semester credits)

COM 6000 Introduction to Communication Studies

COM 6010 Advertising Strategy

COM 6100 Integrated Communication

COM 6200 Organizational Communication

COM 6300 Corporate Communication

COM 6305 Crisis Communication

COM 6400 Writing for the Professional

And two of the following:

COM 6310 International Communication

COM 6460 Design and Layout

COM 6510 Web Design

CAPSTONE COURSES (6 semester credits)

OC 7100 Professional Paper I
OC 7200 Professional Paper II

or

COM 7150 Thesis I
COM 7250 Thesis II

or

COM 7290 Graduate Project
COM 7300 Communication Seminar and Comprehensive Exam

MASTER OF BUSINESS ADMINISTRATION AND MASTER OF ARTS IN GLOBAL LEADERSHIP AND SUSTAINABLE DEVELOPMENT

The joint MBA/MA is designed to integrate the business emphasis from the MBA program with the elements of the MA/GLSD program to broaden the overall educational and professional focus of today's professional. Students who did not complete a baccalaureate degree in business within the past five years will be required to enroll in leveling courses before enrolling in graduate MBA courses. Leveling courses may be waived if the student can pass a competency test for each one of the leveling courses. Students must also have completed the required undergraduate prerequisites as specified for MA/GLSD program. The program requires completion of 66 semester hours of graduate-level course work designed to allow students to focus on specific business administration interests and to study leadership and sustainable development. This joint program is divided into 39 semester hours of core and required MBA and MA courses; 21 semester hours of MBA and MA electives; and 6 semester hours of capstone courses.

PREREQUISITE

Students who did not complete a baccalaureate degree in business within the past five years will be required to enroll in leveling courses before enrolling in graduate MBA courses. Leveling courses may be waived if the student can pass a competency test for each one of the leveling courses.

MGMT 6100 Research Methods & Writing (International Students Only)

CORE COURSES (36 semester credits)

ACCT	6000	Accounting for Managers
ECON	6000	Economic Analysis and Forecasting
FIN	6000	Financial Management and Strategy
MGMT	6000	Individuals, Group Dynamics and Teams
MGMT	6020	The Regulatory and Ethical Environment of Business
MGMT	6050	Information Systems Management
MS	6000	Decision Models for Managers
MKTG	6000	Marketing Strategy for Managers
GLSD	6000	Sustainable Human Systems
GLSD	6330	Comparative Management Systems
OC	6440	Organizational Change and Development
OC	6445	Organizational Behavior

MBA REQUIRED COURSES (3 semester credits)

MGMT	6910	MBA Seminar I – Managerial Communications
MGMT	6920	MBA Seminar II – An Integrated Approach to Global Trade
MGMT	6930	MBA Seminar III - Leadership

MA CONCENTRATION COURSES (12 semester credits)

GLSD	6001	Power and Social Systems
GLSD	6340	Environmental History of the Modern World
GLSD	6350	Global Markets in Transition
OC	6443	Change Leadership Models and Methods

MBA CONCENTRATION COURSES (9 semester credits)

Three courses (9 credit hours) from the concentration courses of the MBA degree program.

CAPSTONE COURSES (6 semester credits)

MGMT 7001 Strategic Management I

MGMT 7002 Strategic Management II; *the project must include elements of both Business Administration and Global Leadership and Sustainable Development.*

**MASTER OF BUSINESS ADMINISTRATION
AND
MASTER OF ARTS IN HUMAN RESOURCE MANAGEMENT**

Students who did not complete a baccalaureate degree in business within the past five years will be required to enroll in leveling courses before enrolling in graduate MBA courses. Leveling courses may be waived if the student can pass a competency test for each one of the leveling courses. Students must also have completed the required undergraduate prerequisites as specified for MA/HRM program. The program requires completion of 66 semester hours of graduate-level course work designed to allow students to focus on specific business administration interests and to study and practice human relations and personnel management. This joint program is divided into 39 semester hours of core and required MBA and MA courses; 21 semester hours of MBA and MA electives; and 6 semester hours of capstone courses.

PREREQUISITE

Students who did not complete a baccalaureate degree in business within the past five years will be required to enroll in leveling courses before enrolling in graduate MBA courses. Leveling courses may be waived if the student can pass a competency test for each one of the leveling courses.

MGMT 6100 Research Methods & Writing (International Students Only)

CORE COURSES (39 semester credits)

ACCT 6000 Accounting for Managers
ECON 6000 Economic Analysis and Forecasting
FIN 6000 Financial Management and Strategy
GLSD 6000 Sustainable Human Systems
GLSD 6330 Comparative Management Systems
HR 6400 Human Resource Management
IS 6100 Information Systems Management
MGMT 6000 Individuals, Group Dynamics and Teams
MGMT 6020 The Regulatory and Ethical Environment of Business
MS 6000 Decision Models for Managers
MKTG 6000 Marketing Strategy for Managers
OC 6440 Organizational Change and Development
OC 6445 Organizational Behavior

MBA REQUIRED COURSES (3 semester credits)

MGMT 6910 MBA Seminar I – Managerial Communications
MGMT 6920 MBA Seminar II – An Integrated Approach to Global Trade
MGMT 6930 MBA Seminar III - Leadership

MA CONCENTRATION COURSES (12 semester credits)

HR 6420 Compensation Management
HR 6450 Safety and Health Management
HR 6460 Human Resource Development
HR 7021 Prof Certification Sem in HRM

MBA CONCENTRATION COURSES (9 semester credits)

Three courses (9 credit hours) from the concentration courses of the MBA degree program.

CAPSTONE COURSES (6 semester credits)

MGMT 7001 Strategic Management I

MGMT 7002 Strategic Management II; *the project must include elements of both Business Administration and Human Resource Management.*

MASTER OF BUSINESS ADMINISTRATION AND MASTER OF ARTS IN ORGANIZATIONAL CHANGE

The joint MBA/MA is designed to integrate the business emphasis from the MBA program with the elements of the MA/OC program to broaden the overall educational and professional focus of today's professional. Students who did not complete a baccalaureate degree in business within the past five years will be required to enroll in leveling courses before enrolling in graduate MBA courses. Leveling courses may be waived if the student can pass a competency test for each one of the leveling courses. Students must also have completed the required undergraduate prerequisites as specified for MA/OC program. The program requires completion of 66 semester hours of graduate-level course work designed to allow students to focus on specific business administration interests and to study and practice organizational change. This joint program is divided into 39 semester hours of core and required MBA and MA courses; 21 semester hours of MBA and MA electives; and 6 semester hours of capstone courses.

PREREQUISITES

Students who did not complete a baccalaureate degree in business within the past five years will be required to enroll in leveling courses before enrolling in graduate MBA courses. Leveling courses may be waived if the student can pass a competency test for each one of the leveling courses.

MGMT 6100 Research Methods & Writing (International Students Only)

CORE COURSES (36 semester credits)

ACCT 6000 Accounting for Managers
ECON 6000 Economic Analysis and Forecasting
FIN 6000 Financial Management and Strategy
GLSD 6000 Sustainable Human Systems
GLSD 6330 Comparative Management Systems
IS 6100 Information Systems Management
MGMT 6000 Individuals, Group Dynamics and Teams
MGMT 6020 The Regulatory and Ethical Environment of Business
MS 6000 Decision Models for Managers
MKTG 6000 Marketing Strategy for Managers
OC 6440 Organizational Change and Development
OC 6445 Organizational Behavior

MBA REQUIRED COURSES (3 semester credits)

MGMT 6910 MBA Seminar I – Managerial Communications
MGMT 6920 MBA Seminar II – An Integrated Approach to Global Trade
MGMT 6930 MBA Seminar III – Leadership Seminar

MA CONCENTRATION COURSES (12 semester credits)

OC 6441 National and Community Change and Development
OC 6442 Culture and Intervention Strategies
OC 6443 Change Leadership Models and Methods
OC 6444 Innovations and Creativity

MBA CONCENTRATION COURSES (9 semester credits)

Three courses (9 credit hours) from the concentration courses of the MBA degree program.

CAPSTONE COURSES (6 semester credits)

MGMT 7001 Strategic Management I

MGMT 7002 Strategic Management II; *the project must include elements of both Business Administration and Organizational Change.*

**MASTER OF BUSINESS ADMINISTRATION
AND
MASTER OF SCIENCE IN INFORMATION SYSTEMS**

PREREQUISITES

Students who did not complete a baccalaureate degree in business within the past five years will be required to enroll in leveling courses before enrolling in graduate MBA courses. Leveling courses may be waived if the student can pass a competency test for each one of the leveling courses.

IS	5050	Modern Programming Fundamentals
IS	5060	Software Engineering Tools
IS	5070	Hardware and Data Communication
MGMT	6100	Research Methods & Writing (International Students Only)

CORE COURSES (42 semester credits)

ACCT	6000	Accounting for Managers
ECON	6000	Economic Analysis and Forecasting
FIN	6000	Financial Management and Strategy
IS	6000	Contemporary Issues in the I.S. Profession
IS	6020	Modern Methods in Project Management
IS	6050	Modern Programming Practice
IS	6065	Enterprise Information Management
IS	6100	Information Systems Management
IS	6110	Comparative Software Engineering
IS	6130	Telecommunications
MGMT	6000	Individuals, Group Dynamics and Teams
MGMT	6020	The Regulatory and Ethical Environment of Business
MS	6000	Decision Models for Managers
MKTG	6000	Marketing Strategy for Managers

MBA REQUIRED COURSES (3 semester credits)

MGMT	6910	MBA Seminar I – Managerial Communications
MGMT	6920	MBA Seminar II – An Integrated Approach to Global Trade
MGMT	6930	MBA Seminar III - Leadership

ELECTIVE COURSES (12 semester credits)

Two courses (6 credits) from any 6xxx level from the MBA concentration course listings.
Two courses (6 semester credits) from the 6xxx level IS selections.

CAPSTONE COURSES (9 semester credits)

IS	6700	Technology Strategy
IS	7100	Graduate Thesis/Applied Project Proposal
IS	7200	Graduate Thesis

The student must take the IS 7100/7200 capstone series. However, the thesis must indicate elements of both Business Administration and Information Systems.

**MASTER OF SCIENCE IN INFORMATION SYSTEMS
AND
MASTER OF ARTS IN DIPLOMACY AND MILITARY STUDIES**

MSIS Requirements

CORE REQUIREMENTS: (27 SEMESTER HOURS)

IS	6000	Contemporary Issues in the I.S. Profession
IS	6020	Modern Methods in Project Management
IS	6050	Modern Programming Practice
IS	6065	Enterprise Information Management
IS	6100	Information Systems Management
IS	6110	Comparative Software Engineering
IS	6120	Software Engineering Practicum
IS	6130	Telecommunications
IS	6700	Technology Strategy

ELECTIVE REQUIREMENTS: (3 SEMESTER HOURS)

The following courses represent a sampling of electives:

IS	6230	Knowledge Management Systems
IS	6250	Global Information Systems
IS	6270	Management of Information Resources
IS	6310	Advanced Topics in Hardware/Systems Theory
IS	6320	Advanced Topics in Software Systems
IS	6330	Advanced Issues in Connectivity
IS	6370	Advanced Applications Development

MA/DMS Requirements

CORE REQUIREMENTS: (12 SEMESTER HOURS)

HIST	6600	Seminar: Military Historiography
HIST	6601	Seminar: Theory and Practice of Diplomacy from Antiquity to the Present
PHIL	6600	Seminar: Professional Ethics and the Military

And one of the following courses:

HUM	6601	Seminar: The Military and a Civil Society
PSCI	6601	Seminar: Diplomacy and International Relations

MILITARY AND DIPLOMATIC HISTORY COURSES: (9 SEMESTER HOURS)

Choose three of the following courses in history (including at least one course each in diplomatic and military history):

HIST	6611	Seminar: War in the Ancient World
HIST	6622	Seminar: The Military Revolution
HIST	6624	Seminar: Revolutionary & Napoleonic Warfare
HIST	6627	Seminar: The First World War
HIST	6628	Seminar: The Second World War
HIST	6631	Seminar: Ways of War in China
HIST	6632	Seminar: Ways of War in Japan
HIST	6641	Seminar: The American Way of War
HIST	6643	Seminar: The American Revolution
HIST	6645	Seminar: The American Civil War

HIST	6648	Seminar: 20th Century U.S. Military History
HIST	6658	Seminar: 20th Century Naval Warfare
HIST	6661	Seminar: European Diplomatic History
HIST	6662	Seminar: U.S. Diplomatic History
HIST	6663	Seminar: East Asian Diplomatic History
HIST	6670	Seminar: History of Genocide
HIST	6686	Seminar: War and Society in Wilhelmine Germany, 1871-1918
HIST	6997	Seminar: Directed Reading in History
HIST	6998	Seminar: Special Topics in Diplomatic History
HIST	6999	Seminar: Special Topics in Military History

SUPPORTING FIELDS REQUIREMENTS: (9 SEMESTER HOURS)

Choose three courses from at least two of the following supporting fields:

Anthropology

ANTH 6601 Seminar: Violence, Conflict, and War

Art History

ARTH 6601 Seminar: Artists and Images of War

Literature

LIT 6701 Seminar: Literature & the Experience of War

Philosophy

PHIL 6611 Seminar: Political Philosophy

Political Science

PSCI 6151 Seminar: International Organization

PSCI 6451 Seminar: The Military in Latin American Politics

PSCI 6605 Seminar: Islam and Politics

PSCI 6610 Seminar: Politics of Developing Nations

PSCI 6620 Seminar: Peacebuilding and Conflict Management

PSCI 6630 Seminar: National and International Security

PSCI 6660 Seminar: Resistance and Rebellion

PSCI 6661 Seminar: Politics of Terrorism

PSCI 6670 Seminar: Democratization and Human Rights

PSCI 6671 Seminar: Transitions to Democracy

PSCI 6680 Seminar: International Negotiating

PSCI 6997 Seminar: Special Topics in International Relations

International Studies

INTR 6300 Seminar: International and Domestic Emergency Management

INTR 6997 Seminar: Special Topics in International Studies

Strategic and Security Studies

STSS 6600 Seminar: 20th Century Intelligence Studies

CAPSTONE COURSES: (6 SEMESTER HOURS)

Choose either the HIST or IS Capstone sequence – subject matter will be pertinent to both fields of study

HIST 7601 Research and Writing in Military Studies

HIST 7602 Integrative Seminar in Military Studies

OR

IS 7100 Graduate Thesis/Applied Project Proposal

IS 7200 Graduate Thesis

MASTER OF SCIENCE IN INFORMATION SYSTEMS AND MASTER OF ARTS IN GLOBAL LEADERSHIP AND SUSTAINABLE DEVELOPMENT

The joint MSIS/MA is designed to integrate the desire to understand and control information, technology, systems design, and problem solving with automated resources with the elements of the MA/GLSD program to broaden the overall focus of today's professional. The program requires completion of 66 semester hours of graduate-level course work designed to allow students to focus on specific information systems interests and to study and practice human resource management. This joint program is divided into 51 semester hours of core MSIS/MA courses, 3 semester hours of MA electives, 3 semester hours of MSIS electives, and 12 semester hours of capstone courses. To be fully prepared for this program, students must have completed the required prerequisites as specified for each graduate program.

PREREQUISITES

CSCI	3201	Information Management Using Spreadsheets and Databases
IS	5050	Modern Programming Fundamentals
IS	5060	Software Engineering Tools
IS	5070	Hardware and Data Communication
MATH	1123	Statistics
MGMT	6100	Research Methods and Writing (International Students Only)

CORE COURSES (51 semester credits)

IS	6000	Contemporary Issues in the I.S. Profession
IS	6010	Applied Research Methods
IS	6020	Modern Methods in Project Management
IS	6050	Modern Programming Practice
IS	6065	Enterprise Information Management
IS	6100	Information Systems Management
IS	6110	Comparative Software Engineering
IS	6130	Telecommunications
IS	6700	Technology Strategy
MGMT	6300	International Business Management
GLSD	6000	Sustainable Human Systems
GLSD	6001	Power and Social Systems
GLSD	6330	Comparative Management Systems
GLSD	6340	Env Hist of the Modern World
GLSD	6350	Global Markets in Transition
OC	6440	Organizational Change and Development
OC	6443	Change Leadership Models and Methods

MA CONCENTRATION COURSES (3 semester credits)

One course (3 sem hrs) from the concentration courses of the MA/GLSD degree program.

MSIS CONCENTRATION COURSES (3 semester credits)

One course (3 sem hrs) from the concentration courses of the MSIS degree program.

CAPSTONE COURSES (9 semester credits)

IS	6120	Software Engineering Practicum
IS	7100	Graduate Thesis/Applied Project Proposal
IS	7200	Graduate Thesis

MASTER OF SCIENCE IN INFORMATION SYSTEMS AND MASTER OF ARTS IN HUMAN RESOURCE MANAGEMENT

The joint MSIS/MA is designed to integrate the desire to understand and control information, technology, systems design, and problem solving with automated resources with the elements of the MA/HRM program to broaden the overall focus of today's professional.

The program requires completion of 66 semester hours of graduate-level course work designed to allow students to focus on specific information systems interests and to study and practice human resource management. This joint program is divided into 51 semester hours of core MSIS/MA courses, 3 semester hours of MSIS electives, and 12 semester hours of capstone courses.

To be fully prepared for this program, students must have completed the required prerequisites as specified for each graduate program.

PREREQUISITES

CSCI	3201	Information Management Using Spreadsheets and Databases
IS	5050	Modern Programming Fundamentals
IS	5060	Software Engineering Tools
IS	5070	Hardware and Data Communication
MATH	1123	Statistics
MGMT	6100	Research Methods and Writing (International Students Only)

CORE COURSES (51 semester credits)

GLSD	6000	Sustainable Human Systems
HR	6120	Employment Law
HR	6400	Human Resource Management
HR	6420	Compensation Management
HR	6450	Safety and Health Management
HR	6460	Human Resource Development
HR	7021	Prof Certification Sem in HRM
IS	6000	Contemporary Issues in the I.S. Profession
IS	6010	Applied Research Methods
IS	6020	Modern Methods in Project Management
IS	6050	Modern Programming Practice
IS	6065	Enterprise Information Management
IS	6100	Information Systems Management
IS	6110	Comparative Software Engineering
IS	6130	Telecommunications
OC	6440	Organizational Change and Development
OC	6445	Organizational Behavior

MSIS CONCENTRATION COURSES (3 semester credits)

One course (3 semester hours) from the concentration courses of the MSIS degree program.

CAPSTONE COURSES (12 semester credits)

IS	6120	Software Engineering Practicum
IS	6700	Technology Strategy
IS	7100	Graduate Thesis/Applied Project Proposal
IS	7200	Graduate Thesis

MASTER OF SCIENCE IN INFORMATION SYSTEMS AND MASTER OF ARTS IN ORGANIZATIONAL CHANGE

The joint MSIS/MA is designed to integrate the desire to understand and control information, technology, systems design, and problem solving with automated resources with the elements of the MA/OC program to broaden the overall focus of today's professional.

The program requires completion of 66 semester hours of graduate-level course work designed to allow students to focus on specific information systems interests and to study and practice human resource management. This joint program is divided into 51 semester hours of core MSIS/MA courses, 3 semester hours of MSIS electives, and 12 semester hours of capstone courses.

To be fully prepared for this program, students must have completed the required prerequisites as specified for each graduate program.

PREREQUISITES

CSCI	3201	Information Management Using Spreadsheets and Databases
IS	5050	Modern Programming Fundamentals
IS	5060	Software Engineering Tools
IS	5070	Hardware and Data Communication
MATH	1123	Statistics
MGMT	6100	Research Methods and Writing (International Students Only)

CORE COURSES (51 semester credits)

GLSD	6000	Sustainable Human Systems
GLSD	6001	Power and Social Systems
IS	6000	Contemporary Issues in the I.S. Profession
IS	6010	Applied Research Methods
IS	6020	Modern Methods in Project Management
IS	6050	Modern Programming Practice
IS	6065	Enterprise Information Management
IS	6100	Information Systems Management
IS	6110	Comparative Software Engineering
IS	6130	Telecommunications
IS	6230	Knowledge Management
OC	6440	Organizational Change and Development
OC	6441	National and Community Change and Development
OC	6442	Culture and Human Organizations
OC	6443	Change Leadership Models and Methods
OC	6444	Innovations and Creativity
OC	6445	Organizational Behavior

MSIS CONCENTRATION COURSES (3 semester credits)

One course (3 semester hours) from the concentration courses of the MSIS degree program.

CAPSTONE COURSES (12 semester credits)

IS	6120	Software Engineering Practicum
IS	6070	Technology Strategy
IS	7100	Graduate Thesis/Applied Project Proposal
IS	7200	Graduate Thesis

MASTER OF SCIENCE IN NURSING AND MASTER OF BUSINESS ADMINISTRATION

Hawai'i Pacific University offers the joint Master of Science in Nursing and the Master of Business Administration to help meet those demands, and to complement a nurse's clinical skills with a solid business foundation. The joint program focuses on skills needed by both health care and business leaders: analytical reasoning, leadership, and effective communications.

PREREQUISITES

Students who did not complete a baccalaureate degree in business within the past five years will be required to enroll in leveling courses before enrolling in graduate MBA courses. Leveling courses may be waived if the student can pass a competency test for each one of the leveling courses.

MGMT 6100 Research Methods & Writing (International Students Only)
NUR 4700 Research Proposal Development

CORE COURSES (38 semester credits)

ACCT 6000 Accounting for Managers
ECON 6000 Economics for Business
FIN 6000 Financial Management and Strategy
MGMT 6000 Individuals, Group Dynamics and Teams
MGMT 6020 The Regulatory and Ethical Environment of Business
MGMT 6050 Information Systems Management
MS 6000 Decision Models for Managers
MKTG 6000 Marketing Strategy for Managers
NUR 6000 Advanced Practice Roles in a Diverse Society
NUR 6005 Epidemiology
NUR 6010 Advanced Pathophysiology
NUR 6025 Applied Drug Therapies for the APRN
NUR 6030 Advanced Physical Assessment

MBA REQUIRED COURSES (3 semester credits)

MGMT 6910 MBA Seminar I – Managerial Communications
MGMT 6920 MBA Seminar II – An Integrated Approach to Global Trade
MGMT 6930 MBA Seminar III – Leadership

CONCENTRATION COURSES (21-24 semester credits)

Choose one of the following concentrations:

Public Health/Community Clinical Nurse Specialist Concentration (21 semester credits)

NUR 6950 Human Resources Management
NUR 6951 Agency Management Practicum
NUR 6952 Analysis of Communities and Vulnerable Populations
NUR 6953 Community Analysis Practicum
NUR 6954 Defined Option Seminar
NUR 6955 Defined Option Practicum
NUR 6966 Advanced Theory: Primary Care of the Geriatric Adult

Family Nurse Practitioner Concentration (24 semester credits)

NUR	6960	Advanced Theory: Primary Care of Children
NUR	6961	Practicum I
NUR	6962	Advanced Theory: Primary Care of Women
NUR	6963	Practicum II
NUR	6964	Advanced Theory: Primary Care of Adults
NUR	6965	Practicum III
NUR	6966	Advanced Theory: Primary Care of the Geriatric Adult

CAPSTONE COURSES (6 semester credits)

MGMT	7001	Strategic Mangement I
MGMT	7002	Strategic Management II

GRADUATE ONLINE PROGRAMS

Hawai'i Pacific University offers two graduate programs completely online: **Masters in Business Administration and Masters in Organization Change**. These programs are offered in 10 week terms. The Application Procedures and Admissions Requirements are the same as the semester long programs. Please refer to Admissions in the Graduate Studies section of the catalog or go to the Graduate Admissions web site at www.hpu.edu/grad for further information.

Many other graduate programs incorporate online classes into their curriculum to provide more flexibility to meet the needs of students. Programs, such as the Master's in Information Systems and Master's in Human Development, offer a significant portion of their curriculum online. Please refer to the program of interest for further information.

GRADUATE CERTIFICATES

Hawai'i Pacific University offers several graduate certificate programs that new or continuing HPU students may earn. Application and registration information is listed below followed by specific requirements for each program.

Admission Requirements

Students who have earned a baccalaureate degree (or the equivalent to a U.S. college or university degree for international students) with a GPA of 2.7 or higher are encouraged to apply for admission.

Application Procedures

Applicants are required to:

1. Complete the appropriate sections of the graduate application form.
2. Submit application fee of \$50 (U.S. dollars).
3. Send official certified transcripts from all colleges and universities previously attended.

Applications should be sent to:

Graduate Admissions Office
1164 Bishop St., Suite 911
Honolulu, HI 96813

Continuing HPU graduate students should consult with the Center for Graduate and Adult Services or a Graduate Advisor for registration details.

Course PreRequisites

Students enrolled in a graduate certificate program must comply with applicable course prerequisites.

Completion Requirements

Certificate candidates must complete all program requirements with at least a cumulative 3.0 G.P.A. to be awarded a graduate certificate.

Professional Certificate in Consulting

This Professional Certificate in Consulting is offered for MA/OC students and students from other appropriate graduate degree programs. In particular, students in the MSIS, MAHRM, MAGLSD, MBA, and MACOM Programs may also have interest.

Certificate candidates must complete the following courses:

OC	6440	Organizational Change and Development
OC	6445	Organizational Behavior
OC	6446	Organizational Consulting Theory and Practice
OC	6447	Consulting and Group Process Facilitation

Professional Certificate in Culturally Adaptive Organizational Leadership

This professional certificate program focuses on the emerging theory, applications and practice related to culturally adaptive organizational leadership. Dealing with the influence of culturally adaptive organizational leadership in education, training, assessment, and institutional practices is a challenge faced by almost all professionals around the world. This certificate can be valuable for corporate, community, government, military, and social and human services leaders. Students have the opportunity to learn an important field of knowledge and develop culturally adaptive organizational leadership in a framework for creating and implementing successful organizational change. Students can complete the certificate by attending classes on HPU's campus in Honolulu, through on-line distance learning, or with a combination of the two.

Certificate candidates must complete the following courses:

OC	6440	Organizational Change and Development
OC	6442	Culture and Human Organizations
OC	6448	Assessing Culture
OC	6449	Applications of Cultural Competence

Professional Certificate in Decision Science

To increase efficiency and effectiveness many organizations rely upon decision making support built into their data and information systems. This professional graduate certificate in Decision Science provides students with the background and experience necessary to create automated information systems including coursework in research, decision support, artificial intelligence, data warehousing, and human-computer interaction topics. The program will appeal to working professionals and others who do not have the time or desire to enter the full degree program but who are interested in gaining additional knowledge in information systems and decision sciences.

Certificate candidates must complete the following courses:

IS	6010	Applied Research Methods
IS	6241	Decision Support and Expert Systems

And two of the following courses:

IS	6280	Business Intelligence
IS	6360	Data Warehousing and Data Mining
IS	6600	Human-Machine Interface: Usability Issues

Professional Certificate in Electronic Commerce

The Professional Certificate in E-Commerce Program is designed to develop expertise in the

creation, operation, and management of online commercial ventures. The required courses will expose students to the knowledge and skills associated with success in electronic commerce. The program is appropriate for a variety of students, including current MSIS and MBA degree-seeking students, and others with a baccalaureate degree in any field who possess an interest in becoming proficient in electronic commerce.

Certificate candidates must complete the following courses:

IS	6050	Modern Programming Practice
IS	6100	Information Systems Management
IS	6200	Electronic Commerce

Certificate candidates must also complete ONE of the following:

ECON	6700	Economics of Electronic Commerce
MKTG	6700	Electronic Marketing

Professional Certificate in Elementary Education

The HPU School of Education provides a post-baccalaureate program that prepares candidates for licensing in Hawaii and 46 other states in Elementary Education. With further study, this program also provides candidates with the option to pursue a M.Ed. degree in Elementary Education.

Guided by a profound belief in active, collaborative, experiential, reflective, and transformative learning as well as a deep commitment to diversity and educational technology, this degree program is based on an innovative, inquiry-oriented, standards-driven, and field-based curriculum that integrates content and pedagogy and employs an electronic portfolio assessment system to evaluate the teacher candidate's progress toward achieving professional standards and proficiencies. In addition, HPU provides teacher candidates with cutting edge, course web page technology tools and access to online periodical databases in education.

University faculty, mentor teachers, and principals join in a unique partnership to deliver an innovative curriculum that has been designed to develop professional educators who are reflective practitioners dedicated to the scholarship of teaching and learning and school renewal.

Teacher candidates must first take the following core seminar and field experience courses:

ED	6000	The Professional Educator
ED	6200	The Scholarly
ED	6300	The Reflective Practitioner
ED	6310	Culturally Responsive Education in Hawaii
ED	6401	Elementary Curriculum, Instruction, and Assessment I
ED	6402	Elementary Curriculum, Instruction, and Assessment II
ED	6501	Elementary Education Field Experience I
ED	6502	Elementary Education Field Experience II
PSY	6450	Child and Adolescent Development for Educators

Next, teacher candidates must take the following capstone courses before being recommended for licensure:

ED	6500	Teachign Internship
ED	6510	Teachign Internship Seminar

Professional Certificate in Environmental Policy

Certificate candidates must complete the following courses:

GLSD	6000	Sustainable Human Systems
ENVS	6150	Environment, Power and Society
GLSD	6500	Ecological Economics and Sustainable Development
ENVS	6920	Special Topics in Environmental Science

Post Master's Family Nurse Practitioner Certificate

This certificate allows nurses with a master's degree in nursing from any schools accredited by one of the nursing organizations to retool into a family nurse practitioner without completing another masters degree.

Applicants for this certificate program must meet the HPU graduate nursing admissions guidelines and apply in the same manner.

Prerequisites

Graduate level Advanced Pathophysiology and Pharmacology or their equivalent within the past five years. Applicants may be admitted without these prerequisites, but will be required to complete them prior to beginning practicum studies.

Certificate candidates must complete the following courses:

NUR	6960	Advanced Theory: Primary Care of Children
NUR	6961	Practicum I
NUR	6962	Advanced Theory: Primary Care of Women
NUR	6963	Practicum II
NUR	6964	Advanced Theory: Primary Care of Adults
NUR	6965	Practicum III
NUR	6966	Advanced Theory: Primary Care of the Geriatric Adult
NUR	6967	Practicum IV

A master's prepared nurse professionally certified in one of the three practicum components (adult, pediatrics, or women's health) of the family nurse practitioner program would receive credit for previous completion of the equivalent course and practicum.

Professional Certificate in Global Leadership and Sustainable Development

The Certificate in Global Leadership prepares students for leadership positions across a wide array of organizational and institutional types, including international organizations, transnational corporations, international nongovernmental organizations, and other organizations with a global focus. The certificate emphasizes the import of systemic thinking and critical analysis for understanding the complexity of globalization as a unified whole. The complexity of globalization is examined for multiple perspectives, including its economic, social, cultural, technological, and environmental aspects.

Certificate candidates must complete the following courses:

GLSD	6000	Sustainable Human Systems
GLSD	6001	Power and Social Systems or ENVS 6150 Environment, Power and Society
GLSD	6350	Global Markets in Transition
GLSD	6500	Ecological Economics and Sustainable Development

Certificate in Healthcare Management

This certificate program acknowledges the importance of the growing healthcare industry and allows HPU Graduate and MBA students as well as healthcare professionals to address the unique and critical management issues in the field. Four core business courses are supported by two additional courses, an internship and a leadership seminar allowing students to discuss and synthesize the information obtained during the certificate program.

Certificate candidates must complete the following courses:

FIN	6445	Financial Management in Healthcare
MGMT	6000	Individuals, Group Dynamics and Teams
MGMT	6445	Management for Healthcare Professionals
MGMT	6930	Leadership Seminar (1) concurrent with
HS	6990	Internship in Health Sciences (2)
MKTG	6445	Healthcare Marketing

Professional Certificate in Human Resource Management

The Certificate in Human Resource Management was designed for HR professionals who would like to update their skills or prepare for promotion or relocation into another functional area of HR. The certificate program caters to those whose professional or personal responsibilities preclude completion of the MAHRM program, as well as graduate students who seek specialized coursework and credentialing in human resource management.

Certificate candidates must complete the following courses:

PSHR	6400	Human Resource Management
PSHR	6420	Compensation Management
PSHR	6450	Safety and Health Management
PSHR	6460	Human Resource Development

Professional Certificate in Information Systems

The Professional Certificate in Information Systems program is designed to provide knowledge, tools and techniques for those who are working in, or plan to work in, the field of information systems and information technology. It is appropriate for students who cannot complete all the requirements for a master's degree in Information Systems, but who want a concentrated study in information systems and technology.

To obtain the certificate, a student needs to complete any four IS 6000-level courses.

Graduate Certificate Program in International Disaster and Emergency Management

The Graduate Certificate Program in International Disaster and Emergency Management offers professional education for graduate students planning careers in government or non-governmental organizations (NGOs) and for practitioners in the field seeking to broaden their knowledge and skills. It provides the tools to manage disasters and address difficult public policy issues facing public and private sector officials, with a regional focus on Asia and the Pacific region.

Course descriptions were not available for some of these courses when the catalog was published. Please consult the HPU web site for updated information.

Certificate candidates must complete the following courses:

INTR	6300	International and Domestic Emergency Management
INTR	6950	Capstone/Internship Project

And two of the following core courses:

INTR	6320	Complex Emergencies
INTR	6340	Disaster Command, Control, Communications, and Coordination
GEOG	6300	Geography and Geology of National Disasters

And one of the following elective courses:

GEOG	4700	Geographic Information Systems
PSCI	6151	International Organization
PSCI	6330	National Security and Policy Making
PSCI	6610	Seminar: Politics of Developing Nations
PSCI	6620	Peacebuilding and Conflict Management

Graduate Certificate in International Management

The Graduate Certificate in International Management program prepares students for employment in the international/global environment as more companies of all sizes do business around the globe and in the Pacific region.

Certificate candidates must complete the following courses:

MGMT	6300	International Business Management
GLSD	6330	Comparative Management Systems

Choose two of the following courses:

ECON	6400	International Trade
ECON	6450	The World Economy
FIN	6100	International Finance
IS	6100	Information Systems Management
MKTG	6420	International Marketing
PSHR	6320	HRM: A Global Perspective

Graduate Certificate in Insurance

The Graduate Certificate in Insurance program provides awareness of contemporary issues affecting the industry, clients, and regulators. The program provides professional knowledge and the opportunity to examine proposed solutions to issues by using tools and products available through insurance companies. Participants learn analysis tools, become aware of best practices, accumulate knowledge, and are able to immediately apply these to resolving current issues.

Course descriptions and permanent course numbers were not available for some of these courses when the catalog was published. Please consult the HPU web site for updated information.

Required Courses (12 credits)

INS	6801	Insurance, Risk Management, and Professionalism
INS	6802	Property and Casualty
INS	6803	Financial Services
INS	6804	Insurance Quantitative Methods

Professional Certificate in Knowledge Management

The Professional Certificate in Knowledge Management reflects a synthesis of key ideas from the fields of informational systems and organizational change, with a focus on knowledge management. It is suitable for those who cannot complete all of the requirements for a master's degree in Information Systems, but have an interest in organizational theory, systems architecture, human resource management, informatics, or library science.

Certificate candidates must complete the following courses:

IS	6230	Knowledge Management
IS	6260	Network Analysis
IS	6700	Technology Strategy

And one of the following courses:

IS	6220	Advanced Project Management
IS	6250	Global Information Systems
OC	6440	Org Change and Development
OC	6442	Culture and Human Organizations

Certificate in Mediation and Conflict

The Certificate Program in Mediation and Conflict at Hawaii Pacific University provides post-baccalaureate training for professionals, students, and individuals who seek a better understanding of the nature of conflict and appropriate and effective methods to settle disputes in business, professional, personal, and social settings. Graduates will also be able to employ the communication skills necessary for a mediation practice.

Students will complete 12 units of graduate level coursework as specified below. The program is designed to be completed in as little as one summer.

COM	6600	Mediation and Conflict
COM	6610	Persuasion and Negotiation
COM	6620	Communication Strategies for Professionals, or COM 6670 Communication and Legal Practices
COM	6630	Mediation Practice

**Professional Certificate in National and Community Change and Development
(available on campus or on-line)**

This professional certificate program focuses on large-scale change and development at the national and community level. Constant technological, economic, political, and social change have become the norm, and dealing with the rapid pace of change is a challenge faced by almost all professionals around the world. This certificate can be valuable for corporate, community, government, military, and social and human services leaders. Students have the opportunity to study an important field of knowledge and develop valuable skills for creating and implementing successful change. Students can complete the certificate by attending classes on HPU's campus in Honolulu, through on-line distance learning, or with a combination of the two.

CORE COURSES

OC	6441	National and Community Change and Development
OC	6443	Change Leadership Models and Methods

ELECTIVE COURSES

Choose two of the following courses:

IS	6020	Project Management
IS	6230	Knowledge Management
GLSD	6000	Sustainable Human Systems
GLSD	6001	Power and Social Systems
GLSD	6340	Environmental History of the Modern World
OC	6440	Organizational Change and Development
OC	6445	Organizational Behavior

Graduate Certificate in National Security and Strategic Studies

The Graduate Certificate in National Security & Strategic Studies offers professional education for graduate students interested in studying the intersections between force & statecraft as well as national security and strategic decision-making in both domestic U.S. and international contexts. It affords opportunities for regional specialization as well as thematic concentrations in diplomacy, intelligence studies, insurgency/counterinsurgency, conflict resolution, & regional security.

The graduate certificate program consists of: a core curriculum of two courses and three electives.

Certificate candidates must complete two of the following core courses (6 credits):

HIST	6601	Seminar: Theory & Practice of Diplomacy
PSCI	6601	Seminar: Diplomacy & International Relations
PSCI	6630	Seminar: National & International Security

And any three courses from at least two different alphas from the following elective courses (9 credits):

HIST	6661	Seminar: European Diplomatic History
HIST	6662	Seminar: US Diplomatic History
HIST	6663	Seminar: East Asian Diplomatic History
HIST	6664	Seminar: Middle Eastern Diplomatic History
HIST	6665	Seminar: International History of the Cold War
HIST	6670	Seminar: History of Genocide
HIST	6998	Seminar: Special Topics in Diplomatic History
INTR	6997	Seminar: Special Topics in International Studies
PSCI	6400	Seminar: Chinese Foreign Policy
PSCI	6601	Seminar: Diplomacy & International Relations
PSCI	6605	Seminar: Islam & Politics
PSCI	6620	Seminar: Peacebuilding & Conflict Management
PSCI	6630	Seminar: National and International Security
PSCI	6650	Seminar: Foreign Intelligence
PSCI	6660	Seminar: Resistance & Rebellion
PSCI	6661	Seminar: Politics of Terrorism
PSCI	6680	Seminar: International Negotiating
PSCI	6997	Seminar: Special Topics in International Relations
STSS	6301	Seminar: China's National Security and Modern Military Doctrine
STSS	6600	Seminar: 20th Century Intelligence Operations
STSS	6666	Seminar: Theory & Practice of Counterinsurgency

Nurse Educator Certificate Program

This certificate program provides a strong theoretical foundation and practical application skills in educational needs assessment, curriculum development, delivery and evaluation. Students may tailor classroom assignments and practica to emphasize their career goals including: educational program development for patients, professional staff, communities, or academic nursing programs.

The Nurse Educator Certificate Program will be open to all HPU MSN students, non-degree or "special status" Registered Nurses from the community.

Certificate candidates must complete the following courses:

NUR	6110	Teaching Nursing in Cyberspace (online)
NUR	6956	Nurse Educator Role: Curriculum & Educational Program Development
NUR	6957	Nurse Educator Practicum
NUR	6958	Nurse Educator Role: Complex Educational Needs
NUR	6959	Nurse Educator: Advanced Practicum

**Professional Certificate in Organizational Change and Development
(available on campus or on-line)**

This professional certificate program focuses on change and development at the organizational level. Constant technological, economic, political, and social change have become the norm, and dealing with the rapid pace of change is a challenge faced by almost all professionals around the world. This certificate can be valuable for corporate, community, government, military, and social and human services leaders. Students have the opportunity to study an important field of knowledge and develop valuable skills for creating and implementing successful change. Students can complete the certificate by attending classes on HPU's campus in Honolulu, through on-line distance learning, or with a combination of the two.

Certificate candidates must complete the following courses:

OC	6440	Organizational Change and Development
OC	6442	Culture and Intervention Strategies
OC	6443	Change Leadership Models and Methods
OC	6444	Innovations and Creativity

Professional Certificate in Project Management

The Professional Certificate in Project Management is designed for those who must provide quicker and more focused responses to organizational initiatives. The certificate introduces the modern methods and standards of project management and extends their practice into a larger and more complex programmatic and organizational governance perspective. The certificate program caters to professionals, as well as graduate students who seek coursework and credentialing in project management.

Certificate candidates must complete the following courses:

IS	6020	Modern Methods in Project Management
IS	6150	Global Project Management Standards
IS	6220	Portfolio and Program Management
IS	6350	IT Governance

Professional Certificate in Secondary Education

The HPU Teacher Education program is a post-baccalaureate program in Secondary Education that prepares candidates for licensure in Hawaii and 44 other states in the areas of computer science, English, teaching English as a second language, mathematics, science, social studies, and world languages. With further study, this program also provides candidates with the option to pursue an M.Ed. degree in Secondary Education.

Guided by a profound belief in active, collaborative, experiential, reflective, and transformative learning as well as a deep commitment to diversity and educational technology, this degree program is based on an innovative, inquiry-oriented, standards-driven, and field-based curriculum that integrates content and pedagogy and employs a digital portfolio-based assessment system to evaluate the teacher candidate's progress toward achieving professional standards and proficiencies. In addition, HPU provides teacher candidates with cutting edge, course web page technology tools and access to online periodical databases in education.

University faculty, mentor teachers, and principals will join in a unique partnership to deliver an innovative curriculum that has been designed to develop professional educators who are reflective practitioners dedicated to the scholarship of teaching and learning and school renewal. This partnership forms the basis for an alumni 'ohana that provides continuing mentoring and support to its graduates.

CO-REQUISITE REQUIREMENTS:

(These requirements may be met through coursework previously completed for the baccalaureate degree.)

English

Prior to the teaching internship, teacher candidates seeking licensure in Secondary English Education must have successfully completed one undergraduate English course in each of the following categories:

- Language development and acquisition, including the history of the English language (3 credits)
- Language structure and skills, including grammar systems and semantics (3 credits)
- Traditional literature study (American, British, and World) including literary criticism/theory and literary terminology (3 credits)
- Multi-cultural literature, young adult literature, and literature of diversity, including that by women
- Literacy study included major aspects of written, oral, and visual literacy
- Reading processes for understanding text including critical analysis and meaning making strategies
- Writing processes for different purposes, situations, and audiences
- Media (print and non-print) and communication technology understanding

Mathematics

Prior to the teaching internship, teacher candidates seeking licensure in Secondary Mathematics Education must have successfully completed one undergraduate mathematics course in each of the following categories:

- Knowledge of Number and Operation
 - Knowledge of Different Perspectives on Algebra
 - Knowledge of Geometries
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- Knowledge of Calculus
- Knowledge of Discrete Mathematics
- Knowledge of Data Analysis, Statistics, and Probability
- Knowledge of Measurement

Science

Prior to the teaching internship, teacher candidates seeking licensure in Secondary Science Education must have successfully completed one undergraduate science course in each of the following categories:

- Introductory course work in the field of licensure (6 credits in either biology, chemistry, earth/space sciences, physics)
- Coursework for a major in a single field of licensure (30 credits; at least 20 of the 30 credits will be third and fourth year course work)
- Supporting coursework in each of the three remaining content areas (9 credits)
- Research in science content
- Mathematics (calculus or statistics) appropriate for the discipline (3 credits)

Advanced competencies, including 2 advanced areas, in each of the four disciplines (24 credits)

Biology	Genetics, ecology, molecular biology, evolution, evolutionary biology
Chemistry	Analytical chemistry, organic chemistry, biochemistry
Earth/Space Sciences	Hydrogeology, oceanography, global climate change, geologic age of the earth
Physics	Thermodynamics, high energy physics, advanced mechanics, advanced electricity or advanced light

Social Studies

Prior to the teaching internship, teacher candidates seeking licensure in Secondary Social Studies Education must have successfully completed one undergraduate social sciences course in each of the following categories:

- Culture and Cultural Diversity and Individuals, Groups and Institutions (May be addressed by a common course in Anthropology, Sociology, or Cultural Geography)
- Time, Continuity, and Change: U.S. and World History
- People, Places, and Environments: Geography (preferably cultural geography)
- Power, Authority, and Governance: U.S. Government and Civic Ideals and Practices
- Production, Distribution, and Consumption: Economics
- Individuals, Development, and Identify: Psychology
- Science, Technology, and Society
- Global Connections

World Languages

Prior to the teaching internship, teacher candidates seeking licensure in Secondary World Languages Education must have successfully completed one undergraduate world language course in each of the following categories:

- Knowledge of target language use (listening, speaking, reading, writing)
 - Knowledge of the cultures of the target language
 - Knowledge of the linguistic system of the target language
 - Knowledge of the literatures of the target language
-

Teacher candidates must first take the following *four* core seminar and field experience courses:

ED	6000	The Professional Educator
ED	6001	The Professional Educator Field Experience
ED	6100	The Adolescent Learner
ED	6101	The Adolescent Learner Field Experience
ED	6200	The Scholarly Teacher
ED	6201	The Scholarly Teacher Field Experience
ED	6300	The Reflective Practitioner
ED	6301	The Reflective Practitioner Field Experience

Teacher candidates must then take *one* of the following seminar courses along with its accompanying field experience course:

ED	6410	Computer Science Curriculum and Instruction
ED	6411	Computer Science Curriculum and Instruction Field Experience
ED	6420	English Curriculum and Instruction
ED	6421	English Curriculum and Instruction Field Experience
ED	6430	English as a Second Language Curriculum and Instruction
ED	6431	English as a Second Language Curriculum and Instruction Field Experience
ED	6440	Mathematics Curriculum and Instruction
ED	6441	Mathematics Curriculum and Instruction Field Experience
ED	6450	Science Curriculum and Instruction
ED	6451	Science Curriculum and Instruction Field Experience
ED	6460	Social Studies Curriculum and Instruction
ED	6461	Social Studies Curriculum and Instruction Field Experience
ED	6470	World Languages Curriculum and Instruction
ED	6471	World Languages Curriculum and Instruction Field Experience

To complete their preparation for the teaching internship, teacher candidates must also select one graduate-level elective course in their content area or in education.

Finally, teacher candidates must take the following capstone courses before being recommended for licensure:

ED	6500	Teaching Internship
ED	6510	Teaching Internship Seminar

Professional Certificate in Software Engineering

The Professional Certificate in Software Engineering explores the effective management of software engineering and development projects. It is suitable for those who cannot complete all of the requirements for a master's degree in Information Systems but have an interest in

the software development process, project management, and strategic management.

Certificate candidates must complete the following courses:

IS	6050	Modern Programming Practice
IS	6110	Comparative Methods in Software Engineering
IS	6120	Software Engineering Practicum
IS	6320	Advanced Topics in Software Systems

Graduate Teaching English to Speakers of Other Languages (TESOL) Certificate

The Graduate Teaching English to Speakers of Other Languages (TESOL) Certificate is an 18-credit program designed with courses in three areas: linguistic theory, pedagogy (teaching methods), and practicum. With this balanced curriculum, students can prepare themselves for ESOL teaching in the United States or overseas. A full-time student can finish the program in an academic year or one academic year plus a summer session. Part-time students can move through the program at their own pace.

Prerequisite course: AL 2000 Introduction to Linguistics

CORE COURSES

Certificate candidates must take two of the following:

AL	6000	Introduction to the Field of TESOL
AL	6110	English Phonology and the Teaching of Pronunciation
AL	6120	English Syntax and the Teaching of Grammar

METHODS COURSES

Certificate candidates must take two of the following:

AL	6710	Methods of Teaching Oral/Aural English
AL	6720	Methods of Teaching English Reading and Writing
AL	6725	Methods of Teaching Writing in ESOL
AL	6730	Assessment in TESOL
AL	6760	Teaching English to Children

PRACTICUM COURSES

Certificate candidates must take the following:

AL	6961	Practicum I in TESOL
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ELECTIVE COURSES

Certificate candidates must also take one elective course. Students may select any AL elective course, including a course taken but not counted in the Core Courses, Methods Courses, or Practicum Course sections above.

Transfer Credit: Students may transfer in as many as 6 credits in lieu of required credits in the HPU Graduate TESOL Certificate (GTC). The courses must substitute appropriately for courses in the GTC.

Professional Certificate in Telecommunications Security

The Professional Certificate in Telecommunications Security is designed for those who wish to enhance their understanding of telecommunications security. It is also suitable for those whose responsibilities include information, Internet, and network security but who cannot complete all of the requirements for a master's degree in Information Systems.

Certificate candidates must complete four out of the five following courses:

- IS 6070 Systems Architecture
- IS 6130 Telecommunications
- IS 6330 Advanced Issues in Connectivity
- IS 6340 Information Systems Security
- IS 6380 Systems Forensics



UNIVERSITY CURRICULUM

READING A COURSE LISTING

Number of **semester credits** earned by taking the course

Course alpha—shows the subject area.

Course number

- Below 1000 = pre-college
- 1000-1999 = freshman level
- 2000-2999 = sophomore level
- 3000-3999 = junior level
- 4000-4999 = senior level
- 5000-7999 = graduate level

ACCT 2000

Principles of Accounting I

An introduction to fundamental accounting principles that include the accounting cycle, records, classification of accounts, financial statements, accounting aids to internal control; current assets and liabilities; depreciation accounting; payroll accounting, accounting principles; and partnerships.

(3)

Course prerequisitesPre: Any Com Skills A course and MATH 1105 or higher.
These must be met in order to enroll.

ACCT – Accounting**ACCT 2000 (3)****Principles of Accounting I**

An introduction to fundamental accounting principles that include: the accounting cycle, records, classification of accounts, financial statements, accounting aids to internal control; current assets and liabilities; depreciation accounting; payroll accounting; accounting principles; and partnerships.

Prerequisite: Any Com Skills A course; MATH 1105 or higher.

ACCT 2010 (3)**Principles of Accounting II**

An emphasis on the elements of accounting for corporations. Topics covered include: long-term liabilities; statement of cash flows; introduction to manufacturing accounting; and cost-volume profit analysis.

Prerequisite: ACCT 2000.

ACCT 3000 (3)**Intermediate Accounting I**

An emphasis on accounting theory and practical application. Topics covered include: accounting process; financial statements; cash receivables; inventories; and plant, property, and equipment.

Prerequisite: ACCT 2010 and MATH 1130 or higher.

ACCT 3010 (3)**Intermediate Accounting II**

A continuation of Intermediate Accounting I with the course covering long-term investments and assets, current and long-term liabilities, stockholders equity, and temporary and long-term investments.

Prerequisite: ACCT 3000.

ACCT 3020 (3)**Intermediate Accounting III**

A further extension of accounting theory and practical applications through course topics such as: leases and pension plans; income tax allocations; in-depth analysis of cash flows and financial statements; effects of inflation on accounting; and financial statement disclosures.

Prerequisite: ACCT 3010.

ACCT 3200 (3)**Managerial Accounting**

A course on the elements of managerial accounting, including: cost accounting principles and procedures; job and process cost accounting; budgets; standard costs; variable costing; profit-volume analysis; capital budgeting.

Prerequisite: ACCT 2010 and MATH 1130 or higher; A grade of C- or higher in any R&E A course.

ACCT 3300 (3)**Federal Income Tax - Individual**

A course on income tax laws affecting individuals. Topics include: gross income exclusions; adjusted gross income; deductions from adjusted gross income; personal exemptions; and review of various income tax forms.

Prerequisite: ACCT 2010.

ACCT 3350 (3)**Federal Income Tax - Organization**

An examination of income taxation of partnerships, corporations, estates, and trusts. Emphasis is placed on special corporate problems, personal holding companies, sub-chapter S corporations, and related matters.

Prerequisite: ACCT 3300.

ACCT 3380 (3)**Tax Planning and Research**

An advanced federal income tax course examining tax research methods and the advantages of tax planning in the making of tactical and strategic management decisions. A problem-oriented course.

Prerequisite: ACCT 3300.

ACCT 3390 (3)**Estate Planning**

A course that introduces the student to the estate planning process and includes an overview of Federal Estate and Gift Taxes, will, trusts, and powers of attorney. The student also learns various planning techniques to minimize Federal Estate and Gift Taxes and avoid the probate system.

Prerequisite: FIN 3000.

ACCT 3400 (3)**Governmental Accounting**

A course on accounting concepts and principles germane to government. Topics include budgetary controls and fund accounting systems.

Prerequisite: ACCT 3010.

ACCT 3700 (3)**Accounting and Information Systems**

An introduction to accounting information systems that examines the analysis, design, and implementation of both manual and computer-based systems, and compares their relative merits. Emphasis is given to accounting procedures and internal controls, using the case study method.

Prerequisite: ACCT 2010 and CSCI 3201.

ACCT 3990 (1 to 3)**Nonpaid Internship**

See Internship Section.

ACCT 3991 (1 to 3)**Paid Internship**

See Internship Section.

ACCT 4000 (3)**Advanced Accounting**

An introduction to specialized aspects of financial accounting. Topics include: partnerships; consolidations; branch and home office; estates and trusts; consignments and installment sales; fiduciary accounting; and liquidations.

Prerequisite: ACCT 3020 and FIN 3000.

ACCT 4100 (3)**Auditing**

An examination of the theory and practice of auditing according to generally accepted auditing standards. The

course includes the audit procedures for each transaction cycle and the preparation of auditors' reports.

Prerequisite: ACCT 3020 and 3200; ACCT 3700 or IS 6100.

ACCT 4150 (3)
EDP Auditing

A multidiscipline course covering the theory and practice of auditing EDP systems using the case study method. Course topics include: framework; concerns and objectives; audit procedures; and management perspectives.

Prerequisite: ACCT 3700 and 4100.

ACCT 4997 (1 to 3)

Directed Readings in Accounting

Directed individualized reading.

ACCT 6000 (3)

Accounting for Managers

An examination of the application of financial and managerial accounting principles to the process of planning and controlling activities of an ongoing enterprise. Budgeting is examined as a means for implementing and communicating the planning process. Integration of cost accounting, capital budgeting, and management by objectives into the planning function are studied.

Prerequisite: BUS 5100. Graduate standing.

ACCT 6100 (3)

Advanced Auditing

An advanced course on auditing and reporting. Auditing standards, auditing computer systems, legal liabilities, professional ethics, audit planning, sampling techniques, and internal auditing are studied.

Prerequisite: ACCT 4100. Graduate standing.

ACCT 6200 (3)

Advanced Managerial Accounting

A managerial accounting course that develops skills in gathering and analyzing business information. Quantitative tools for gathering and analyzing data developed in three areas of management concern: planning and controlling current operations, special quantitative decisions, and long-range planning.

Prerequisite: ACCT 3200, ACCT 6000, and MS 6000. Graduate standing.

ACCT 6500 (3)

Contemporary Accounting Theory

An advanced study of accounting theory that undertakes analyzing generally accepted accounting principles. Both historical and current principles as articulated by the AICPA, FASB, and other accounting organizations are reviewed. Additional topics include application of accounting theory and current trends.

Prerequisite: ACCT 6000. Graduate standing.

ACCT 6700 (3)

Advanced Computer Applications to Accounting

A course on the applications of computer software to accounting. Management issues are explored and include: security; automated and manual controls; audibility; backup/recovery; system integration and conversion considerations. Financial and managerial accounting issues

from the perspective of corporate systems implementation and use are discussed.

Prerequisite: ACCT 6000 and MGMT 6050. Graduate standing.

ACCT 6990 (1 to 3)

Nonpaid Internship

See Internship Section.

Prerequisite: Graduate standing.

ACCT 6991 (1 to 3)

Paid Internship

See Internship Section.

Prerequisite: Graduate standing.

ACCT 6997 (1 to 3)

Directed Readings in Accounting

Directed individualized readings.

Prerequisite: Graduate standing.

ADPR – Advertising and Public Relations

ADPR 2000 (3)

Introduction to Integrated Advertising and Public Relations

This course is an introduction to the concept of strategic and integrated communication and provides an overview of the history, rationale and landscape of advertising, public relations related activities, illustrated by case studies and examples. The course includes a survey of integrated communication theory, techniques and applications including an exploration of specific campaigns and case studies and a basic hands-on introduction to copywriting and design.

Prerequisite: Any Com Skills A course. Undergraduate standing.

ADPR 2500 (3)

Creativity

This course brings to light the creative process as it lives in the Advertising and Public Relations industry. Creativity will be explored through major theories and modern research in the field of creativity; case studies of creative individuals, organizations, and campaigns; and through play with creative elements of expression such as music, art, theatre, story, design, dance, and photography. At the end of this course students will have a foundation of ideation, creative strategy, and creative execution techniques.

ADPR 3200 (3)

Public Relations Writing

An advanced study of public relations writing, dealing with the tools of public relations writing, strategies for choosing the right message and medium, legal and ethical issues, media relations, internal and external publications, speeches, desk top publishing, digital media and the basics of style.

Prerequisite: A grade of C- or higher in any R&E A course; ADPR 2000. Undergraduate standing.

ADPR 3250 (3)**Communication Media Research**

Introduction to quantitative and qualitative methods used to study audiences, contents, and effects of mass media. Course content focuses on advertising and public relations communication using social science research skills and statistical analysis. Approaches include content analysis, survey research, focus groups, and other empirical methodologies.

Prerequisite: A grade of C- or higher in any R&E A course; ADPR 2000.

ADPR 3320 (3)**Consumer Behavior**

A course on consumer behavior that discusses various techniques for profiling a target market and analyzing decision-making strategies and buying behavior. The course explores demographics, psychographics, Values and Lifestyles System, PRISM, and high- and low-involvement decisions. It provides insight essential to marketing, public relations, and advertising campaign planning.

Prerequisite: ADPR 2000; A grade of C- or higher in any R&E A course.

ADPR 3400 (3)**Media Strategies**

This course introduces students to the research, planning and relationship development with three media outlets and their representatives who are vital to the development of effective long and short-term strategic communication programs and campaigns. It includes lessons on how to analyze and evaluate both advertising and news/editorial media, how to plan a media program, and how to work with the various media representatives; in some cases advertising representatives for purchased space or time and in other cases editorial staff for placement of public relations material.

Prerequisite: A grade of C- or higher in any R&E A course; ADPR 2000. Undergraduate standing.

ADPR 3500 (3)**Creativity and Copywriting**

A course that introduces strategies for creative and critical thinking, methods of testing creative themes, and techniques for creating, writing, and testing advertising copy. Students learn that creativity and copywriting are critical elements in the creation of an advertising campaign.

Prerequisite: ADPR 2000; A grade of C- or higher in any R&E A course.

ADPR 3600 (3)**Advertising Sales**

A course that presents a balance of theory and practical applications concerning selling, persuasion communication, advertising, and promotion. Topics include: management of the sales force, compensation, training, and motivation; and individual selling techniques for newspaper, magazine, radio, television, and other media.

Prerequisite: A grade of C- or higher in any R&E A course; ADPR 2000.

ADPR 3700 (3)**Integrated Promotion Management**

An overview of nonpersonal promotional strategies

including planning, budgeting, media selection, message design, and timing. Case studies illustrate using mass media special events, in-store displays, advertising, public relations, and visual communication to affect consumer buying behavior. Industry dynamics, controversies, trends and implications are analyzed.

Prerequisite: A grade of C- or higher in any R&E A course; ADPR 2000.

ADPR 3910 (1 to 3)**Selected Topics in Advertising/Public Relations**

Course title, content, and prerequisites will vary. May be repeated for a total of 9 credits when title and content have changed.

Prerequisite: ADPR 2000. Undergraduate standing.

ADPR 3990 (1 to 3)**Nonpaid Internship**

See Internship Section.

ADPR 3991 (1 to 3)**Paid Internship**

See Internship Section.

ADPR 4900 (3)**Strategic Communication Seminar**

This course is the capstone for the Strategic Communication Program of the College of Communication. It is the course that prepares the student for entry into the professional world of strategic communication including advertising, public relations and all of the fields included in those general categories. The course guides the students to utilize all of the theories and models of communication, the planning strategies and implementation techniques in order to develop a strong strategic plan for an existing organization in the Honolulu community.

Prerequisite: ADPR 3400 and 3500. Undergraduate standing.

AIR – Aerospace Studies**AIR 1010 (1)****Foundations of US Air Force I**

The study of the total force structure, strategic offensive and defensive, general purpose, and aerospace support forces of the Air Force in the contemporary world.

AIR 1011 (1)**Initial Military Training I**

Conducted within the framework of organized cadet corps with progression of experiences designed to develop leadership potential. Involves Air Force customs and courtesies, drills, and career progression.

AIR 1020 (1)**Foundations of US Air Force II**

The study of the total force structure, strategic offensive and defensive, general purpose, and aerospace support forces of the Air Force in the contemporary world.

AIR 1021 (1)**Initial Military Training II**

Conducted within the framework of organized cadet corps

with progression of experiences designed to develop leadership potential. Involves Air Force customs and courtesies, drills, and career progression.

AIR 2010 (1 to 2)
Evolution of US Air Force Air and Space Power I

The study of air power from balloons and dirigibles through the jet age; historical review of air power employment in military and nonmilitary operations in support of national objectives; the evolution of air power concepts and doctrine.

AIR 2011 (1)
Field Training Preparation I

Conducted within the framework of organized cadet corps with progression of experiences designed to develop leadership potential. Involves Air Force customs and courtesies, drills, and career progression.

AIR 2020 (1 to 2)
Evolution of US Air Force Air and Space Power II

The study of air power from balloons and dirigibles through the jet age; historical review of air power employment in military and nonmilitary operations in support of national objectives; the evolution of air power concepts and doctrine.

AIR 2021 (1)
Field Training Preparation II

Conducted within the framework of organized cadet corps with progression of experiences designed to develop leadership potential. Involves Air Force customs and courtesies, drills, and career progression.

AIR 2510 (1)
Leadership Laboratory

AIR 3040 (4)
AFROTC Field Training I

Four-week field experience and training at selected Air Force bases on the mainland. This course is required of AFROTC students for Air Force commission.

AIR 3060 (6)
AFROTC Field Training II

Six-week field experience and training at selected Air Force bases on the mainland. This course is required of AFROTC students for Air Force commission.

AIR 3510 (3)
Air Force Leadership Studies I

An integrated management course emphasizing the military officer as manager in Air Force milieu, including individual motivational and behavioral processes, leadership, communication, and group dynamics.

AIR 3511 (1)
Intermediate Cadet Leader I

Conducted within the framework of organized cadet corps with progression of experiences designed to develop leadership potential. Involves Air Force customs and courtesies, drills, and career progression.

AIR 3520 (3)
Air Force Leadership Studies II

An integrated management course emphasizing the military officer as manager in Air Force milieu, including individual motivational and behavioral processes, leadership, communication, and group dynamics.

AIR 3521 (1)
Intermediate Cadet Leader II

Conducted within the framework of organized cadet corps with progression of experiences designed to develop leadership potential. Involves Air Force customs and courtesies, drills, and career progression.

AIR 4010 (3)
National Security Affairs I

The study of U.S. national security policy examining formulation, organization, and implementation of national security; evolution of strategy; management of conflict; civil-military interaction; the military profession; the military justice system.

AIR 4011 (1)
Senior Cadet Leader I

Practical application in adventure training, one-rope bridges, rifle marksmanship, land navigation, drill and ceremonies, physical training.

AIR 4020 (3)
National Security Affairs II

The study of U.S. national security policy examining formulation, organization, and implementation of national security; evolution of strategy; management of conflict; civil-military interaction; the military profession; the military justice system.

AIR 4021 (1)
Senior Cadet Leader II

Practical application in adventure training, one-rope bridges, rifle marksmanship, land navigation, drill and ceremonies, physical training.

AL – Applied Linguistics

AL 1000 (3)
Language Awareness

AL 1000 develops an awareness of language as an important component of culture and of communication. Students investigate the nature of language and examine ways in which the study of language, and the cultural forces that influence its use, may result in better understanding of, and participation in, everyday communication encounters.

Prerequisite: Undergraduate standing.

AL 2000 (3)
Introduction to Linguistics

A general introduction to the nature of language and to the various fields of linguistics: human language vs. animal communication, phonetics, phonology, morphology, syntax, sociolinguistics, and language acquisition. Emphasis is on language situations familiar to students.

Prerequisite: Any Com Skills A course.

AL 3110 (3)**Phonetics and English Phonology**

A basic phonetics/phonology course focusing on English. Topics include: articulatory phonetics, phonetic transcription, the phonetic/phonemic distinction, syllable structure, word and sentence stress, intonation, phonological processes, and the problems that second language learners have in acquiring the phonology of English.

Prerequisite: C- or better in AL 2000 or concurrent.

AL 3120 (3)**English Syntax**

A course in English syntax for the prospective language teacher. Terms and constructs from transformational grammar are introduced to describe grammatical phenomena, but the focus is on the analysis of problems that second language learners have with English syntax.

Prerequisite: C- or better in AL 2000 or concurrent.

AL 3130 (3)**Semantics**

A study of the use of language to communicate meaning. Topics include: the nature of meaning, the semantic relationship between words, the way meaning is encoded in sentences, interpreting utterances in actual speech, morphemes, historical semantics, idioms, and figures of speech.

Prerequisite: AL 2000.

AL 3310 (3)**History of the English Language**

The study of the origins and evolution of the English language from Indo-European through Germanic, Old English, Middle English, and Modern English. Other topics include the development of writing and the position of English in the world today. The course is presented from the perspective of applied linguistics.

Prerequisite: C- or better in AL 2000 or concurrent.

AL 3320 (3)**Sociolinguistics**

An investigation of the relationship between language variation and the following: social class, ethnic group, gender, region, and content. Also discussed are language planning, bilingualism, pidgin/creole languages, and English as a world language. The class focuses on applying the topics above to English language teaching situations.

Prerequisite: A grade of C- or better in AL 2000, SOC 1000, SOC 2000, or SOC 2100.

AL 3340 (3)**Translation in Second Language Acquisition**

An investigation of translation problems due to differences in structure, concept, culture, and style among languages. Other topics include equivalence, untranslatability, languages in contact, and the use of translation as a tool for teaching and learning a second language.

Prerequisite: C- or better in AL 2000 or concurrent.

AL 3350 (3)**Group Dynamics for Language Teachers**

A systematic study of group dynamics in foreign language classrooms, including how groups come together, form productive working relationships, navigate conflicts

and problems, respond to environmental elements, and complete their tasks.

Prerequisite: A grade of C or better in AL 2000.

AL 3500 (3)**Second Language Learning and Teaching**

An introduction to the major theories and issues in the field of second language learning and second language teaching. Topics include first language acquisition, theories of second language acquisition, factors affecting second language acquisition, and learner language. Contemporary perspectives on designing, managing, and assessing language classes will also be covered.

Prerequisite: C- or better in AL 2000 or instructor/departmental consent. Undergraduate standing.

AL 3740 (3)**Technology in Language Teaching**

An exploration of the effective uses of computers and video in language teaching. Criteria to evaluate computer programs and video series are developed and used to evaluate commercially available language learning materials. In addition, classroom activities that incorporate this technology and original materials are developed.

Prerequisite: C- or better in AL 2000 or concurrent.

AL 3750 (3)**Creating Language Teaching Materials**

A course in materials development for language teaching. We will investigate the various conditions under which teachers need to develop materials, the basic principles which different methodologies suggest for the ordering and types of activities, and the process of evaluating, adapting and piloting materials.

Prerequisite: C- or better in AL 2000 or concurrent.

AL 3950 (1 to 3)**Language Classroom Experience**

This course is usually taken one credit at a time over three terms. TESOL students observe language classes. For the second or third credit, the student may assist language teachers if practicable. The course includes periodic seminars and a final written report.

Prerequisite: C- or better in AL 2000 or concurrent.

AL 3990 (1 to 3)**Non-paid Internship**

See internship section.

AL 3991 (1 to 3)**Paid Internship**

See internship section.

AL 4710 (3)**Materials, Methods, Testing I: Spoken English**

An investigation of current materials and methods for teaching oral fluency, pronunciation, listening skills, and oral grammar. Also included are methods and materials for evaluating speaking and listening. Students observe oral fluency/listening classes, as well as prepare and present short teaching demonstrations.

Prerequisite: AL 3110, 3120, and 3950 (all courses may be taken concurrently).

AL 4720 (3)**Materials, Methods, Testing II: Written English**

An investigation of current materials and methods for teaching composition, reading, study skills, and written grammar. Also included are methods and materials used for evaluating writing and reading. Students observe writing, grammar, and reading classes and prepare and present short teaching demonstrations.

Prerequisite: AL 3110, 3120, and 3950 (all courses may be taken concurrently).

AL 4960 (3)**Practice Teaching I**

Closely supervised practice teaching in an English language program, most often in Honolulu. The course includes periodic seminars and a final written report and should be taken in the last term of a student's program.

Prerequisite: AL 3950; AL 4710 or 4720.

AL 4970 (3)**Practice Teaching II**

Closely supervised practice teaching in a language other than English of which the student is a native or near-native speaker. The class includes periodic seminars and a final written report and should be taken in the last term of a student's program. Does not substitute for AL 4960.

Prerequisite: AL 4960 and consent of the instructor.

AL 6000 (3)**Introduction to the Field of English as a Second Language**

A course designed for entering MATESL students, acquainting them with theories of current and historical importance in the field and with other fields that have contributed to ESL. It also introduces the research methods, library resources, and bibliographic requirements for the field, including work in basic statistics and practice in using various print and nonprint resources.

Prerequisite: C- or better in AL 2000 or concurrent. Graduate standing.

AL 6110 (3)**English Phonology and the Teaching of Pronunciation**

An advanced course in English phonology for the prospective teacher of spoken English. Topics include the sound system of North American English, the interaction of the sound system with listening, grammar, and orthography, and methods of teaching and improving pronunciation.

Prerequisite: C- or better in AL 2000 or concurrent. Graduate standing.

AL 6120 (3)**English Syntax and the Teaching of Grammar**

An advanced, practical course in English syntax for the prospective teacher of English, using the framework of transformational grammar to analyze problems of non-native speakers in acquiring English syntax. Also included are pedagogical considerations to deal with these difficulties.

Prerequisite: C- or better in AL 2000 or concurrent. Graduate standing.

AL 6130 (3)**Semantics**

Analyzing the use of language to communicate meaning, this course focuses on language-specific differences in meaning representations and how these differences lead to difficulties for learners of second languages.

Prerequisite: C- or better in AL 2000 or concurrent. Graduate standing.

AL 6310 (3)**History of the English Language**

A course investigating the origins and evolution of the English language. A survey of the development of English from Proto-Indo-European through Old, Middle, and Modern English is presented using linguistic, literary, and historical data. The spread of English in recent times and the implications for TESOL are explored.

Prerequisite: C- or better in AL 2000 or concurrent. Graduate standing.

AL 6320 (3)**Language and Society**

Scrutinizing the relationship between language and society, this course applies such findings to the language teaching situation. Topics include variation based on social class, ethnic group, gender, region, and content. Additional topics may include one or more of the following: language planning, bilingualism, pidgin/creole languages, and English as a world language.

Prerequisite: C- or better in AL 2000 or concurrent. Graduate standing.

AL 6330 (3)**Second Language Acquisition**

A survey of the scope and meaning of second language acquisition. This course includes a brief historical investigation of important works and concepts in SLA and examines the most current theories, applying them to the ESOL classroom.

Prerequisite: C- or better in AL 2000 or concurrent. Graduate standing.

AL 6340 (3)**Translation in Second Language Acquisition**

A course exploring the differences in structure, concept, culture and style among languages and the resulting problems in translating from one to another. Equivalence, untranslatability, languages in contact, and the use of translation in second language teaching are also examined.

Prerequisite: C- or better in AL 2000 or concurrent. Graduate standing.

AL 6350 (3)**Group Dynamics in the Language Classroom**

Group dynamics in the language classroom is a systematic study of group dynamics in language classrooms. Students investigate how groups come together, form productive working relationships, navigate conflicts and problems, respond to environmental elements, and eventually close.

Prerequisite: C- or better in AL 2000 or concurrent. Graduate standing.

AL 6600 (3)**Seminar in Second/Foreign Language Teaching**

Visiting scholars or HPU instructors present topics within their expertise. Topics are those related to language teaching but not currently in the curriculum. Example topics are English in a global context, language policies and language planning, bilingual education, pragmatics, and discourse analysis. There is no limit to the number of times the course is taken as long as the topic is different each time it is taken.

Prerequisite: C- or better in AL 2000 or concurrent. Graduate standing.

AL 6710 (3)**Methods of Teaching Oral/Aural English**

A seminar designed for pre-service and in-service language teachers, providing them with an understanding of ESOL learning and teaching principles as they apply to speaking and listening skills. Materials selection and adaptation, lesson and unit planning, and demonstration teaching are also components of this course. Emphasis is on methods that foster improved oral fluency, accuracy, listening skills, and vocabulary development.

Prerequisite: C- or better in AL 2000 or concurrent. Graduate standing.

AL 6720 (3)**Methods of Teaching English Reading and Writing**

A seminar designed for pre-service and in-service language teachers, providing them with an understanding of ESOL learning and teaching principles as they apply to reading and writing skills. Materials selection and adaptation, lesson and unit planning, and demonstration teaching are also components of this course. Emphasis is on methods that foster improved literacy skills and both fluency and accuracy in writing skills.

Prerequisite: C- or better in AL 2000 or concurrent. Graduate standing.

AL 6725 (3)**Methods of Teaching Writing in ESOL**

Emphasizing current research and practices, this course examines the theory and methods of teaching writing to ESOL students. It focuses on the modified process-oriented method, integrating reading and critical thinking with writing.

Prerequisite: C- or better in AL 2000 or concurrent. Graduate standing.

AL 6730 (3)**Assessment in TESOL**

A course in the principles and practices of evaluation in language learning and teaching. While classroom use of teacher-made tests is emphasized, other topics include program and institutional testing, methods of evaluation without tests, and teacher and program evaluation. Students develop, administer, and evaluate tests.

Prerequisite: C- or better in AL 2000 or concurrent. Graduate standing.

AL 6740 (3)**Research and Issues in Computer-Assisted Language Learning**

After investigating current research in CALL, this course

explores methods of using CALL and video in language teaching. Students conduct a critical review of commercially available language learning materials and develop classroom activities that incorporate CALL.

Prerequisite: AL 2000 or concurrent. Graduate standing.

AL 6750 (3)**TESOL Materials Development**

A seminar that explores the principles of textbook selection and evaluation, task adaptation and design, and the process of materials development for use in ESOL teaching and learning.

Prerequisite: C- or better in AL 2000 or concurrent. Graduate standing.

AL 6760 (3)**Teaching English to Children**

A course exploring the approaches and implementation of activities for teaching English to young learners who are speakers of other languages. Characteristics of children of different ages are discussed along with what they can be expected to do linguistically. Other topics include: classroom management, lesson planning, and multisensory activity development.

Prerequisite: C- or better in AL 2000 or concurrent. Graduate standing.

AL 6961 (3)**Practicum I in TESOL**

A practicum course offering the student opportunities to observe, participate, and assist in ESOL classes both on and off campus. Also included is a professional development project. The individual student's background is considered in designing the practicum. Periodic seminars help students explore insights gained while carrying out practicum components.

Prerequisite: C- or better in AL 2000 or concurrent. Graduate standing.

AL 6962 (3)**Practicum II in TESOL**

Supervised practice teaching in an ESOL program at HPU or, if specific criteria are met, in another Honolulu-area ESOL program. The individual student's background is considered in designing the practicum. The course includes periodic seminars and a final course notebook.

Prerequisite: C- or better in AL 2000 or concurrent; AL 6961. Graduate standing.

AL 6990 (1 to 3)**Nonpaid Internship**

See Internship Section.

Prerequisite: Graduate standing.

AL 6991 (1 to 3)**Paid Internship**

See Internship Section.

Prerequisite: Graduate standing.

AL 7099 (1)**Capstone Requirement**

The MA TESOL student has three choices for a capstone activity:

- (1) compiling an acceptable portfolio,
- (2) passing a comprehensive examination, or
- (3)

completing an acceptable in-service project.

Prerequisite: C- or better in AL 2000 or concurrent. Graduate standing.

AMST – American Studies

AMST 1776 (3)

Essential America

The basic ideas, events, and people that have shaped the USA today, focusing on what one needs to know for better participation and success in American society, politics, and business. Short readings and images from past and present are related to current options and viewpoints by extensive student discussion and audio-visual interpretive commentary.

ANTH – Anthropology

ANTH 2000 (3)

Cultural Anthropology

A general introduction to cultural anthropology. Topics covered include: the nature of culture; basic concepts for analyzing cultural behavior; and consideration of the effects of culture upon the individual and society.

ANTH 2400 (3)

The Anthropology of Polynesian Surfing

The Anthropology of Polynesian Surfing provides students with an understanding of surf culture in the Pacific Basin. Environmental and cultural factors are assessed in relation to surfing's development in Polynesia, integration into Hawaiian culture, decline due to Western influence, and revitalization as a modern recreational activity. The importance of surfing then and now is studied in regards to greater social and cultural events and issues in Hawaii and abroad. An overview of various natural sciences is given as each relates to surfing.

Prerequisite: Any Com Skills A course.

ANTH 2401 (3)

Island Surfing Sites: A Cultural Field Study

Island Surfing Sites: A Cultural Field Study provides students with an understanding of surf culture in the Pacific Basin by using various islands as models to highlight the importance of surfing in ancient and modern culture in Hawai'i. Field activities may include surfing demonstrations and instruction, opportunities to speak with local culture informants, and field trips to various cultural sites and museums to study Hawai'i's surfing heritage. This elective course provides students with an experiential ethnographic opportunity that is critical to anthropology as a discipline and complementary to other courses offered by the college.

Prerequisite: Any Com Skills A course.

ANTH 3000 (4)

Is Global Citizenship Possible?

This course addresses "global citizenship" by focusing on two questions:

- (1) Given that cultural diversity is a key characteristic of our species, how can we organize political communities so different people with different beliefs and behaviors feel a part of the same political community? And
- (2)

how can we address the political and economic disparities that pervade our current global networks in order to build broader political communities that unite through shared interests and hopes rather than common hatreds?

Prerequisite: A grade of C- or higher in any R&E A course.

ANTH 3110 (3)

Symbolism, Myth, and Ritual

An examination of non-Western belief systems through interpretation of myths, rituals, and symbolism. Underlying meanings of religious practices, beliefs, and possible explanations for their origins are examined.

Prerequisite: A grade of C- or higher in any R&E A course; Any introductory social science course.

ANTH 3115 (3)

Culture, Religion, and the Environment

Western and non-Western cultural and religious perspectives on the relationships between people and the environment.

Prerequisite: A grade of C- or higher in any R&E A course; Any introductory social science course.

ANTH 3180 (3)

Culture, Economic Systems, and Management

Selected economic questions regarding exchange, development, and business management within a broad cross-cultural perspective. The applicability of Western economic concepts to non-Western societies, theories of development and underdevelopment for third world countries, and economic development of the Hawai'ian islands pre-and post-contact are explored.

Prerequisite: Any introductory social science course; A grade of C- or higher in any R&E A course.

ANTH 3200 (3)

Medical Anthropology

The study of health issues and disease within a broad cross-cultural perspective. Organization of medical beliefs and services in non-Western settings is explored as a means of better understanding aspects of our own medical system.

Prerequisite: Any introductory social science course; A grade of C- or higher in any R&E A course.

ANTH 3230 (3)

Making a Difference

This course is an ethnographic approach to social activism. It examines the ways in which activists (broadly defined) conceive of and carry out their understandings of social change. We will also interrogate the philosophical, emotional and pragmatic bases for these movements as well as the practical challenges activists face.

Prerequisite: Any introductory social science course; A grade of C- or higher in any R&E A course.

ANTH 3250 (3)

The Anthropology of "First" Contact and Colonialism

This course will examine the ways in which centralized Asian and European powers interacted with and came to politically dominate nations and locations in the Pacific, Asia, the Americas, and Africa. Colonialism will be stud-

ied as a complex set of evolving power relationships that fundamentally altered both colonizers and colonized.

Prerequisite: Any introductory social science course; A grade of C- or higher in any R&E A course.

ANTH 3300 (3)

Japanese Society and Culture

This course examines the culture of Japan with particular attention to values and behavior patterns. Issues to be addressed include the role of the family, gender, popular culture, economic and political issues, historical changes in Japanese society and Japan's responses to the outside world.

Prerequisite: Any introductory social science course; A grade of C- or higher in any R&E A course.

ANTH 3302 (3)

Chinese Culture and Society

By focusing on factors such as nationalism, kinship, gender, modernization, food, popular culture, and society and individual, this course will investigate modern Chinese society and culture in the People's Republic of China, Hong Kong, Taiwan and other locations. Materials including feature films, documentaries and ethnographic footage will be used.

Prerequisite: Any introductory social science course; A grade of C- or higher in any R&E A course.

ANTH 3350 (3)

Diversity in the Workplace

The study of the dynamic changes taking place in the world of work due to increasing ethnic diversity and the numbers of women entering the work place. Using the concept of culture as developed by anthropologists, the course explores such topics as wage differentials, stereotypical careers, equal employment opportunity, management styles, discrimination, communication styles, and harassment.

Prerequisite: A grade of C- or higher in any R&E A course; Any introductory social science course.

ANTH 3360 (2 to 3)

Men and Women in Modern Society

The roles and relationships of women and men in modern society. The course explores such topics as marriage, love, sexuality, finance, harassment, and violence. The roles of women and men in other societies are explored, but major emphasis is placed on American culture.

Prerequisite: A grade of C- or higher in any R&E A course; Any introductory social science course.

ANTH 3365 (3)

Gender in Asia

This course examines the way in which men and women in Asia think about and enact ideas about gender, family, sexuality and the body. The geographical emphasis will be on East and Southeast Asia, but South Asian case studies will be used as appropriate. We will look at the interrelationship between gender and politics, economics, culture and society both in the past and the present.

Prerequisite: Any introductory social science course; A grade of C- or higher in any R&E A course.

ANTH 3400 (3)

The Anthropology of Food and Eating

This course examines the ways in which food is used as a cultural symbol, an economic asset, an ethnic marker and a way of defining your community. We will also examine cooking and cuisine, food and religion, gender and food, the art of food and food and the human body.

Prerequisite: A grade of C- or higher in any R&E A course; Any introductory social science course.

ANTH 3403 (3)

Rhythm and Culture

This course examines the ways in which rhythm functions in the music of different cultures. By looking at the ritual, secular, economic and political functions of percussion, we will use rhythm as a lens for understanding the human condition. Guest artists and hands-on experience will be included.

Prerequisite: A grade of C- or higher in any R&E A course; Any introductory social science course.

ANTH 3500 (3)

Appreciating Pacific Worlds

The cultural and historical traditions of Pacific peoples - in Polynesia, Melanesia and Micronesia. Also considers how Pacific Islanders have coped with change during the past two centuries as well as the perceptions and misperceptions of Islanders by Western writers.

Prerequisite: A grade of C- or higher in any R&E A course; Any introductory social science course.

ANTH 3550 (3)

Hawai'i in the Pacific: Selected Issues

Considers the key issues relating to Hawai'i's place in the Pacific and the Pacific's place in Hawai'i. Involves guest speakers and debates regarding topics, such as sovereignty and economic development, that are central to the current politics of the archipelago and region.

Prerequisite: A grade of C- or higher in any R&E A course; Any introductory social science course.

ANTH 3556 (3)

Hawaiian Archaeology

Examines the archaeology of Hawai'i from the first arrival of Polynesian voyagers through the early contact period of the mid 19th century. Considers issues of colonization, adaptation and interaction between human groups and their environments, the role of landscape in ancient Hawai'ian social and political systems, settlement archaeology, the roles of ritual and power in the development of Hawai'ian society and the impact of European arrival upon Hawai'ian society.

Prerequisite: A grade of C- or higher in any R&E A course; Any introductory social science course.

ANTH 3580 (3)

Impact of Tourism on Local Culture

The study of the impact of tourism upon the cultures where it has developed. Case studies are presented to illustrate these influences, with particular emphasis given to the Pacific region. Adaptive strategies to create cultural and environmental synergy are also discussed, including management by values, proactive cultural ecology, and compatible destination community development.

Prerequisite: A grade of C- or higher in any R&E A course; Any introductory social science course.

ANTH 3700 (3)
Culture and Language

An examination of interrelationship of culture and language. The course explores how culture shapes the form and content of how we communicate with one another as well as how language gives form and depth to the way culture is expressed.

Prerequisite: A grade of C- or higher in any R&E A course; Any introductory social science course.

ANTH 3922 (3)
Managing Our Mortality

Dying in America is often described as a lonely, isolating and painful experience. Drawing on cross-cultural insights, the course explores ways for changing how we cope with the end of life - for our loved ones, our patients, and ourselves.

Prerequisite: A grade of C- or higher in any R&E A course; Any 3000-level social science or nursing course.

ANTH 3950 (3)
Anthropology Practicum

The anthropology practicum is designed to give students a working knowledge of the discipline through a variety of experiences. These experiences can include fieldwork and/or field placement with an agency; developing an extended bibliography of the literature of anthropology; working closely with the anthropology faculty on a research project; and fulfilling other academic requirements as requested by the supervising professor.

Prerequisite: Any introductory social science course; A grade of C- or higher in any R&E A course.

ANTH 3951 (3)
Anthropology Practicum

ANTH 3980 (3)
Hawaiian Sovereignty

Working with Hawaiian activists, the instructor and students will explore key issues regarding cultural and economic sovereignty in the Hawaiian archipelago. Placing today's concerns within an historical perspective, the course asks where we go from here. Students will hear views that provide a spectrum or continuum of the concerns involving the Hawaiian community.

Prerequisite: A grade of C- or higher in any R&E A course; Any introductory social science course.

ANTH 3990 (1 to 3)
Nonpaid Internship

ANTH 3991 (1 to 3)
Paid Internship

ANTH 4900 (3)
Reflections on Anthropology

A culminating course for anthropology majors that brings together students course work, certificate program, and internship experiences to reflect on the broader questions that anthropology deals with: What might we say about the human experience and anthropology's place in

understanding it? How do differences enrich our everyday parochializing perspectives? How might anthropology encourage needed change?

Prerequisite: A grade of C- or higher in any R&E A course; ANTH 2000 or any 3000-level anthropology course.

ANTH 6601 (3)
Seminar: Violence, Conflict, and War

A course that looks at war and conflict from an anthropological perspective. Topics that are considered in the course may include the relationships between social organization and war, the biological factor in violence, and the role played by gender in conflict and violence.

Prerequisite: Graduate standing.

ARB – Arabic (4)
ARB 1100 (4)
Beginning Arabic I

An introduction to contemporary written and spoken Arabic, as well as Arab culture. This is the first semester of a two-semester sequence.

ARB 1200 (4)
Beginning Arabic II

An introduction to contemporary written and spoken Arabic, as well as Arab culture. This is the second semester of a two-semester sequence.

Prerequisite: ARB 1100.

ARB 2100 (4)
Intermediate Arabic I

Conversation, reading, grammar and Arab culture. This is the first semester of a two-semester sequence.

Prerequisite: ARB 1200.

ARB 2200 (4)
Intermediate Arabic II

Conversation, reading, grammar and Arab culture. This is the second semester of a two-semester sequence.

Prerequisite: ARB 2100.

ART – Art

ART 1010 (2)
Color Flow

This class is for all who wish to enjoy the unique flow and spontaneity of watercolor. Students will explore various techniques including wet into wet, blended wet, negative glazing, layering color on color, using resists, opaques and textures. Different drawing techniques will also be introduced. Nature will be our subject matter. Beginners are welcome.

ART 1040 (2)
Introduction to Pastel

The first half of this course will cover pastel safely, controlling the mess, lifting and cleaning areas, techniques (applying pastel to paper to create effects and textures) and layering and mixing color. The second half will cover integrating the color and value of toned paper as part of the painting. Painting will be done from still life set ups. Basic drawing skills will be helpful. Each class will include

demonstrations, personal help and critiques.

ART 1050 (2)

Introduction to Painting

An exciting beginning course that covers materials, techniques, composition and color theory, through lecture and beginning painting projects. The class projects and demonstrations will emphasize seeing value and interpreting it into paint. Acrylic paints are suggested for this class. Beginners or students looking to refresh their fundamental skills are welcome.

ART 1060 (2)

Color Flow: Watercolor Plus

Enjoy the flow and spontaneity of watercolor. Contrast the transparent, luminous color with highlights of other water media, including opaque gouache, watercolor crayon, pastel, and a bit of collage. All students, including beginners, are welcome who wish to explore the many possibilities of this versatile, joyful medium.

ART 1070 (2)

Watercolor I and II

This course is open to all levels including beginners and experienced painters. The studio will have a cooperative atmosphere where students will learn from each other. Subjects will center around still life and occasionally figure painting from a live model. Each session will conclude with a round table critique of student work.

ART 1071 (2)

Watercolor I and II: Exploring Creativity

This class is designed to stimulate creativity and to encourage the development and growth of personal expression. Beginning as well as advanced students are welcome. Students will experiment with different ways of handling color, value and composition using both traditional and contemporary water media techniques. Personal imagery, still life, landscape and painting from life will be explored.

ART 1072 (2)

Beginning Watercolor

Students will learn a fresh approach to watercolor painting as they develop skills in drawing, brushwork, paint handling, composition and color. Students will be encouraged to paint subjects that interest them. Individual concerns will be addressed. Demonstrations, discussions and critiques will be offered in each class. Beginners and intermediates welcome.

ART 1073 (2)

Introduction to Oil Painting

Receive one-on-one instruction and be inspired by other artists in this open studio format for novice to advanced students. From technical improvements in brush, medium, drawing, and color choices to conceptual developments in composition, subject, scale, and series. Oil Painting will help achieve personal art goals in a relaxed setting.

ART 1074 (2)

Painting People

This in-depth class is for students wishing to greatly improve their ability to draw and paint people. Open to

artists working in oil, pastel, watercolor, and drawing media, the heart of this class involves working from the live model in short and longer poses, culminating in creating situational, true-to-life studies. Artistic seeing, practical anatomy, artistic judgment, color and color mixing are some of the many topics that will be covered.

ART 1075 (2)

Drawing and Painting Adventures

Lessons that enhance visual awareness and creativity will develop your artistic abilities. You will see and create differently. Learn basic drawing and painting techniques and fundamental art principles through group exercises and individualized instruction.

ART 1076 (2)

Soft Pastel

Learn the techniques for successful "painting" with soft pastels. Working from still life, students will be introduced to the fundamentals of composition and use of color mixing with pastels. Each class includes demonstrations, personal help and critiques. The class is geared to beginners but is open to all levels of experience. Advanced students will receive individualized coaching.

ART 1080 (2)

Transparent Watercolor

The uniqueness of transparent watercolor will be explored. Students will concentrate on achieving color glow and intensity, transparent layering, strong design and shape making, and personal expression. Beginning as well as advanced students are welcome.

ART 1110 (2)

Ceramics

This course is for beginners as well as experienced ceramists. Hand building and wheel skills will be demonstrated. Instruction will be presented in clay types, glaze application and chemistry as well as kiln styles and construction. The operation of kilns, loading, firing, maintenance will be explained in detail and practice. Teaching will be individualized and will be culturally diverse and inclusive. The most recent changes concerning art, art making by practice, and the spiritual will be explained. Cross cultural comparisons will be a regular part of this course.

ART 1111 (2)

Ceramics: Basic

Emphasis of the course will be on handbuilding in pinch, coil, and slab techniques to create ceramic forms/sculptures with attention to individual projects. A variety of basic glazing techniques will be covered. The course will also use supplemental videos, films, books, etc. Open to beginning students.

ART 1112 (2)

Ceramics: Creative Clay

Learn beginning and intermediate clay handling techniques. Slab, coiled and wheel thrown forms will be explored. Individual projects will be encouraged. Course includes discussions on high fire glazes, glaze application and kiln operation.

ART 1113 (2)**Ceramics: Figurative**

Open to intermediate and advanced students with prior experience in clay handbuilding; knowledge of figurative art and anatomy very helpful. Learn a variety of really fussy techniques for forming hollow, handbuilt stoneware figures, starting with a female or male nude. Specific construction and detailing will be covered in an intensive class that offers one on one attention. The primary focus is on clay handling, expression and multiple-part joinery.

ART 1114 (2)**Ceramics: Handbuilding**

Emphasis of the course will be on handbuilding in pinch, coil, and slab techniques to create ceramic forms/sculptures with attention to individual projects. A variety of basic glazing techniques in the low to medium range will be covered. The course will also use supplemental videos, films, books, etc. Open to continuing, intermediate and advanced students with prior basic handbuilding and glazing experience.

ART 1115 (2)**Ceramics: Surface**

Students will have the opportunity to work with stoneware and/or porcelain clay. Basic slab, coil, and wheel thrown techniques will be covered. Emphasis will be on individual projects exploring various building technique and surface treatment. Course includes discussion on high fire glaze, glaze application and kiln operation.

ART 1116 (2)**Ceramics, Smoke and Fire**

Discover the poetic relationship between fire and clay and be immersed in an age-old creative process. This class focuses on different methods and techniques of raku, pit and sawdust firing. Student will gain understanding of the history and science behind these firing techniques and create ceramic objects suitable for these firing methods. They will also experience the process up close and personal, learning about kiln placement, fire and smoke management, and ware transfer. Students should have some experience in ceramics and expect physical activity, excessive heat and smoke.

ART 1117 (2)**Ceramics: Wheel Throwing**

Explore forms from the basic bowl to the more complex teapot. Basic wheel throwing skills will be developed to create forms such as bowls, mugs, plates, bottles, and vases as well as expressive functional and nonfunctional pieces. Techniques covered will include stacking, coiling, joining, cutting, distorting, and basic glazing. Individualized instruction will be emphasized to meet all skill levels from the beginner to the advanced wheel thrower.

ART 1118 (2)**Ceramics: Clay Another Way**

In this class for beginning and advanced ceramic enthusiasts, one will learn unconventional and esoteric ways of building with clay to create functional and sculptural works of art. Both hand building and wheel throwing techniques are covered in this class as well as a number of firing processes including high fire and raku. No

experience necessary, though open minds are required in this fun, fast paced class.

ART 1119 (2)**Gemology**

Students will learn how to identify precious stones and metals including jade, diamonds, sapphires, rubies, gold, silver and platinum. The course will also cover how gems are graded and cut and how to shop for jewelry. Both beginners and repeat students welcome.

ART 1120 (2)**Basic Jewelry**

This class will provide the student with a well rounded solid foundation in basic metal working techniques. These include soldering, piercing, forging, centrifugal casting, fabrication and finishing techniques.

ART 1121 (2)**Jewelry with an Attitude**

Metal, stone and fire up close and personal! The pragmatic approach to basic jewelry techniques through a series of projects emphasizing direct fabrication in metal. Students will be encouraged to incorporate found objects in their work.

ART 1122 (2)**Beading with an Attitude**

Learn to knot pearls, refurbish old necklaces and create new ones while having a great time in a synergistic environment.

ART 1123 (2)**Metalsmithing & Jewelry Design**

This course will develop your knowledge and skills in the area of metalsmithing and jewelry design through the use of various techniques, tools and equipment. A strong sense of craftsmanship and attention to detail will be emphasized. Projects will cover piercing, riveting, soldering, construction, stretching and finishing.

ART 1124 (2)**Jewelry: Moving Metal**

Basic fabricating, forging and finishing techniques will be covered with attention to craftsmanship and caring for the tools. Students will explore the movement of metal through forging and surface textures and then incorporate their discoveries by designing and creating jewelry. Open to all levels.

ART 1125 (2)**Narrative Jewelry Design**

Design and create a narrative jewelry that makes a personal statement. Students will be encouraged to express their personal stories by incorporating stones, found objects, photographs and more. Students will explore a range of techniques such as basic soldering, piercing, and riveting; forming (pressing, forging), stone setting and embellishing surface (stamping, embossing, roll printing). Beginning and intermediate students welcome.

ART 1126 (2)**Beginning Metals**

This course will develop student's knowledge and skills

through the various techniques, tools and equipment. Projects will include piercing, riveting, soldering, and finishing.

ART 1127 (2)

Jewelry: Basic Fabrication

Learn the basics of making jewelry from metal sheet and wire. You will learn how to saw, solder, cold connect, shape, and finish metal to create jewelry via assigned projects and your own ideas. Class will also cover texturing (hammered, stamped, roller printed) and simple stone setting. Some tools provided, personal hand tools recommended (list available). Additional fees for metals used.

ART 1130 (2)

Basic Drawing

A course in the fundamentals of drawing: line, shape, value, proportion, form and space. The media can be as simple as a lead pencil or mixed media depending on the desire of the student.

ART 1131 (2)

Drawing I

This course is designed to familiarize the student with the mechanics and materials of drawing. The student will use a variety of traditional and non traditional materials to learn the techniques of line, contour, gesture, and shading. Emphasis will be on developing the student's confidence in his or her drawing abilities.

ART 1132 (2)

Drawing II

ART 1133 (2)

The Art of the Sketch

Looking, seeing, finding a line, a tone, a movement, a page, a book, an image, freedom, limitation, and style. A beginning and also an end.

ART 1134 (2)

Life Drawing Studio

This class is for those who want to explore personal approaches to figure study in a stimulating informal setting. Motivated models will provide creative poses ranging from two minutes to 20 minutes. Individual critique will be available and group discussions will be encouraged. Students at all levels are welcome.

ART 1135 (2)

Figures Without Fear

Capture the essence of the human form using an intuitive approach with an emphasis on gesture and simplification. Through demonstration and critique, students will be encouraged to find a personal viewpoint to explore the model's attitude rather than anatomy. A variety of drawing and painting media will be used and students at all levels are welcome.

ART 1136 (2)

Cartooning for Adults

Rediscover the joy of drawing through cartooning. If you skip past the dreary headlines of the daily paper straight to the comics page, this class is for you. Lots of hands on exercises will help the student in the discovery of his or

her own unique style

ART 1137 (2)

Design

A new class in design is offered to beginners or advanced students. Color theory, painting, collage interior design and other design forms will be covered in the class and students may choose the area of design they would like to pursue.

ART 1138 (2)

Portrait Drawing and Painting

This course addresses the structural nature of the human head and the effects of various lighting when depicting the head in charcoal and various paint media. The anatomy of the head will be studied beginning with the skull then focusing on the drawing of details such as the nose, eyes, lips and hair. Photographs will be used as reference at first followed by live models. Special attention will be given to the particular interests and styles of the students so they can develop techniques according to their goals.

ART 1139 (2)

Illustrated Comics

We are looking for people who like to tell stories through 80 years of comic history. Drawing with a focus structure, themes, and sequential art will be emphasized. The class is open to all levels although prior drawing experience is preferred.

ART 1140 (2)

Drawing the Landscape

See the dramatic surroundings of Honolulu and O'ahu with new eyes as you discover the pleasures of plein-air drawing with colored pencils or pastel. Explore new techniques and materials and learn about the long and rich tradition of landscape art.

ART 1141 (2)

Basic Design

This design class will be useful to people at all levels of expertise from beginners to advanced. Many design forms will be covered including color theory, painting, collage, and interior design as well as others. In this creative, supportive learning environment, students will be able to choose the area of design on which they prefer to focus. Students will learn to see design all around them and/or fine tune what they already know.

ART 1150 (2)

Chinese Brush Painting

The class introduces students to various Chinese painting techniques. The subjects to be covered will include landscapes, flowers, birds, and other animals. Emphasis will be placed on the selection of paint brushes, color blending, form, contour, composition, and proportion. Beginners with a strong interest or students with experience in the art of Chinese painting are welcome.

ART 1151 (2)

Intuitive Painting I

This class is for anyone who is interested in exploring new and unusual approaches to painting and drawing on paper and canvas with a variety of media. Serious but

lively investigations of techniques with emphasis placed upon both emotional and mental responses each student wishes to explore in his or her work. This class is designed to stimulate creatively in all forms of art.

ART 1152 (2)

Go with the Flow of Watercolor

Explore the joy of watching paint and water mingle on paper. Students will learn how to apply just the right amount of control to bring the composition together and bring forth their own unique creations. All levels are welcome.

ART 1160 (2)

Shodo-Japanese Calligraphy

With a history of over 2000 years, Japanese calligraphy has evolved into a highly revered Asian art form. The class will introduce students to various calligraphy materials, different writing styles, and the esthetics of a well balanced work. The class is geared for beginning students but those with prior experience in Japanese or Chinese calligraphy are welcome.

ART 1161 (2)

Flower Arranging

Sogetsu Ikebana is a form of contemporary art. Students will learn how to use a variety of materials and create beautiful flower arrangements. The class also offers lessons in basic creativity. Students will learn how to arrange any time, anywhere. Only 15 students will be accepted. Offered in two ongoing seven-week sessions. Both beginners and advanced students welcome.

ART 1180 (2)

Life Drawing

Traditional and contemporary approaches to seeing and interpreting the figure that will encourage and strengthen the drawing skills of the beginner and the experienced student. Materials include charcoal, pastel, and acrylics.

ART 1190 (2)

Beginning Painting

An exploration of the exciting world of color and composition while learning to paint with oils or acrylics in different techniques. Students with previous experience welcome.

ART 1200 (2)

Watercolor I

Instruction in fundamental watercolor technique with introduction of materials. Emphasis will be on increasing control of the media and compositional elements. Various exercises will be introduced to develop a color, light, texture, and shape awareness. Most classes will be concerned with a still life set up in the classroom. There will be some experience with landscape on location.

ART 1210 (2)

Painting I and II

Two classes in one! For the beginning student this course will provide a solid foundation in oil or acrylic painting in a simplified and painless way. A variety of methods and subject matter will be explored. Advanced students will be guided in the development of their artistic vision and personal expression.

ART 1211 (2)

Advanced Painting

This class is for students who wish to explore gesture as a means and an end to painting. Gesture, in this case will be thought of as direction or inclination and will require of students a strong sense of purpose. Any painting media and choice of content can be used. Emphasis will be given to the push and pull concept of the painting process. Class projects will be a collaboration of student and teacher with the student providing direction and the teacher guidance.

ART 1212 (2)

Color Flow: Watercolor Plus

Enjoy the flow and spontaneity of watercolor. Contrast the transparent, luminous color with highlights of other water media, including opaque gouache, watercolor crayon, pastel, and a bit of collage. All students, including beginners, are welcome who wish to explore the many possibilities of this versatile, joyful medium.

ART 1213 (2)

Painting the Head and Figure from Life

This class is for all artists interested in drawing and painting from the model in an unhurried, systematic fashion. Ideally suited for painters in oil, pastel, and drawing media, the heart of this class is the extended-length study, with both clothed and nude models. The class includes numerous demonstrations by the instructor as well as personal critiques and encouraging one-on-one dialogue.

ART 1220 (2)

Breakthrough Painting

This class is for the intermediate painter who wants to work in a lively studio workshop environment. The class will enhance your ability to see, think and paint with an emphasis on subject matter. Individual and group projects will be designed to encourage each person's own style of painting. Group discussion in historical art movements and theory will be an added bonus. Oil or acrylic paints can be used for this class.

ART 1230 (2)

Watercolor II

An exploration in watercolor with emphasis on developing personal approaches and techniques primarily in landscape on location and in the studio. Still life, color studies, composition, memory painting, and sketching will also be covered. Watercolor I or its equivalent is required. There will be an introduction to figure sketching. Optional neighbor island painting experience on Kauai or the Big Island (trip price to be announced).

ART 1240 (2)

Painting Studio I

This class is for experienced painters who would like to set aside the time to explore individual projects in a supportive, informally structured "open studio" environment. One-on-one coaching and group interaction will assist students in resolving problems and finding the confidence to generate their own aesthetic voice. All painting mediums are welcomed.

ART 1250 (2)**Introduction to Printmaking**

A course designed to acquaint the student with basic techniques of printmaking and an understanding of their application in producing fine prints. Emphasis will be placed on the intaglio (etching) process. The student will have the opportunity to produce line etchings, aquatint, and soft ground etchings, and to deepen his or her appreciation of the art of printmaking.

ART 1251 (2)**Photo Printmaking**

This class offers students the chance to explore photographic printmaking through a variety of methods. The methods covered will be Digital Photo Etching, Digital Photo Lithography, Cyanotype and Van Dyke Brown Alternative photo processes. Students will need to have access to a computer with Adobe Photoshop program on it.

ART 1255 (2)**Screen Printing: An Introduction**

Students will be introduced to a variety of stencil making techniques, including cut-paper, drawing fluid resist and photomechanical emulsion. Screen-printing topics will also include strategies for registration, reductive editions, color layering and types of flocking (collage by screen-printing). Students will be invited to participate in an exchange portfolio.

ART 1260 (2)**Printmaking II**

A class that offers the opportunity for individuals who are familiar with basic intaglio techniques to pursue their own interests within those techniques and/or explore the possibilities of the calligraphy, monoprint, woodcut, etc. Admittance to the class is subject to the approval of the instructor. Individualized attention by the instructor will be offered as each student pursues the development of all aspects of his or her work.

ART 1270 (2)**The Painting Studio**

This class is for all levels of painters who would like to set aside the time to explore individual projects in a supportive, informally structured "open studio" environment. One-on-one coaching and group interaction will assist students in resolving problems and finding the confidence to generate their own aesthetic voice. All painting mediums are welcomed.

ART 1280 (2)**Papermaking**

An exploration of the artistic potential of handmade paper using simple processes utilizing recyclable papers, cotton linters, and abaca pulps. Students will learn to make screens, prepare and color pulps, and make sheets of paper. Three dimensional and casting techniques will also be explored. Students will have an opportunity to develop a personal approach to papermaking projects and incorporate other media with handmade paper.

ART 1290 (2)**Studio Visits With the Masters**

Explore the roots of the 20th century modern art in America by viewing rare historical videos on ground-breaking artists like Picasso, Duchamp, Pollock, and many more. Listening to these master speak about their own work and seeing them in action in their studios provides students with an intimate knowledge of art history that doesn't exist in text books or university lecture halls. At each session different artists will be highlighted. Lively discussion sessions will follow each video with selected bibliographies and handouts on key artists provided.

ART 1380 (2)**Abstract Painting or Drawing**

A course that emphasizes on composition and working with primary colors. The first half of the course will be semi abstract with still life, landscape, self-portrait, portrait, and the human figure. The second half will concentrate on nonobjective, op art, pop art, abstract expressionism, and minimal art. Students may work in oil, acrylic, or watercolor paint. Course includes art appreciation video.

ART 1400 (2)**Introduction to Intaglio**

Students will become familiar with basic techniques of intaglio printmaking. Emphasis is placed on etching but students will have opportunity to work with aquatint and soft grounds. Beginners and repeat students are welcome.

ART 1410 (2)**Lithography**

Instruction in the methods of recording an original image on lithographic stone or metal plate to create lithographic prints on paper in black and white. Advanced students will include color printing.

ART 1411 (2)**Lithography: The Art of Drawing & Painting on Stone**

This course begins with an introduction to basic stone lithography, branching out later in the semester to include other print processes. The course will be structured with an emphasis on personal artistic development.

ART 1420 (2)**Basketry**

A course that introduces the student to basic skills, techniques, and concepts in creating beautiful and functional baskets. Students will learn to use a variety of natural, manmade and local materials and incorporate a number of weaving techniques. Advanced students are also welcome.

ART 1425 (2)**Fiber Arts**

Students will explore a wide variety of fiber art techniques including batik, fabric painting, felting, simple weaving on frame looms and papermaking. Emphasis will be on creative self-expression and exploring the possibilities of working with fiber and fabric.

ART 1431 (2)**Textile Design**

Students will have the opportunity to learn the craft of textile design. The course includes an introduction to printing on fabric and creating drapery, dress fabric, or fabric panels for display. Students will have the stimulating adventure of working on original designs on paper and printing them on fabric. Course includes slide lectures and a trip to the Honolulu Academy of Arts to familiarize students with the background of textile design.

ART 1432 (2)**Weaving I and II**

This session students will learn about Ripsmatta or what is now called Rep Weave, a warp-faced block design technique that produces a ridged fabric. Used mainly to make rugs, it can be adapted to make other items such as a table runner or bag. To help the first time weaver, a simple sampler will be required. Students should bring measuring tape, scissors, notebook and pencil to class. Not all materials will be provided and students will need to purchase own yarns.

ART 1433 (1 to 3)**Shibori and Indigo Dyeing**

This class will combine the classical techniques of tie-dye (shibori, bhandani, tritik, plangi) with the magical process of vat dyeing with indigo. The basics of both traditional and contemporary tie-dye will be covered. Students will be encouraged to apply these techniques to their own creative projects.

ART 1450 (2)**Smaller Than Your Head Art Object Art**

Create small toy-like sculptures, work-intensive jewelry that you will never make money selling and other mystery forms. A variety of craft mediums such as wire, sculpey, fake fure, celluclay and doll parts will be used. Since playing with your work is important, simple movements will be explored. Your mixed media amusements will open and close, spin around, and fall apart, not necessarily in that order. Creations include: a petting zoo, a mirror into the self, a six-inch bear rug (with claws and teeth). Share your sculptures with your friends and watch them nod politely and slowly back away to the door. This course is suitable for anyone who has a sense of humor and small pliers.

ART 1451 (2)**Collage I & II**

The art of collage offers a unique alternative in self expression and composition through the application and deconstruction of visual surfaces. Using various collage techniques, students will experiment with elements of art, such as color, texture and shape in both formal and improvisational ways. The historical background of collage and various conservation methods will be discussed. In addition, selected guest artists will share their work and processes adding to the students' overall collage vocabulary.

ART 1510 (2)**Origins of Modern Art in America**

A unique way to explore modern art in America! Students will learn by viewing rare historical videos on ground-

breaking artists like O'Keefe, Picasso, Duchamp, Pollock and more. Listening to these artists speak about their work and seeing them in action in their studios provides students with an intimate knowledge of art history that doesn't exist in textbooks. Lively discussion sessions will follow each video with selected bibliographies and handouts on key artists provided.

ART 1520 (2)**Pop Art to the Present**

A unique way to explore contemporary art movements from 1960 to the present. Students will learn by viewing rare historical videos on groundbreaking artists like Andy Warhol, Robert Rauschenberg, Jasper Johns, Ray Johnson, Elizabeth Murray and more. The course will start with a video reviewing art from the first part of the 20th century. At each session a different artist will be examined. Lively discussions will follow each video with selected bibliographies and handouts on key artists provided.

ART 1700 (1)**American Film Directors**

Tired of all those mindless movies at the multiplexes? Try this refresher course in the classics, exploring the artistry and excellence of great film directors throughout cinema history. D.W. Griffith, Howard Hawks, John Ford, Billy Wilder and Charlie Chaplin are among the innovators whose work continues to inspire filmmakers to this day. This course will explore their remarkable achievements through clips, discussions and exclusive screenings of key films.

ART 1701 (1)**Rediscovering French Film 2****ARTH – Art History****ARTH 2000 (3)****The Art of Asia**

The artistic traditions of India, China, and Japan from earliest times to the present. Emphasis is upon indigenous aesthetics as well as historical interrelationships.

ARTH 2100 (3)**Tribal Arts**

The indigenous art and architecture of sub-Saharan Africa, Native America, and the Pacific are examined.

ARTH 2200 (3)**Foundations of Western Art**

An examination of Western art from its beginnings in Paleolithic Europe, through the ancient Mediterranean era, to the European Renaissance.

ARTH 3206 (3)**Renaissance to Modern Art**

The art and architecture of Europe and America from the Renaissance to modern times. The course explores values, ideas, and propaganda as expressed in art.

Prerequisite: A grade of C- or higher in any R&E A course.

ARTH 3301 (3)**Art of China**

The art of China from the Neolithic to the Qing Dynasty. Major trends and folk arts are discussed.

Prerequisite: A grade of C- or higher in any R&E A course.

ARTH 3321 (3)**Art of Japan**

The art of Japan from earliest times to the nineteenth century. Painting, sculpture, and architecture in light of indigenous ideas and foreign contacts are examined.

Prerequisite: A grade of C- or higher in any R&E A course.

ARTH 3351 (3)**Art of India and South East Asia**

The history of the spread of Indian art and its transformation in the cultures of Southeast Asia.

Prerequisite: A grade of C- or higher in any R&E A course.

ARTH 3551 (3)**Art of the Pacific**

The art and architecture of Indonesia, Melanesia, Micronesia, and Polynesia in its pre-European context.

Prerequisite: A grade of C- or higher in any R&E A course.

ARTH 3552 (3)**Art of Polynesia**

The art and architectural tradition of cultures within the Polynesian triangle.

Prerequisite: A grade of C- or higher in any R&E A course.

ARTH 3556 (3)**Art of Hawaii**

The art of Hawai'i from its possible origins to the arrival of Christianity is examined. The course includes sculpture, architecture, temple structures, petroglyphs, feather works, and bark cloth.

Prerequisite: A grade of C- or higher in any R&E A course.

ARTH 3611 (3)**Art and the Human Body**

An overview of how societies and cultures around the world have related to the form of the human body. The course surveys ideal body types and concepts of deformity as depicted in art. Body art is examined including tattooing, scarification, surgical procedures, body painting, and the use of jewelry and textiles. The course also covers how medical treatment has been the subject of art and how art has been used to heal or harm the human body.

Prerequisite: A grade of C- or higher in any R&E A course.

ARTH 6011 (3)**World Art History**

This course will cover broad themes in the cultures of the West, Asia, the Tribal world and Pre-Columbian civilizations. It will explore how different cultures conceptualized artistic problems and esthetic solutions according

to their own standards and those imposed upon them by history and circumstances. The class will combine class topical presentations by the instructor, and students; reviews and critiques based upon the reading list and a research paper.

Prerequisite: Graduate standing.

ARTH 6601 (3)**Seminar: Artists and Images of War**

A seminar that discusses how war has been portrayed by artists from earliest times until the present day. Some of the themes that may be included are war as depicted in public art, war as shown by soldier-artists (and photographers), the power of military images, and art for war memorials.

Prerequisite: Graduate standing.

ARTS – Arts**ARTS 1000 (3)****Introduction to Visual Arts**

An introductory visual arts course covering elements of art, principles or design, and the creative process. Major historical movements in art are covered as well as student expressions in various visual media and forms. Lectures and studio demonstrations.

ARTS 2010 (3)**Beginning Drawing**

This course is an introduction to basic drawing techniques. Students will use various media to create form-space relationships through contour line, value, shape, perspective and composition. Emphasis is on developing confidence in observational drawing skills and visual problem solving.

ARTS 2020 (3)**Intermediate Drawing**

A course designed to allow the serious student to further develop their drawing skills as an artist and to begin to develop their work more independently. Projects will have an emphasis on expressiveness and originality, using various drawing materials and explorations of color.

Prerequisite: ARTS 2010.

ARTS 2150 (3)**Introduction to Design**

Introduction to Design is a broad, introductory visual arts course that covers elements of design as it relates to your daily life and to art in general. Major historical movements in design will be covered and major designers will be introduced through an examination of 2D design (graphic design), interiors (product design, furniture design, and interior design), and exteriors (architecture). Students will be exposed to the practice of design through guided projects in basic two-dimensional design and color that emphasize concepts presented in class. Lectures and studio demonstrations.

ARTS 3010 (3)**Introduction to Sculpture**

This course is an introduction to cultural three-dimensional techniques as well as an introduction to the theory and practice of sculpture. Students will explore a variety

of media, techniques, and concepts.

Prerequisite: Any ARTS or ARTH course.

ARTS 2020 (3)

Introduction to Painting

This course introduces basic painting techniques and provides an introduction to the theory and practice of painting. Students will explore a variety of media, techniques, and concepts that pertain to painting.

Prerequisite: Any ARTS or ARTH course.

ARTS 3051 (3)

Photography

This course introduces the student to the principles and techniques of photography. It includes an understanding of how cameras work, the history of photography, ethics of photography, photojournalism, and specialized photographic applications. Students must have an adjustable digital camera. Printing and photo editing will be introduced utilizing the latest versions of Photoshop.

Prerequisite: ARTS 1000 or any introductory humanities course.

ARTS 4901 (3)

Advanced Studio Projects

This course covers advanced projects in sculpture, drawing, painting, or photography. Students will participate in advanced interdisciplinary critiques, read contemporary critical theory in the visual arts, and do presentations about their work and the work of other relevant artists. Students will also complete a capstone project that will involve an exhibition on the HPU campus.

Prerequisite: ARTS 2010; ARTS 2020, 3010, 3020, or 3051.

ASIA – Asian Studies

ASIA 3950 (3)

Asian Studies Practicum

This course is an individual project which is geared around the idea of personal application of ideas and skills learned in the Asian Studies Program to practical situations and analysis.

Prerequisite: Any 3000 level humanities or social science class; A grade of C- or higher in any R&E A course.

ASIA 4900 (3)

Asian Studies Seminar

This course is the capstone course in Asian Studies. It seeks to give students an understanding of key issues in the discipline, and to encourage students to reflect on the larger intellectual contexts that frame their own particular interests within the field.

Prerequisite: A grade of C- or higher in any R&E A course.

BIOL – Biology

BIOL 0900 (3)

A course intended to prepare selected nursing and pre-medical studies majors for BIOL 2030 (Human Anatomy and Physiology) and BIOL 2050 (General Biology). It imparts a general knowledge of the fundamentals of chemistry and biology, as needed by students entering

these three lower-division courses.

BIOL 1000 (3)

Introductory Biology

An introductory survey of the major areas of the biological sciences designed to equip students with information enabling them to make rational, informed decisions about biologically relevant issues. The course includes topics such as cell structure and function, metabolism, mitosis and meiosis, protein synthesis, evolution, animal diversity, anatomy and physiology, ecology, and conservation biology.

BIOL 1200 (3)

Human Biology

Human Biology is a survey course for non-science majors covering topics such as the scientific method, human evolution, hierarchical anatomical structures (atoms to organs), and the normal physiology of organ systems in humans. Although an emphasis is placed on students' understanding of the non-diseased systems, topics such as AIDS, Cancer, use of supplements, and other environmental impacts are introduced.

Prerequisite: Undergraduate standing.

BIOL 1300 (3)

Nutrition: Eat Smarter

This course is an introduction to nutrition and its relationship to health. Micronutrients are categorized by their function in the body (tissue guardians, antioxidants, energy generators, essential electrolytes, mineral power plants, blood fortifiers, bone builders). To personalize these concepts, students conduct an assessment of their own eating habits. Students evaluate sources of nutrition information, conflicting opinions and motives, and develop their own value system as a foundation for studying ethical and moral issues concerning food and nutrition.

BIOL 1500 (3)

Conservation Biology

An introductory undergraduate course designed to introduce students to the biological sciences. The course will emphasize the nature of biodiversity, the growing threats to biodiversity, and ecologically sound conservation and resource management practices designed to slow its loss.

BIOL 2010 (3)

The Human Life Cycle

An introduction to the biochemical and hormonal control of human growth and reproduction.

BIOL 2030 (3)

Anatomy and Physiology I

The first semester of a comprehensive introduction to the structure and function of the human body. The course includes topics such as gross body organization and related terminology, review of cell structure and function, anatomy and physiology of the integumentary, musculoskeletal, nervous, and endocrine systems from the molecular level in cells to the integrated working of the human body.

Prerequisite: Any Com Skills A course; MATH 1115 or higher except MATH 1123.

- BIOL 2031** (1)
Anatomy and Physiology I Laboratory
 Laboratory component of BIOL 2030.
Prerequisite: BIOL 2030 or concurrent.
- BIOL 2032** (3)
Anatomy and Physiology II
 A continuation of BIOL 2030. The course includes topics such as the circulatory and immune systems, respiration, body fluid balance, urinary system, reproduction and inheritance, and human development.
Prerequisite: BIOL 2030.
- BIOL 2033** (1)
Anatomy and Physiology II Laboratory
 Laboratory component of BIOL 2032.
Prerequisite: A grade of C or better in BIOL 2031; BIOL 2032 or concurrent.
- BIOL 2050** (4)
General Biology I
 The first semester of a rigorous introduction to modern biology for students intending to major in the natural sciences. The course includes topics related to biological structure and function, from the molecular level in cells to the integrated workings of organisms. Darwinian evolution is emphasized as a unifying theme in biology.
Prerequisite: A grade of C or better in MATH 1130 or higher (or a math SAT of at least 550 or a math ACT of 24 or greater); A grade of C or better in any Com Skills A course (or a verbal SAT of 510 or an English ACT of 21 or greater).
- BIOL 2051** (1)
General Biology I Laboratory
 Laboratory component of BIOL 2050.
Prerequisite: BIOL 2050 or concurrent.
- BIOL 2052** (4)
General Biology II
 A continuation of BIOL 2050. The course includes mechanisms of heredity and biological evolution, the history of life in all its major forms, and the ecological contexts and constraints of its existence.
Prerequisite: A grade of C- or better in BIOL 2050.
- BIOL 2053** (1)
General Biology II Laboratory
 Laboratory component of BIOL 2052.
Prerequisite: A grade of C or better in BIOL 2051; BIOL 2052 or concurrent.
- BIOL 2170** (3)
Ethnobotany: People and Plants
 An introduction to the history of human use of plants as food, medicine and materials, with emphasis on examples from the Hawaiian Islands. Patterns of cultural interchange promoting the collection and spread of knowledge of plants and their cultivation and use will be examined, as well as prospects for future discoveries from ethnobotanical study of different cultures.
Prerequisite: WRI 1100.
- BIOL 3010** (3)
Hawaiian Natural History
 The unique biota in marine, freshwater, and terrestrial habitats of the Hawai'ian Islands: evolutionary history, ecology, and human impacts on Hawai'ian ecosystems are focuses.
Prerequisite: BIOL 2052; A grade of C- or higher in any R&E A course.
- BIOL 3020** (3)
Plant Biology
 The evolution, comparative anatomy, physiology, and life cycles of members of the plant kingdom from algae to flowering plants.
Prerequisite: BIOL 2052; A grade of C- or higher in any R&E A course.
- BIOL 3021** (1)
Plant Biology Laboratory
 Laboratory component of BIOL 3020.
Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2053, 3020 or concurrent.
- BIOL 3024** (3)
Algal Biology and Diversity
 This course will provide students with a basic understanding of algal biology, classification and evolutionary history as well as current information on the role of algae in marine ecosystems, global climate and human health. Emphasis will be placed on the major groups of algae found in Hawaiian waters.
Prerequisite: BIOL 2052.
- BIOL 3025** (1)
Algal Biology & Diversity Laboratory
 This course will accompany BIOL 3024 (Algal Biology and Diversity) to teach students how to identify local species of marine algae in the laboratory and, when possible, in the field. Students will also begin preparing their own herbarium of local marine seaweeds, and will conduct laboratory experiments using local marine phytoplankton and seaweeds. Emphasis will be placed on the major groups of algae found in Hawaiian waters.
Prerequisite: BIOL 3024.
- BIOL 3030** (3)
Comparative Animal Physiology
 Vertebrate and invertebrate mechanisms regarding gas exchange, food and energy metabolism, temperature, salt, water, and nitrogen regulation, bodily coordination, integration and information processing; adaptation to environment is emphasized.
Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2052 and CHEM 2052.
- BIOL 3031** (1)
Comparative Animal Physiology Laboratory
 Laboratory component of BIOL 3030.
Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2053, 3030 or concurrent; and CHEM 2053.

BIOL 3034 (3)**Human Physiology**

A course designed to help students understand the major functional systems of the human body. Topics include: organ systems, biochemical interactions of cells and tissues, hormonal control, fluid dynamics and osmotic regulation, development, homeostasis, and pathology. Consideration is given to both classic and recent physiological research.

Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2052; CHEM 2052 or concurrent.

BIOL 3035 (1)**Human Physiology Laboratory**

The Human Physiology Laboratory course complements BIOL 3034 lecture. The course helps students apply their knowledge by carrying out experiments in basic cellular functions (e.g., osmosis/diffusion), electrophysiology, sensory system physiology, reflexes, muscle physiology, cardiovascular physiology, respiratory physiology, metabolism, endocrinology, reproduction, and embryology. *Prerequisite:* BIOL 2052* and BIOL 3034 or concurrent. (* must have a grade of C or higher).

BIOL 3036 (3)**Human Anatomy**

Human Anatomy is an advanced introduction to basic gross anatomy from both a systems and regional approach. Topics include medical imaging and some common pathological conditions. This course complements BIOL 3034 Human Physiology.

Prerequisite: A grade of C or better in BIOL 2052.

BIOL 3037 (3)**Nutrition and Society****BIOL 3040 (3)****General Microbiology**

An introduction to the structure and function of microorganisms including genetics, metabolism, and comparative studies of prokaryotic and eukaryotic organisms; emphasis is on organisms of clinical significance.

Prerequisite: A grade of C- or higher in any R&E A course; A grade of C- or better in BIOL 2030 or 2052.

BIOL 3041 (1)**General Microbiology Laboratory**

Laboratory component of BIOL 3040.

Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2033 or 2053; BIOL 3040 or concurrent.

BIOL 3050 (3)**Genetics**

Classical genetics in light of modern advances in molecular biology, including identification and structure of genetic material, its arrangement and transmission, and the molecular studies of genes.

Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2052 and CHEM 2052.

BIOL 3054 (3)**Evolutionary Genetics**

Current theories of the genetic basis of evolution, emphasizing evolution at the molecular level, adapting a

phylogenetic approach for prokaryotic and eukaryotic organisms.

Prerequisite: BIOL 2052 and CHEM 2052; A grade of C- or higher in any R&E A course.

BIOL 3060 (3)**Marine Invertebrate Zoology**

An evolutionary perspective emphasizing functional morphology and life histories of marine, freshwater, and terrestrial invertebrates.

Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2052.

BIOL 3061 (1)**Marine Invertebrate Zoology Laboratory**

Laboratory component of BIOL 3060.

Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2053; 3060 or concurrent.

BIOL 3070 (3)**Marine Vertebrate Zoology**

An examination of the diversity, evolution, comparative morphology, and physiology of fishes. The course surveys marine reptiles, birds, and mammals.

Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2052.

BIOL 3071 (1)**Marine Vertebrate Zoology Laboratory**

Laboratory component of BIOL 3070.

Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2053; 3070 or concurrent.

BIOL 3080 (3)**Ecology**

A study of the adaptive structure and function at the individual, population, community, and ecosystem levels; theoretical and experimental studies pertaining to the distribution and abundance of marine, freshwater, and terrestrial organisms.

Prerequisite: BIOL 2052 and CHEM 2052; A grade of C- or higher in any R&E A course.

BIOL 3081 (1)**Ecology Laboratory**

Laboratory component of BIOL 3080. Includes introduction to, and analysis of, ecological journal articles.

Prerequisite: BIOL 2053, 3080 or concurrent; CHEM 2053; MATH 1123 or 3323; A grade of C- or higher in any R&E A course.

BIOL 3930 (3)**Nutrition and Society**

A seminar course investigating current philosophical, societal, and scientific issues in the field of nutrition. Topics include the role of nutrition in holistic health and preventive medicine, food and behavior, world hunger, eating disorders, nutrition and fitness, nutritional fads and fallacies, ethics in food manufacturing and advertising, food additives, pesticide residues, and changing nutritional needs during the human life cycle.

Prerequisite: A grade of C- or higher in any R&E A course. Junior standing.

- BIOL 3990** (1 to 3)
Nonpaid Internship
- BIOL 3991** (1 to 3)
Biology Internship
- BIOL 4020** (3)
Cancer Biology
Cancer Biology considers perspectives in population epidemiology cell growth pattern/rates, carcinogens, and molecular interactions in a number of the more prevalent cancers within the last 20 years. This course will provide beneficial background information to students considering graduate cancer research or for students considering a career in medicine.
Prerequisite: BIOL 2052 and CHEM 3032*. (* must have a grade of C or higher).*
- BIOL 4030** (3)
Cell and Molecular Biology
Principles governing metabolism, reproduction, genetics, and other aspects of biological activity at the cellular level in both prokaryotic and eukaryotic organisms.
Prerequisite: BIOL 2052 and CHEM 2052; A grade of C- or higher in any R&E A course.
- BIOL 4031** (1)
Cell and Molecular Biology Laboratory
Laboratory component of BIOL 4030.
Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2053, BIOL 4030 or concurrent; CHEM 2053.
- BIOL 4040** (3)
Environmental Microbiology
General microbiological principles emphasizing the nature of the microbial world, microbial metabolism, and energetics, microbial diversity, population interactions, human interactions. Emphasis is on the importance of micro-organisms in the biosphere.
Prerequisite: BIOL 2052 and CHEM 2052; A grade of C- or higher in any R&E A course.
- BIOL 4041** (1)
Environmental Microbiology Laboratory
Laboratory component of BIOL 4040.
Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2053, 4040 or concurrent; CHEM 2053.
- BIOL 4050** (3)
Developmental Biology
Developmental Biology is the study of early eukaryotic development of multi-cellular organisms, from fertilization to the development of primordial organ systems. The course will introduce students to several biological models currently used in laboratory research settings.
Prerequisite: A grade of C+ or better in BIOL 2050.
- BIOL 4090** (3)
Biometry
Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2052; MATH 1123, 3323, or SOC 3200.
- BIOL 4940** (3)
Biology Seminar
A critical analysis of recent biological literature. Includes formal seminars, informal group discussions, a comprehensive review article, and research project proposal.
Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2052. Senior standing.
- BIOL 4950** (1 to 3)
Biology Practicum
Senior practicum opportunity for students interested in working on special topics in biology under the direction of the biology faculty.
- BIOL 6090** (3)
Advanced Biometry
Biometry II begins with a review of univariate inferential statistics and introduces multivariate methods including multivariate analysis of variance, principle components analysis, multidimensional scaling, and cluster analysis. Graphical and tabular presentation of results and will be covered and students will analyze case studies provided by HPU graduate mentors. Analysis methods will be taught in the context of experimental design and hypothesis testing.
Prerequisite: BIOL 4090. Graduate standing.
- BIOL 6120** (3)
Ichthyology
Ichthyology is the study of fish biology. This course will cover areas of systematics, evolution, anatomy, physiology, behavior, ecology, biogeography, and conservation of fishes. This course will emphasize the incredible diversity of fishes and comparative study of adaptations in relation to the environment, focusing on the marine habitat.
Prerequisite: BIOL 2052. Graduate standing.
- BIOL 6170** (3)
Larval Biology
Biology of embryos, larvae and juveniles of marine animals including freshwater species with marine larvae. Topics include life history differences, evolutionary transitions between developmental modes, parental investment, and dispersal, feeding and settlement mechanisms. Methods of sampling, identification, culture and experimental study of common invertebrate and fish larvae will be emphasized.
Prerequisite: BIOL 2052.
- BR – Bridge**
- BR 1001, 1002, 1003** (1 ea)
International Education
This series of course modules develops an awareness of selected issues in international education. Students explore the meaning and purpose of education by examining how education is portrayed in short fiction and film from around the world. Students' previous educational experiences in their own countries will inform the international perspectives introduced in class. Coursework emphasizes critical thinking, visual literacy, and academic vocabulary development.

BR 1011, 1012, 1013 (1 ea)
Global Issues

This series of course modules develops an awareness of selected concepts which underscore contemporary issues of global concern. In project-based coursework, students examine topics, careers, people, history and geographical regions pertaining to the themes of foreign aid, emigrational dynamics, intercultural regulations and environmental degradations. Students are required to stay informed of current world news stories through following various national and international news sources. Students also undertake a modest research project based on secondary sources, writing their findings in a short essay using APA documentation.

BR 1021, 1022, 1023 (1 ea)
Cultural Studies

This series of course modules develops an awareness of selected concepts which are used to interpret cultures and cultural practices. Students examine cultural practices in the context of a changing, globalizing world as a means of reflecting on their own values and customs. Reflections are stimulated and supported by readings which address facets of selected cultures and individuals in transition. Students share their insights in discussions, field notes, journal writing, multimedia presentations, and an interactive poster session.

BR 1031, 1032, 1033 (1 ea)
Cultural Studies

This series of course modules develops an awareness of selected issues that influence the modern need for movement toward sustainability. Students examine how changes in one area can impact seemingly distant or unrelated areas, using the Hawaiian Islands as a model for this concept of inter-connectedness. Students also consider the personal choices they face with respect to sustainability, both as individuals and as members of larger communities. Additional features include service-learning experiences, creating presentations, and leading discussions that demonstrate each student's reflection and evaluation.

BUS – Business**BUS 1041, 1042, 1043** (1 ea)
International Travel and Tourism

The BUS 1040 series of course modules is designed to introduce International Bridge Program students to the tourism and hospitality industry by examining the infrastructure, service and marketing in these industries. Coursework focuses on the interdependence of hotel/resorts, food and beverage establishments, attractions, casino, meetings and conventions. Examples from Hawaii and international destinations are used in class.

BUS 1051, 1052, 1053 (1)
Business in Global Markets

The BUS 1050 series of modules is an introductory course in modern business. Emphasis is placed on basic business terms, concepts, principles, practices, organization structures, and functions of business. Class discussions focus on examples from Hawaii and around the world.

BUS 5000 (3)
Introduction to Economics and Statistical Analysis

The course uses theory and real world cases to examine the concepts of demand; pricing; the firm; market theory; interaction between markets; and the impact of government policy on macroeconomics outcomes. The students will also learn basic spreadsheet modeling, data analysis techniques, and statistical inference.

Prerequisite: Graduate standing.

BUS 5100 (3)
Introduction to Accounting and Finance

This course is as an introduction to accounting and finance fundamentals, financial planning and control and investment and financing strategies. Some of the topics included are financial statements analysis and cash flows, interest rate concepts and the time value of money, financial markets and market efficiency, cost of capital and financial structure.

Prerequisite: Graduate standing.

BUS 5200 (3)
Introduction to Management and Marketing

A general introduction to managerial process, business functions, fundamental marketing principles and policies. The first half of the course will focus on marketing functions and integration of marketing with other activities of the business enterprise. In the second part the focus will be on management activities.

Prerequisite: Graduate standing.

CHEM – Chemistry**CHEM 1000** (3)
Introductory Chemistry

An introductory survey of chemistry designed to equip students with information that will enable them to make rational, informed decisions about chemically relevant issues. Includes fundamental chemical principles as well as applications of chemical knowledge and the interactions between chemistry and society.

CHEM 1020 (3)
Introduction to Chemistry and the Environment

A one-semester introduction to chemistry for students with a major or minor in environmental studies. The course will stress basic chemistry with applications that relate to the environment and set chemistry in its political, economic, social, and ethical context.

CHEM 1021 (1)
Introduction to Chemistry and the Environment Laboratory

Laboratory component of CHEM 1020. This course will introduce and develop principles of quantitative and qualitative techniques and safety awareness and appropriate safety precautions. Laboratory experiments will be related to material covered in lecture and/or experimental techniques that are valuable tools for chemists.

Prerequisite: CHEM 1020 or concurrent. Corequisite: CHEM 1020.

CHEM 2030 (3)
Introduction to Organic Chemistry and Biochemistry

A basic introduction to organic chemical groups such as alkanes, alkenes, aromatic compounds, esters, acids, amines, and alcohols; molecules of special importance in the body such as carbohydrates, lipids, proteins, and enzymes.

Prerequisite: CHEM 1000 or CHEM 2052.

CHEM 2050 (3)
General Chemistry I

The first semester of a rigorous introduction to chemistry for students intending to major in the natural sciences. Includes topics related to the atomic-molecular basis of matter, the relationship of chemical reactions to the periodic table, states of matter, solution chemistry, acids and bases, and stoichiometry.

Prerequisite: A grade of C or better in any Com Skills A course; A grade of C or better in MATH 1130 or higher (or a math SAT of at least 550 or a math ACT of 24 or greater).

CHEM 2051 (1)
General Chemistry I Laboratory

Laboratory component of CHEM 2050.

Prerequisite: CHEM 2050 or concurrent.

CHEM 2052 (3)
General Chemistry II

A continuation of CHEM 2050. Includes chemical equilibrium, thermodynamics, electrochemistry, nuclear chemistry, coordination compounds, and the comparative chemistry of major groups of elements in the periodic table.

Prerequisite: CHEM 2050.

CHEM 2053 (1)
General Chemistry II Laboratory

Laboratory component of CHEM 2052.

Prerequisite: CHEM 2051*, 2052 or concurrent. (* must have a grade of C or higher).

CHEM 3010 (3)
Fundamental Organic Chemistry

A one-semester course in Organic Chemistry for students majoring in natural sciences. The course stresses nomenclature, structure, reactions, and basic syntheses within the common families of organic compounds.

Prerequisite: CHEM 2052; A grade of C- or higher in any R&E A course.

CHEM 3020 (3)
Physical Chemistry

Physical and mathematical principles of chemistry. Topics include the first and second laws of thermodynamics, free energy, phase equilibrium and chemical equilibrium.

Prerequisite: CHEM 2052; PHYS 2032 or 2052; MATH 2214 or higher except.

CHEM 3022 (3)
Physical Chemistry II

A continuation of CHEM 3020. Physical and mathematical principles of chemistry. Principle topics include 1.

Quantum Mechanics (atomic orbitals, molecular orbitals, quantization of rotational and vibrational motions, principles of molecular spectroscopy), 2. Kinetics (empirical rate laws, Arrhenius equation, reaction mechanics, collision theory, absolute reaction-rate theory) and 3. Statistical Thermodynamics (equipartition of energy, statistical behavior of molecules, canonical ensembles).

Prerequisite: CHEM 3020.

CHEM 3023 (1)
Physical Chemistry Laboratory

Laboratory component of Physical Chemistry. Exercises are designed to reinforce concepts learned in CHEM 3020 and 3022, ranging over topics from classical thermodynamics, kinetics, and molecular spectroscopy.

Prerequisite: CHEM 3020; CHEM 3022 or concurrent.

CHEM 3030 (3)
Organic Chemistry I

This is the first of a two-semester course on the chemistry of carbon-containing compounds. Organic molecules are the functional components of living organisms, the food we eat, the drugs we take, the clothes we wear, the fuels we burn, and most of the products in our lives. Students learn the basic language and tools for describing organic compounds and their reactions, including curved arrows, resonance, reaction schemes, energy diagrams, and structural drawings. Topics include bonding theories, acid-base chemistry, stereochemistry, and the nomenclature, structure, and reactivity of alkanes, alkenes, alkynes, and alkyl halides. Students also learn the theory, processing and interpretation of magnetic resonance spectroscopy.

Prerequisite: CHEM 2052; A grade of C- or higher in any R&E A course.

CHEM 3031 (1)
Organic Chemistry I Laboratory

Laboratory component of CHEM 3030. By applying concepts from the lecture course, students learn to synthesize, purify, analyze, and model organic compounds. Reactions include substitutions, eliminations, and additions. Analysis techniques include thin layer and gas chromatography, ultraviolet and infrared spectroscopy, mass spectrometry, and magnetic resonance spectroscopy. These techniques are used to test hypotheses relating to reaction mechanisms, purity, solubility, and biological activities.

Prerequisite: A grade of C- or higher in any R&E A course; CHEM 2053; 3030 or concurrent.

CHEM 3032 (3)
Organic Chemistry II

Continuation of CHEM 3030. Building on basic skills and concepts from the first semester, students learn the nomenclature, structure, and reactivity of alcohols, ethers, epoxides, conjugated alkenes, aromatic compounds, aldehydes, ketones, carboxylic acids, esters, amides, acid halides, and amines. Emphasis is given to reaction mechanisms, three-dimensional aspects of organic reactions, and multi-step syntheses of organic molecules. Students also learn the theory and interpretation of mass spectrometry and infrared spectroscopy, while expanding their knowledge of magnetic resonance spectroscopy. Students learn to integrate this data to determine the structures of organic compounds.

Prerequisite: CHEM 3030.

CHEM 3033 (1)

Organic Chemistry II Laboratory
Laboratory component of CHEM 3032.

Prerequisite: CHEM 3031, 3032 or concurrent.

CHEM 3040 (3)

Quantitative Analysis

Theoretical principles of techniques used in the separation and analysis of chemical substances. The course includes gravimetric, volumetric, spectrophotometric, electroanalytical, and ion-exchange methods.

Prerequisite: CHEM 2052; A grade of C- or higher in any R&E A course.

CHEM 3041 (2)

Quantitative Analysis Lab

Laboratory component of CHEM 3040.

Prerequisite: A grade of C- or higher in any R&E A course; CHEM 2053; 3040 or concurrent.

CHEM 3042 (3)

Instrumental Analysis

Lecture course on the use of instrumentation in chemical analysis. Chemical separation techniques covered include gas, liquid, thin layer, supercritical fluid, and size exclusion chromatography and electrophoresis. Spectrochemical techniques include ultraviolet-visible light and infrared absorption, fluorimetry, atomic absorption, and nuclear magnetic resonance). Additional methods include potentiometry, elemental analysis, and mass spectrometry.

Prerequisite: CHEM 3041.

CHEM 3043 (1)

Instrumental Analysis Laboratory

This course involves the laboratory use of instrumentation in chemical analysis, and interpretation and analysis of resulting data. Topics to be covered include various forms of chromatography including high performance liquid, gas, thin layer, size exclusion, and chiral-selective chromatography. Other topics include spectroscopic techniques, such as infrared and ultraviolet-visible absorption spectroscopy, fluorimetry, and other techniques such to include potentiometry and mass spectrometry.

Prerequisite: CHEM 3041.

CHEM 3050 (3)

Environmental Chemistry

Basic and applied chemistry of the lithosphere, hydrosphere, and atmosphere, with emphasis on natural global biogeochemical cycles and perturbations caused by human activities.

Prerequisite: A grade of C- or higher in any R&E A course; CHEM 2052.

CHEM 3054 (3)

Aquatic Chemistry

Applications of chemical principles to describe processes controlling the composition of natural water systems.

Prerequisite: CHEM 2052; CSCI 1011; MATH 2214 or higher except MATH 2326 or 3301; A grade of C- or higher in any R&E A course.

CHEM 3060 (3)

Inorganic Chemistry

The chemistry of non-carbon based compounds. Topics include atomic structure, periodic chemical and physical trends, covalent compounds, ionic compounds, thermodynamics, hydrogen bonding, acids and bases, organometallic compounds and coordination compounds.

Prerequisite: CHEM 3032.

CHEM 3990 (1 to 3)

Nonpaid Internship

See Internship Section.

CHEM 3991 (1 to 3)

Paid Internship

See Internship Section.

CHEM 4020 (3)

Advanced Organic Chemistry

This course will focus on modern organic synthesis strategies and methodologies, with a strong emphasis on mechanistic understanding of these reactions. Topics include advanced reactions and general synthesis strategies that are currently used in fields such as medicinal chemistry, biotechnology, materials science, agricultural science, food science and alternative fuels. Synthesis of natural products, traditionally one of the most important and challenging areas in organic chemistry, will be emphasized, with examples drawn from current primary literature.

Prerequisite: CHEM 3032.

CHEM 4030 (3)

Biochemistry I

Structure of biochemical macromolecules and their component molecules. Emphasis is on cellular metabolism and energy transformations.

Prerequisite: CHEM 3032.

CHEM 4031 (1 to 2)

Biochemistry I Laboratory

Laboratory component of CHEM 4030.

Prerequisite: CHEM 3033, 4030 or concurrent.

CHEM 4032 (3)

Biochemistry II

Biochemistry delves into the chemical aspects of living organisms. This course is the second half of a two semester survey of this vast and growing field. The structure and function of biological macromolecules, with an emphasis on enzyme function and metabolism, will be examined. Topics to be covered include advanced metabolism and biosynthesis, DNA (replication, transcription and translation) and gene expression.

Prerequisite: CHEM 4030.

CHEM 4033 (1)

Biochemistry II Laboratory

This course is the second semester of a two-semester laboratory sequence in biochemistry. It serves as the laboratory component of the associated lecture course CHEM 4032. The emphasis is on DNA related techniques such as the polymerase chain reaction (PCR) and gel electrophoresis (DNA fingerprinting). Students also have the opportunity

to carry out self-designed experiments and to report their results in a seminar format.

Prerequisite: CHEM 4031, 4032 or concurrent.

CHEM 4095 (3)
Biochemistry Seminar

This course is a critical analysis of recent biochemical literature. It includes formal seminars, informal group discussions, analysis of a comprehensive review article, and the development of a research proposal.

Prerequisite: CHEM 4032 or concurrent.

CHEM 4910 (3)
Senior Seminar

Senior Seminar is the first semester of a capstone sequence, preparing students for Senior Research. This course is designed to immerse students intensively in the primary literature of chemistry, to provide them with opportunities to present critical reviews and analysis of recent chemical research and to help them write and independent research proposal.

Prerequisite: CHEM 3032. Junior or Senior standing.

CHEM 4911 (2)
Senior Research

This course is the second in a capstone sequence for the chemistry degree (Senior Seminar and Senior Research), designed to expose students to 'real-world' research situations and environments. They will undertake interesting projects where the expected outcomes are unknown. This is an important extension from the laboratory courses they have taken to this point where the procedures and outcome are all fairly scripted. Students will choose a willing professor to work with. Students will present their finding in two forums: a seminar presentation and a written final report in addition to weekly updates.

Prerequisite: CHEM 4910.

CHEM 4920 (3)
Special Topics in Chemistry

Selected topics in chemistry for upper division science students. A single topic may be explored in depth, or a related series of topics may be addressed. May be team taught.

Prerequisite: CHEM 2052.

CHEM 4950 (1 to 4)
Practicum

CHEM 4951 (1 to 3)
Practicum

CHEM 4952 (1)
Practicum

CHEM 4984 (2)
Practicum

CHEM 6310 (3)
Marine Natural Products Chemistry

Marine microbes, algae, and invertebrates are productive sources of structurally diverse, biologically active, and ecologically significant natural products. This course will cover the structures, biosyntheses, biological activities,

isolation methods, and structure determination techniques for representative compounds from major structural classes including terpenoids, polyketides, alkaloids, and non-ribosomal peptides.

Prerequisite: CHEM 4030. Graduate standing.

CHIN – Chinese

CHIN 1100 (4)
Beginning Mandarin I

An introduction to written and spoken Mandarin. This is the first semester of a two-semester sequence.

CHIN 1200 (4)
Beginning Mandarin II

An introduction to written and spoken Mandarin. This is the second semester of a two-semester sequence.

Prerequisite: CHIN 1100.

CHIN 2100 (4)
Intermediate Mandarin I

Conversation, reading, grammar, and introduction to Chinese culture. This is the first semester of a two-semester sequence.

Prerequisite: CHIN 1200.

CHIN 2200 (4)
Intermediate Mandarin II

Conversation, reading, grammar, and introduction to Chinese culture. This is the second semester of a two-semester sequence.

Prerequisite: CHIN 2100.

CHIN 3100 (4)
Advanced Mandarin I

Further development of written and oral language skills and the study of literary and cultural writings.

Prerequisite: CHIN 2200.

CHIN 3200 (4)
Advanced Mandarin II

Further development of written and oral language skills and the study of literary and cultural writings.

Prerequisite: CHIN 3100.

CLST – Classical Studies

CLST 1000 (3)
Great Books, East and West

What is justice? What is truth? What is beauty? What does it mean to be a human being? These questions, and many others, will be pursued through the reading and discussion of foundational texts from the European and the Asian traditions.

CLST 2600 (3)
Greek and Latin Roots in English

The systematic study of the influence of ancient Greek and Latin on the vocabulary and grammatical structure of English. Also examined are the ways in which words are used for communication and how languages develop and change. For students in a wide range of fields, from life sciences and chemistry, to law and humanities.

Prerequisite: Any Com Skills A course.

CLST 3100 (3)
Female Figures in Classical Myth, Literature, and Religion

Study of female figures in the literary, mythical, and religious imaginations of the ancient civilizations around the Mediterranean Sea. Studied texts extend from the epics of Homer through the Greek gospels.

Prerequisite: Any Com Skills A course. Recommended: CLST 1000 or REL 1000.

CLST 3030 (3)
Ancient Drama

An examination of the evolution of theater in the Greco-Roman world, from its origins in ritual, to its growth as a civic event, and its development into a literary art form. Students will analyze ancient texts through close readings, essays, and in-class performances.

Prerequisite: WRI 1200.

CLST 4900 (3)
Seminar in East-West Classical Studies

An examination of selected topics in comparative study of pre-modern civilizations of Europe and Asia. Topics vary but may include the rise and fall of empires, ideas of law and the state, religious and philosophical movements, comparative literature, etc. In each case, students are acquainted with the pertinent primary source material in translation, as well as the works of modern authorities.

Prerequisite: WRI 1200 and upper-division standing.

CLST 4997 (1 to 3)
Directed Readings in Classical Studies
 Directed individualized readings.

COM – Communication

COM 1000 (3)
Introduction to Communication Skills

An introduction to communication that stresses career planning and development using the Myers-Briggs Type Indicator (MBTI) as an informative tool. Topics enhance student self-awareness and self-esteem while covering the fundamental skills of interpersonal, intercultural, and public communication in the workplace. Career services at HPU are also included.

COM 1200 (3)
Foundations of Communication Studies

The course provides an introduction to the field of human communication studies and a foundation for further study within the discipline. It introduces the core concepts, essential skills, and central issues in the field. The course examines the history of the discipline, essential communication skills, key communication theories, and contexts such as intercultural, relational, group, organizational, rhetorical, and mediated communication.

COM 1400 (3)
Critical Reading and Rhetoric

This course integrates research, writing, and oral communication skills through a semester long examination

of a current policy topic. With an emphasis on reasoning through argument, students will develop the understanding and ability to perform university level research and writing through a process of data collection, draft revision, and oral defense.

Prerequisite: Any Com Skills A course.

COM 1500 (3)
Public Speaking in a Mediated World

This course advances theoretical knowledge of communication processes and enhances understanding of the basic principles of and skills involved in oral communication within professional settings and situations. Fundamentals of effective oral communication are examined from both speaker and listener perspectives with emphasis on delivering presentations in a mediated environment. Students will apply fundamental knowledge of organizing, writing, and delivering oral presentations designed to entertain, inform, and persuade. The course also examines computer-mediated forms of communication and the influence of communication technologies on human interaction.

Prerequisite: Undergraduate standing.

COM 2000 (3)
Public Speaking

Instruction and practice in the principal modes of public speaking: interpretive reading, informational speech, persuasive speech, debate, and formal presentation with use of aids. Theories of oral communication are introduced, and critiques of presentations are provided.

Prerequisite: Any Com Skills A course.

COM 2010 (3)
Interpersonal Communication

COM 2300 (3)
Communication and Culture

This course examines the relationship between culture and communication in order to develop an understanding of the process of communicating across cultures. Communication patterns and practices enact or produce culture, and cultural patterns and practices produce communication. This relationship is especially important because, perhaps more than ever, an appreciation of communication processes is an essential factor in promoting positive intercultural relations.

Prerequisite: Any Com Skills A course.

COM 2500 (3)
Sex, Gender, and Communication

Through communication processes we form and maintain our sexual identities and gender roles. These identities and roles, in turn, influence our communication competence and style. This course examines the complexities of sex, gender, and communication in interpersonal relationships, educational environments, mass media, and the workplace. Students will study aspects of communication that influence individuals to behave in gender-specific ways, as well as sex differences in language use, conversational moves, and nonverbal behavior.

Prerequisite: Any Com Skills A course.

COM 2640 (3)**Argumentation and Debate**

Basic argumentation theory including burden of proof, logical analysis, research, strategies, and tactics of persuasive communication in the context of politics, business, and cultural venues; gathering and weighing evidence, reasoning, case construction, refutation; presentation of public address and debate.

Prerequisite: COM 1000 or 1200; Any Com Skills A course.

COM 3000 (3)**Mass Media**

An examination of the development of mass media and consideration of its interaction with technology. The course features specific media and considers contemporary research findings regarding the effects of media upon attitudes and behavior. Media strategies, messages, outcomes, and campaigns are all covered.

Prerequisite: A grade of C- or higher in any R&E A course; COM 1000, 1200, or ADPR 2000.

COM 3010 (3)**Advanced Career Skills**

Instruction and practice in various career skills involving both personal planning and interpersonal relations. Focus is on fine tuning and improving competence in such skill areas as time management, goal setting, informational interviews, negotiation, assertiveness, and networking.

COM 3200 (3)**Interpersonal Communication**

An overview covering the theories, strategies, and outcomes of interpersonal communication. Topics include: principles and practices of communication, message development, and communication strategies. Contemporary research findings that contribute to an understanding of interpersonal communication are also covered, and opportunities to practice effective communication techniques are provided.

Prerequisite: Any Com Skills A course; ADPR 2000, COM 1000, 1200, 2500, or JOUR 3000.

COM 3210 (3)**Mediated Interpersonal Communications**

This course examines the basic principles and skills of mediated interpersonal communication, specifically online communication in interpersonal settings. The fundamentals of mediated communication are examined with an emphasis on analyzing different forms of electronic media. Students will learn to organize, create, present, and analyze media designed to entertain, inform and persuade. Emphasis is given to the theory and application of mediated communication in individual and group contexts, on choice and organization of material, audience analysis, sound reasoning, style, and delivery of media. The course also examines the effects of computer-mediated forms of communication technologies on society.

Prerequisite: COM 3200; A grade of C- or higher in any R&E A course.

COM 3250 (3)**Communication Research**

An introduction to the logic, concepts, process, and meth-

ods of quantitative and qualitative research. This course provides both theory and application. Basic statistics and data analysis are also covered. Emphasis is on primary research frequently used in the communication field.

Prerequisite: A grade of C- or higher in any R&E A course.

COM 3260 (3)**Exploring Film**

An exploration of film: its power, potential, and limits as a medium of philosophic thought, as a means to moral and social insight, and as a tool in international understanding.

COM 3300 (3)**Intercultural Communication**

An exploration of how culture influences the way we perceive the world, think, value, and behave, and therefore how culture both facilitates and impedes communication. Special emphasis is placed upon cross-cultural communication.

Prerequisite: Any Com Skills A course.

COM 3320 (3)**Persuasion**

An exploration of how persuasion influences us through the mass media, public relations, marketing, advertising, and culture.

Prerequisite: COM 2000; ADPR 2000, COM 1000, or COM 1200.

COM 3340 (3)**Nonverbal Communication**

An exploration of nonverbal communication including semiotics, paralanguage, proxemics, kinesics, haptics, chronemics, eye contact, and facial expression.

Prerequisite: COM 1000 or 1200; A grade of C- or higher in any R&E A course.

COM 3350 (3)**Team Building**

Team building helps work groups function as a cohesive unit, promoting morale, communication, and productivity. This course provides theory and practice in how to build team commitment, improve communication, deal with team conflict, set team goals, and use creativity in problem solving and decision making.

Prerequisite: A grade of C- or higher in any R&E A course.

COM 3361 (3)**Environmental Communication**

Students will examine how environmental issues have been and continue to be framed and represented by various media, ranging from public relations to journalistic approaches. Students will learn how to report on and write about environmental issues in journalistic style and complete a final project based on hands-on work with HPU-affiliated Environmental Sciences faculty.

Prerequisite: JOUR 3300 or ENV 2000.

COM 3400 (3)**Communicating Professionally**

This course emphasizes epistemology and the basic pro-

cesses of communicating to general audiences in various media formats for informative and persuasive purposes. Special attention is given to research, media literacy, critical thinking, logical organization, and clear communication in written and orally presented reports, news releases, position papers, and feature articles.

Prerequisite: A grade of C- or higher in any R&E A course.

COM 3420 (3)

Business Communication

Writing of business documents, including reports, letters, and memos required to meet the needs of today's competitive business world. Research and documentation skills are reviewed. The course also includes units on teamwork, conflict management, interpersonal business communication, and cultural communication, and requires individual and team oral presentations.

Prerequisite: A grade of C- or higher in any R&E A course.

COM 3440 (3)

Advanced Public Speaking

An advanced course in public address that combines theory of rhetoric with application and experiential learning. Students evaluate various types of public speeches, present a broad spectrum of speeches, and critically evaluate reasoning and evidence.

Prerequisite: COM 2000.

COM 3470 (3)

This course offers instruction in PhotoShop. Images are created for the internet and print daily. Students will learn the software, and also the concepts of developing graphics that create aesthetically digital images for print. Students gain real life experience by creating digital illustrations for publication in the HPU newspaper, "The Kalamalama."

Prerequisite: MULT 2460.

COM 3500 (3)

Technical Communication

The development of written and oral skills focusing on communication of technical and scientific information to people with and without technical backgrounds.

Prerequisite: A grade of C- or higher in any R&E A course.

COM 3641 (3)

Argumentation and Debate Practicum

Students will learn and practice oral and written argumentation skills in a debate environment. Emphasis is placed on understanding and discussing controversial philosophical and pragmatic issues through research and weekly, extemporaneous oral defense and presentation of arguments. Students will participate in out of class debating events such as debating tournaments, public debates and workshops.

Prerequisite: Any Com Skills A course or concurrent..

COM 3650 (3)

Media Ethics and Law

A course designed to give students a basic understanding of what is legal and what is ethical when communicating

through the media. Ethical aspects of subject matter in the media will be explored.

Prerequisite: A grade of C- or higher in any R&E A course.

COM 3670 (3)

Legal Communication

This course brings the legal trial to the classroom, providing students an opportunity to incorporate an array of communication principles and skills with the experience of trial practice. Students are introduced progressively to key aspects of communication and litigation and participate in exercises that culminate in mock trials before a jury.

Prerequisite: ; A grade of C- or higher in any R&E A course.

COM 3680 (3)

Rhetorical Theory

This course provides a survey of major rhetorical themes and theories, including classical, symbolic, argumentation, critical, and non-Western approaches to rhetoric. Students will explore the relationship between rhetorical theory and practice, the contributions of rhetorical theory to the social world, and the potential for rhetorical studies to inform issues surrounding democratic governance, marginalized groups, social justice, and technology in society.

Prerequisite: COM 1000 or 1200; COM 2000.

COM 3750 (3)

Global Communication Cases

The utilization of current and historical problems, situation, and cases involving international mass communications systems: news, public relations, advertising, radio/TV, and promotion. Discussion includes ethical and practical solutions.

Prerequisite: A grade of C- or higher in any R&E A course; COM 3000.

COM 3760 (3)

Communication Futures

An examination of the effects of technology on communication, including mass media, telecommunications, and other emerging trends. The role of society and government in shaping future communication systems is examined.

Prerequisite: A grade of C- or higher in any R&E A course; COM 3000.

COM 3765 (3)

Introduction to Telecommunications

This course will allow a student to fully understand telecommunications and Internet principles. The course will provide the student with the tools required to understand, communicate and solve moderate to complex issues in real-life business organizations.

Prerequisite: COM 3000 and 3760; A grade of C- or higher in any R&E A course.

COM 3770 (3)

Media Literacy

Inquiry into media messages, be they informative, persuasive, or entertainment, shape cultural practices and legacies. Focus is on critiquing media messages in ways that reveal the distinctions and similarities between mediated and non-mediated messages. Various critical frameworks

(e.g., rhetorical, feminist, Marxist) will be examined and applied to media messages.

Prerequisite: A grade of C- or higher in any R&E A course; COM 3000.

COM 3900 (3)

Communication Theory

A course designed to give students a practical understanding of theories of the communication process from interpersonal relationships to mass media and advertising. Through hands-on projects and discussion, students apply theoretical constructs to media effects, advertising, persuasion, and motivation.

Prerequisite: COM 3000, 3250, 3680, or 3900. Senior standing..

COM 3910 (1 to 3)

Selected Topics in Communication

Course title, content, and prerequisites will vary. May be repeated when title and content have changed.

COM 3950 (3)

Communication Practicum

An internship offering actual experience in a professional setting. Students select internships in any area of communication including advertising, corporate communication, journalism, public relations, speech, theater, or visual communication. Supervision is both by a professional on site and by HPU faculty.

Prerequisite: 9 credits of upper-division communication courses, 2.7 GPA or above, and instructor approval.

COM 3990 (1 to 3)

Nonpaid Internship

See Internship Section.

COM 3991 (1 to 3)

Paid Internship

See Internship Section.

COM 4900 (3)

Seminar in Communication Criticism

A "capstone" course that allows senior communication students to use acquired skills on a longer in-depth paper. This course gives students the chance to use their chosen area of communication to create a portfolio-quality paper for graduate school and the job market.

Prerequisite: COM 3000, 3250, and 3680; A grade of C- or higher in any R&E A course.

COM 4990 (3)

Portfolio Development

A "capstone" course that allows senior visual communication students to use acquired production skill on a longer, in depth program. This course gives students the chance to use the technical and academic skills of creating video programming for clients and will provide a portfolio piece for students to use for graduate school and the job market.

COM 4997 (1 to 3)

Directed individualized readings.

COM 5050 (3)

Communication Writing

This is a graduate-level English writing course for students requiring additional experience prior to starting their graduate education in the College of Communication.

Prerequisite: Graduate standing.

COM 5060 (3)

Oral Presentations

This is a graduate-level English speaking course for students requiring additional experiences in academic and professional speaking situations to facilitate their graduate performance in the College of Communication.

Prerequisite: Graduate standing.

COM 6000 (3)

Introduction to Communication Studies

A survey course for the field of communication. This course provides an overview of the historical development of communication theory and practice, develops student skills as a critical listener and writer, and introduces vocabulary for describing and analyzing communication practices. Students also develop a preliminary prospectus for the thesis or professional project.

Prerequisite: Graduate standing.

COM 6010 (3)

Strategic Communication

A comprehensive view of strategic communication including persuasion theory, public relations, creativity, audience analysis, research, media selection and scheduling, script and copywriting, layout, budgeting, evaluation, and campaign management. The course explores the legal, regulatory, and ethical environment of advertising, current industry trends, and major contributors to the field.

Prerequisite: COM 6050 or 6250. Graduate standing.

COM 6050 (3)

Research Methods and Materials

A course that explores various methodologies used in communication research including experimental, qualitative, quantitative, and formative. Various techniques such as interviews, surveys, observation, historical, focus groups, and recall are included. Students also develop skills using various databases and communication research sources.

Prerequisite: COM 6000. Graduate standing.

COM 6060 (3)

Qualitative Research Methods in Communication

This course focuses on how we come to know in communication research through molding theories into descriptive, historical methodologies and applying those approaches onto specific artifacts.

Prerequisite: COM 6000, 6050, and 6400.

COM 6070 (3)

Quantitative Research Methods in Communication

This course focuses on methodologies and their applications, such as analyzing statistical data and applying inferential statistics to empirical research.

Prerequisite: COM 6000, 6050, and 6400.

COM 6080 (3)

Critical and Rhetorical Studies

This course gives students the skills needed to recognize the situational, substantive and stylistic rhetoric that cultural producers use to edify, persuade and entertain. Students will learn as well, how to explore the variety of rhetorical strategies used by audiences to make sense of media and cultural artifacts. The goal is to guide students towards contemporary views of language and visuality that are most conducive for success in the creative and critical tasks of professional careers in communication.

Prerequisite: COM 6000, 6050, or 6400. Graduate standing.

COM 6100 (3)
Integrated Communication

A survey of the dynamics, practices, and interrelationships among information outlets, consumers, and organizations while upon the base of current theories and models of communication. It provides a mix of the art and science of marketing, public relations, organizational communication, and the mass media and includes strategic applications for a variety of topics specific to public communication and the private sector.

Prerequisite: COM 6000, 6050, and 6400. Graduate standing.

COM 6200 (3)
Organizational Communication

An examination of organizational elements that affect communication including formal and informal hierarchies, corporate culture, conflict resolution, leadership style, and technology. It develops in students the ability to manage a diverse workforce, communicate effectively and efficiently in a group or through mass media, and plan strategic communication campaigns. Emphasis is on problem-solving and critical-thinking skills.

Prerequisite: COM 6000, 6050, and 6400; may be taken concurrently. Graduate standing.

COM 6250 (3)
Public Relations

This class is for graduate students interested in public relations as a discipline and field. The course will explore PR's foundations from history, theory, advocacy, and persuasion, including historical controversies, evolution from image-building and community action through marketing and financial positioning, risk & health, gender, ethics and management issues.

Prerequisite: COM 6000, 6050, and 6400. Graduate standing.

COM 6300 (3)
Corporate Communication

This course will examine corporate communication including formal and informal hierarchies, corporate culture, conflict resolution, leadership style, crisis management, and technology. Emphasis will be on problem-solving and critical-thinking skills.

Prerequisite: COM 6050 or concurrent; COM 6250. Graduate standing.

COM 6305 (3)
Crisis Communication

This course provides an in-depth study of key aspects of Crisis Communication, and prepares students to anticipate,

identify clues, and initiate pre-emptive programs for natural, financial, personnel and domestic terror threats. The course covers related research, strategic planning, presentations, media relations, government relations, and international relations.

Prerequisite: COM 6000. Graduate standing.

COM 6310 (3)
International Communication

This course will examine the elements that affect communication across cultural and national boundaries. It will investigate those effects on conflict development and management, leadership style, and technology. It will develop in students the ability to communicate effectively and efficiently when cross-cultural and world view boundaries.

Prerequisite: Graduate standing.

COM 6320 (3)
Health Communication

This course will explore the role of integrated communication in the health care field. It begins with an examination of the context of the communication program and activities, then examines the definitions and nature of communication, models and theory as appropriate to health care, the importance of behavior change and how communication is used to encourage it, the planning and programming of communication programs, and the elements of a health care communication.

Prerequisite: COM 6050 and 6250. Graduate standing.

COM 6400 (3)
Scholarly Communication

Focuses on the theory and practice of writing and presenting academic research papers including the elements of conducting rigorous research and writing to produce readable, strong research reports. Topics include the language of academic research and skills in summarizing, synthesis, defining terms, citing sources, and describing methods and casual relationships.

Prerequisite: COM 6000 and 6050; courses maybe taken concurrently. Graduate standing.

COM 6460 (3)
Design and Layout

Design and production of publications, advertising, and presentation materials using PageMaker software. Course includes: discussion of design principles; typography; use of color, layout, and paste-up techniques; printing processes, and paper selection; and theory of visual communication. Numerous publications are produced; however, no prior computer experience is required.

Prerequisite: COM 6000, 6050, and 6400. Graduate standing.

COM 6480 (3)
Digital Imaging

This course is designed to teach how to create digital illustrations for professional publication. The student will learn digital imaging using the software, Photoshop and Illustrator. Students will learn the software, concepts and theories of developing graphics that create relevant digital illustrations for print and web.

Prerequisite: Graduate standing.

COM 6500 (3)**Teaching Techniques**

This course will explore teaching and learning strategies including syllabus construction, content structure, assessment methods, learning and instructional methods and similar topics. Student will also have an opportunity to assist faculty in the delivery of undergraduate courses at HPU.

Prerequisite: COM 6000 and 6400.

COM 6510 (3)**Web Design**

In these times of exciting changes in media technologies, we all must understand the web and how humans processed information. We will look at the visual aspects of the web and apply these ideas on a final individual or group project for an actual client, from planning to execute.

COM 6540 (3)**History of American News Media**

This course is an examination of the history of American news media from Colonial times to the present. The course will place an emphasis on the role of decisive individuals; the theory of American democracy and the Fourth Estate; technology; economics; the creed of objectivity; First Amendment issues; political speech; ethics; the courts; wartime reporting; the treatment of ethnic groups; the cult of celebrity; and matters of taste.

Prerequisite: Graduate standing.

COM 6545 (3)**Literary Journalism**

An examination of the fictive techniques employed in the writing of American journalism. This can include newspaper hard news, features, magazine pieces, essays, memoir and non-fiction novels. The course will place an emphasis on writing techniques that many critics call "faction," research, and the writing of actual compositions of varying lengths that employ the narrative techniques of fiction writers.

Prerequisite: Graduate standing.

COM 6555 (3)**Photojournalism**

Students assemble their own photojournalism portfolio as they complete assignments based on those of professional photojournalists. This is a digital photojournalism course. Students supply their own cameras. Only digital cameras approved by the instructor may be used for this course. Technique, ethics, and legal considerations in photojournalism will be discussed.

Prerequisite: COM 6000, 6050, and 6400. Graduate standing.

COM 6600 (3)**Mediation and Conflict**

This study of mediation as facilitated communication examines how mediation can be used in various contexts as well as significant legal, ethical, and situational considerations. The course also provides an overview of the nature of conflict, conflict styles and patterns, management and resolution processes, and the role of communication.

Prerequisite: Graduate standing.

COM 6610 (3)**Persuasion and Negotiation**

This course examines the art and science of influence. Topics included sources of influence, managing power relationships, and the use of effective techniques of persuasion in mediation. Students also learn theoretical foundations and practical applications of negotiation strategies, processes, and skills. Students will participate in individual and group negotiations.

Prerequisite: Graduate standing.

COM 6620 (3)**Communication Strategies for Professionals**

This course focuses on communication strategies designed to promote productive interaction and competent management of disagreements in professional settings. Topics include the role of perception and its influence on communication and conflict, listening, and paraphrasing, verbal and nonverbal communication, gender and cultural differences, and working with people when their behavior is unpleasant or difficult.

Prerequisite: COM 6600 or concurrent. Graduate standing.

COM 6630 (3)**Mediation Practice**

This course focuses on the further development of mediation skills through intensive practice. Topics include convening the parties, delivering an articulate opening statement, conducting all stages of the mediation process, and drafting a cohesive written agreement. Students also work under the leadership of a professional mediator on actual mediation projects.

Prerequisite: COM 6600, 6610, and 6620 * (* may be taken concurrently). Graduate standing.

COM 6650 (3)**Communication Law and Ethical Theory**

This course will examine the historical development and practical applications of communication legal and ethical issues, requiring examination of American legal statutes, case law and media ethics. Focus will be on unique freedoms and responsibilities of the communication industry through lecture, research, and legal and ethical case study.

Prerequisite: COM 6000, 6050, and 6400; courses maybe taken concurrently. Graduate standing.

COM 6670 (3)**Communication and Legal Practice**

This course uses the courtroom as a context for the study of communication and conflict. Students will apply theories of verbal and non-verbal behavior, public speaking and persuasion, and small group behavior and communication, while managing conflict that occurs on multiple levels. Students will participate in progressively challenging legal activities, including case analysis, opening statement, witness examination, jury selection, and mock trial.

Prerequisite: COM 6000. Graduate standing.

COM 6700 (3)**Promotion Management**

A survey of promotional strategies for modern businesses including techniques for planning, budgeting, scheduling,

and implementing a coordinated promotional campaign of advertising, personal selling, sales promotion, and public relations.

Prerequisite: COM 6000, 6050, and 6400. Graduate standing.

COM 6710 (3)

Political Communication

This course is a comprehensive orientation to the field of political communication. Particular attention is devoted to rhetorical and propaganda analysis, attitude change studies, voting studies, government and the news media, functional and systems analysis, technological changes, campaign techniques, and research techniques.

Prerequisite: COM 6000, 6050, and 6400. Graduate standing.

COM 6720 (3)

The Dao of Rhetoric

This course challenges Eurocentric views that claim that rhetorical theory is a product of Athenian democracy. What many Western theorists overlook is that Daoism (Taoism) offers profound insights on human communication. This course examines the rich perspectives on rhetoric offered in philosophical Daoism through the texts of three Daoist sages.

Prerequisite: COM 6000, 6050, and 6400. Graduate standing.

COM 6760 (3)

Film Criticism

The study of film as a communication medium. Students will study film aesthetics, how those aesthetics give rise to rhetorical implications, explore various ways to approach the film artifact, how to identify the genre of the artifact, and critique the effectiveness of film.

Prerequisite: Graduate standing.

COM 6770 (3)

Media Criticism

The study of how we analyze and evaluate mediated messages. Students will learn how to properly experience an artifact, put it in its proper context, choose the appropriate model to evaluate and to apply that method to the example, being able to make a conclusion about whether or not the example effectively communicated.

Prerequisite: COM 6000, 6050, and 6400. Graduate standing.

COM 6910 (3)

Selected Topics in Communication

Course title, content, and prerequisites will vary. May be repeated when title and content have changed.

Prerequisite: Graduate standing.

COM 6970 (3)

Current Issues in Communication

This course will be taught seminar style, based on discussion of current issues in communication. Topics will vary weekly. Students will be assigned topics and will be expected to facilitate discussions on those topics. Other students should be prepared to actively participate in those discussions.

Prerequisite: COM 6000, 6050, and 6400.

COM 6990 (1 to 3)

Nonpaid Internship

Prerequisite: Graduate standing.

COM 6991 (1 to 3)

Paid Internship

Prerequisite: Graduate standing.

COM 7100 (3)

Professional Paper I

Initial design and development of the professional paper.

Prerequisite: COM 6000, 6050, or 6400; COM 6060 or 6070. Graduate standing.

COM 7150 (3)

Thesis I

Initial design and development of the academic thesis.

Prerequisite: COM 6000, 6050, 6400; COM 6060 or 6070. Graduate standing.

COM 7200 (3)

Professional Paper II

Final preparation and presentation of the professional paper. This will include oral presentation and defense of the paper.

Prerequisite: COM 7100. Graduate standing.

COM 7250 (3)

Thesis II

Final preparation and presentation of the academic thesis. This will include an oral presentation and defense of the thesis.

Prerequisite: COM 7150. Graduate standing.

COM 7290 (3)

Graduate Project

Students will apply knowledge and theory to the exploration and resolution of a communication problem faced by a company or organization. The student must create a strategic plan for solving the problem, implement the plan, and evaluate the results.

Prerequisite: COM 6000, 6050, and 6400. Graduate standing.

COM 7299 (1)

Continuing Thesis II Writing

This course will be a continuation of the COM 7250 Thesis II capstone seminar in which students will continue to research and write their thesis paper with guidance from their three committee faculty mentors approved during COM 7150/7250.

Prerequisite: COM 7150. Graduate standing.

COM 7300 (3)

Communication Seminar & Comprehensive Exam

This course is designed to provide the student with the opportunity to bring together all the elements of communication studied in the major portion of the MA-Communication. The specific topics will vary from year to year based on staffing, student interest, and significant issues in the field of communication.

Prerequisite: COM 6000, 6050, 6400, and 7300; COM 6060 or 6070. Graduate standing.

COOP – Cooperative Education**COOP 2990 (1)****Cooperative Education I**

Introductory supervised paid work experience for a minimum of 200 hours directly related to major. The student report and evaluation are assigned by an HPU instructor who assesses progress toward curricular and career objectives. Emphasis is on entry level work and the course is meant to be exploratory in nature.

Prerequisite: COM 1000 or concurrent.

COOP 2991 (1 to 3)**Cooperative Education II**

Advanced supervised paid work experience for a minimum of 200 hours directly related to major. The student report and evaluation are assigned by an HPU instructor who assesses progress toward curricular and career objectives. Emphasis is on entry level work and the course is meant to be exploratory in nature. Course may be repeated for credit.

Prerequisite: COOP 2990.

COOP 2992 (1 to 3)**Cooperative Education III**

Prerequisite: COOP 2991.

COOP 3990 (1 to 3)**Cooperative Education III**

Introductory supervised paid work experience for a minimum of 200 hours directly related to major. The student report and evaluation are assigned by an HPU instructor who assesses progress toward curricular and career objectives. Emphasis is on entry level work and the course is meant to be exploratory in nature.

Prerequisite: COM 1000 or concurrent.

COOP 3991 (1 to 3)**Cooperative Education III**

Advanced supervised paid work experience for a minimum of 200 hours directly related to major. The student report and evaluation are assigned by an HPU instructor who assesses progress toward curricular and career objectives. Emphasis is on entry level work and the course is meant to be exploratory in nature. Course may be repeated for credit.

Prerequisite: COOP 2990, 2991, or 3990.

COOP 6990 (1)**Cooperative Education IV**

Introductory supervised paid work experience for a minimum of 200 hours directly related to degree/concentration. The student report and evaluation are assigned by an HPU instructor who assesses progress toward curricular and career objectives. Emphasis is on entry level work and the course is meant to be exploratory in nature.

Prerequisite: MGMT 6100 or concurrent.

COOP 6991 (1 to 3)**Cooperative Education V**

Supervised paid work experience for a minimum of 200 hours directly related to degree/concentration. The student report and evaluation are assigned by an HPU instructor who assesses progress toward curricular and

career objectives. Emphasis is on entry level work and the course is meant to be exploratory in nature. Course may be repeated for credit.

Prerequisite: COOP 6990.

CSCI – Computer Science**CSCI 1011 (3)****Introduction to Computer Information Systems**

Students will learn to enhance their personal productivity and problem solving skills by applying information technologies to problem situations and by designing and using word processing, spreadsheets, and presentation software. Other topics include technology concepts and the impact of computer technology on society.

CSCI 1041 (3)**Digital Literacy in a Global Society**

This course gives students tools to be active participants in today's global culture of digital literacy. Students acquire technology skills to create digital products such as spreadsheets, presentations, and podcasts; analytical skills to understand, organize, and analyze numeric and graphic data; communication skills to convey information in a context appropriate to the receiving audience; and knowledge of international standards and treaties that govern rights and responsibilities in creating and disseminating original works. The course is presented in a global context with local details drawn from a variety of countries and cultures.

CSCI 1301 (3)**Discrete Mathematics for Computer Science**

An introduction to the theory and applications of discrete mathematics including set theory, functions, zero- and first-order logic, induction, proofs (including direct, by cases, contraposition, contradiction, counterexample), logical inferences, truth tables, sequences, summations, formal counting techniques, number theory, growth of functions and their asymptotic bounds, logarithms, and simple recurrence relations. Sample computer-programming topics include design; pseudocode; sorting, searching and other common algorithms; recursion; tracing; debugging; testing; trees; strings; encryption; and bitwise operations. This course provides foundation material for other courses that require mathematical problem-solving skills.

Prerequisite: MATH 1105 or higher. *Recommended:* CSCI 1011 or 1041.

CSCI 1911 (3)**Foundations of Programming**

An introduction to computer science and computer information systems in preparation to study computer programming and problem solving. Students are introduced to the foundations of algorithms required for intermediate level problem solving, and programming language elements and environments required to create, compile, and execute high-level language problems.

Prerequisite: MATH 990 or higher or an appropriate test score.

CSCI 2611 (3)**A Gentle Introduction to Computer Programming**

A gentle introduction to computer programming using a fun, popular, and powerful programming language such as Ruby or Python. Designed to teach computer programming to non-programmers, this course is also valuable to programmers. Students learn fundamental and universal programming concepts, as well as problem-solving and critical-thinking skills valuable for other courses and in life. Extensive programming assignments. Topics include: variables and assignment, basic data types, strings, arrays, conditional and iterative control structures, control flow, modularization, objects, methods, parameters, testing, and debugging. Mastery of Ruby or Python also provides a foundation for learning Web programming frameworks Rails or Django.

Prerequisite: CSCI 1011, 1041, or instructor permission; MATH 1105 or higher or an appropriate test score.

CSCI 2761 (3)**HTML and Web Design**

An introduction to HTML and website design. Students learn the mechanics and aesthetics of good web design while creating their own website projects. Topics include (X)HTML, text, graphics, page layout, style sheets, rich media, JavaScript, search engine optimization, Internet security, and web standards. Access to a computer with an Internet connection is essential.

Prerequisite: CSCI 1011 or 1041.

CSCI 2911 (3)**Computer Science I**

The fundamentals of algorithmic problem solving, plus structured and object-oriented programming. Topics include: problem analysis and decomposition; stepwise refinement; pseudocode and charting techniques; basic control structures and data types; modularization and parameter passing; object-oriented design and classes; introduction to GUIs, files and arrays; testing, program tracing, and debugging. Extensive programming assignments.

Prerequisite: CSCI 1911 and MATH 1105 or higher.
Recommended: CSCI 1011 or 1041; and MATH 1130.
Corequisite: CSCI 2916.

CSCI 2912 (3)**Computer Science II**

An intermediate problem-solving and programming course using the Java programming language. Topics include composite and abstract data structures, GUI beyond the basics, inheritance and polymorphism, aggregate classes, abstract classes and methods, interfaces, exceptions, recursion, and good software engineering practices such as: modular programming techniques, defensive programming, code archeology, documentation, code design based on customer specification, refinement, and testing. Structured and object-oriented programming methods are reinforced through extensive programming assignments. This course builds on CSCI 2911 and provides foundation material for CSCI 2913.

Prerequisite: CSCI 2911 and MATH 1130 or higher.

CSCI 2913 (3)**Data Structures**

Third course of the core problem-solving and programming sequence for computer science majors. Students advance problem-solving and programming skills by learning to separate solutions for computation problems into two fundamental parts: algorithm and data structure. Extensive programming assignments to create, implement, use, and modify programs that manipulate standard data structures. Topics include: abstract data types, big-O complexity, linked lists, stacks, queues, and trees, binary search trees, heaps, heapsort, hashing, and recursion.

Prerequisite: CSCI 2911, 2912; MATH 1140; and CSCI 1301 or MATH 3301.

CSCI 2916 (1)**Computer Science I Lab**

Lab component to accompany CSCI 2911. This course will provide directed lab exercises for students to improve their understanding of the content of CSCI 2911 and their skills in creating and debugging computer programs.

Prerequisite: CSCI 2911 or concurrent; MATH 1105 or higher. *Recommended:* CSCI 1011 or CSCI 1041 or concurrent; MATH 1130.

CSCI 3001 (3)**Assembly Language and Systems Programming**

Students learn about the internal organization of modern computers and assembly-level programming on contemporary processors. Topics include: integration of assembly language with high-level programming languages such as C and C++, runtime stack, pointers, efficient coding strategies, and assembly language as the foundation for higher-level programming languages. Course material is reinforced by programming assignments.

Prerequisite: CSCI 1301 or MATH 3301; CSCI 2911.

CSCI 3101 (3)**Algorithms**

This course covers the analysis and design of algorithms. Good algorithm design is crucial for software performance. Topics include: efficiency analysis; big-O, omega, and theta notation for asymptotic upper, lower, and tight bounds on algorithm time complexity; recurrence equations; proof by induction and contradiction; brute-force, greedy, and divide-and-conquer algorithms; sorting algorithms including heapsort, mergesort, quicksort; graphs, trees, heaps; binary search; breadth and depth-first search; Dijkstra's shortest-path algorithm; minimum spanning trees, Prim's algorithm; maximum network flow; dynamic programming; tractable and intractable problems; NP-complete problems and the P and NP classes; uncomputable functions. In-depth programming assignments.

Prerequisite: CSCI 2911, 2912, 2913; MATH 1130 and 1140, or 1150; CSCI 1301 or MATH 3301.

CSCI 3106 (3)**Programming Challenges**

Students solve and implement advanced programming problems covering a wide range of algorithmic topics. The course is structured around preparation to participate in an annual programming contest conducted by the Association for Computing Machinery (ACM). CSCI 3106 complements CSCI 3101, Algorithms, by providing

students with less theoretical, more hands-on problem solving and programming. Topics include: data structures, strings, sorting, arithmetic and algebra, combinatorics, number theory, backtracking, graph algorithms, dynamic programming, grids, and geometry.

Prerequisite: CSCI 2911 and 2912.

CSCI 3201 (3)

Information Management Using Spreadsheets and Databases

Students obtain experience managing information using spreadsheet and database software applications for business and personal productivity through a problem-solving approach. Spreadsheet topics include formulas and functions, nested functions, representation of dates and date arithmetic, IF functions and nested IF functions, loan payment calculations, relative and absolute cell references, basic charts, filtering, what-if analysis such as goal seek and data tables. Database topics include tables, queries, forms, reports, relationships (one-to-many and many-to-many), primary and foreign keys, and validation. General topics include application design, testing and correctness, reliability, and usability.

Prerequisite: CSCI 1011 or 1041.

CSCI 3211 (3)

Systems Analysis

An overview of the systems development life cycle with emphasis on techniques and tools of system specifications. The course covers the strategies and techniques of modern systems development.

Prerequisite: CSCI 2911, 2912, and 3301.

CSCI 3242 (3)

Modeling and Simulation

This course introduces concepts of analytic modeling and computer simulation. It encompasses mathematical techniques, algorithms, and applications available to assist and improve decision making and understanding of various types of systems. Sample topics include discrete event simulation, mathematical and computational modeling, virtual reality, and GUI simulations. Models will progress sequentially through steps such as problem statement, formalization, implementation and simulation, visualization, and comparisons to analysis, experiment and observation. Students work on projects drawn from a variety of areas such as management, behavioral, and natural sciences; applied mathematics; engineering; gaming; computer networking; and scheduling.

Prerequisite: CSCI 1301 or MATH 3301; or MATH 1123 and 2214; CSCI 2911, 2611, or consent of instructor.

CSCI 3301 (3)

Database Technologies

An introduction to the design, development, and implementation of database management systems (DBMS). Topics include conceptual data modeling, logical and physical design, the relational model, normalization, SQL and high level language programming, transaction processing and concurrency control, database architecture, data warehouses, and database administration. Upon successful completion of this course the student will be able to design and implement database solutions for future academic or industry projects.

Prerequisite: CSCI 1011 or 1041; CSCI 2911; and CSCI 1301 or MATH 3301.

CSCI 3302 (3)

Data Mining and Knowledge Engineering

An introduction to the discovery of knowledge through data mining and knowledge engineering. These techniques have widespread practical importance in domains such as bioinformatics, genetics, medicine, natural sciences, engineering, business, marketing, intelligence gathering, and computer security. General topics include: basic statistics, machine learning, data warehouse structure and design, the knowledge discovery process, data coding, data mining and knowledge engineering approaches and mathematical techniques, pattern recognition, and mitigating the impact of missing data and noise on knowledge discovery. Possible specific topics include: DNA sequencing, customer satisfaction, credit card and cell phone fraud, computer forensics, spatial applications, Bayesian networks, and surveillance.

Prerequisite: CSCI 1301 or MATH 3301; or MATH 1123 and 2214; and CSCI 2611 or 2911.

CSCI 3401 (3)

Data Communications

An examination of the principles of data communications for computers and computer terminals, including data transmission performance, communications software, protocols, switching, and simple networks.

Prerequisite: CSCI 2911, 2912; MATH 1105, MATH 1123, MATH 1130; and CSCI 1301 or MATH 3301.

CSCI 3501 (3)

Computer Organization

A computer is regarded as a hierarchy of levels, each one performing a well-defined function. This course provides detailed coverage of the digital logic, micro-architecture, and instruction-set architecture levels. Students are required to implement a simulator for a microprogrammed computer architecture using a contemporary high-level object-oriented programming language.

Prerequisite: CSCI 2911, 3001; CSCI 1301 or MATH 3301.

CSCI 3601 (3)

Operating Systems

An introduction to the fundamental processes of operating systems, covering system structure, process creation and management, memory allocation and management, scheduling, I/O, and device drivers.

Prerequisite: CSCI 2911, 2912, 2913, 3001, 3501; CSCI 1301 or MATH 3301.

CSCI 3611 (3)

Unix Systems Administration

This course covers the Unix operating system and system administration responsibilities. Topics include: system startup and shutdown, managing startup services, hard drive partitioning and filesystem concepts, file management, user administration, networking and applications installation and administration, shells and scripts, regular expressions, performance monitoring and tuning, logs, basic system security, and kernel reconfiguration. Extensive hands-on assignments.

Prerequisite: CSCI 1301 or MATH 3301; CSCI 2911.

CSCI 3621 (3)
Networking

This course describes how voice, data, image, and video information are communicated through networking, how it is accomplished, protocol and network configuration, and LAN system software.

Prerequisite: CSCI 2911, 2912, 3001, and 3401; MATH 1123 or 3323; MATH 1130 or higher.

CSCI 3632 (3)
Internet Programming

This course focuses on strategies for providing secure, reliable, and useful Web-based applications. Topics include: the development of dynamic Web sites; client-side programming; server-side programming; back-end databases; RESTful Web services; secure transaction processing; other features of commercial quality web sites; and selected current topics such as Google Maps, Facebook, and Twitter APIs. Extensive programming assignments.

Prerequisite: CSCI 2911 and 2912.

CSCI 3640 (3)
Computer Security and Information Assurance

The assessment of potential security threats to computer systems. Topics include: controlling site and system access; protecting and maintaining data integrity; environmental/facility considerations such as power and climatological factors; assessing intrusion detection consideration; theft, espionage, sabotage, and incompetence; backups and alternative systems.

Prerequisite: CSCI 2911; CSCI 1011 or 1041; MATH 1123.

CSCI 3651 (3)
Game Programming

An introduction to the many types of computer game programming. This course reviews the computer-science theory and programming behind classic games such as Tetris and Space Invaders, genre creators such as SimCity and Civilization, as well as modern techniques behind sophisticated games such as Quake, Grand Theft Auto and Red Dead Redemption. Students get hands-on experience creating 2D games in JavaScript/HTML5 and 3D games in systems such as the Unreal Engine. Course also briefly covers interactive narrative text adventures, mobile games and game Artificial Intelligence.

Prerequisite: CSCI 2911 and 2912.

CSCI 3721 (3)
C#

This course provides the fundamental skills that are required to design and develop object-oriented applications for the Web and Microsoft Windows using C#, the Microsoft Visual Studio .Net development environment and Microsoft Foundation Classes. Business and scientific problems are solved through object-oriented analysis and design using features inherent to C# and .Net.

Prerequisite: CSCI 2911 and 2912.

CSCI 3722 (3)
C# II

This course covers the major topics for Windows client

application programming using the .NET Framework. Topics include: Windows Forms, Microsoft Foundation Classes, simple data access, interoperating with unmanaged code, threading and asynchronous programming issues, simple remoting, Web access, Web Services consumption, debugging, security, and development issues for desktop applications.

Prerequisite: CSCI 2911, 2912, and 3721.

CSCI 3723 (3)
Visual Basic

An introduction to scientific and business problems that are solved through software engineering techniques and the capabilities inherent in the language presented. Topics may include: functions, structures, formats, exception handling, I/O, objects, and recursion, where applicable.

Prerequisite: CSCI 2911 and 2912.

CSCI 3724 (3)
Visual Basic II

An advanced course that draws upon concepts and skills mastered in CSCI 3723. Sophisticated and complex applications of the language and interfaces presented are featured. Major topics may include: routine optimization, modular integration, GUI, large scale implementation, multitasking, and multiprocessing.

Prerequisite: CSCI 2911, 2912, 3723.

CSCI 3731 (3)
Problem Solving and Programming Using C++

An advanced problem-solving and programming course with emphasis on the systems programming features provided by the C++ programming language. Objects, memory management, and systems programming are stressed. Extensive programming assignments are required

Prerequisite: CSCI 2911 and 2912.

CSCI 3753 (3)
Java

An introduction to scientific and business problems that are solved through software engineering techniques and the capabilities inherent in the language presented. Topics may include: functions, structures, formats, exception handling, I/O, objects, and recursion, where applicable.

Prerequisite: CSCI 2911 and 2912.

CSCI 3754 (3)
Java II

An advanced course that draws upon concepts and skills mastered in CSCI 3753. Sophisticated and complex applications of the language and interfaces presented are featured. Major topics may include: routine optimization, modular integration, GUI, large scale implementation, multitasking, and multiprocessing.

Prerequisite: CSCI 2911, 2912, 3753.

CSCI 3771 (3)
Python

An introduction to programming in the popular Python programming language. Topics include data types, simple statements, control structures, strings, functions, recursion, the Python interpreter, system command lines and files, module imports, object types, dynamic typing,

scope, classes, operator overloading, exceptions, testing and debugging. The course will enable students to program fluently in Python and move on to advanced topics such as programming collective intelligence and natural language processing. Mastery of Python also provides a foundation for learning the Web programming framework Django.

Prerequisite: CSCI 2911 and 2912.

CSCI 3776 (3)

Ruby on Rails

This course covers the fun, popular, and powerful Web programming framework Ruby on Rails, which enables programmers to rapidly develop sophisticated websites with databases. Topics include: Ruby programming language, embedded Ruby, Model-View-Controller (MVC) software architectural pattern, Rails directory structure, database object-relational mapping (ORM) using active records, database migrations, maintaining user state with database sessions, asynchronous JavaScript and XML (Ajax) development techniques for interactive Web applications, testing, and debugging. Extensive programming assignments to create websites with relational databases.

Prerequisite: CSCI 2912.

CSCI 3990 (1 to 3)

Nonpaid Internship

See Internship section.

Prerequisite: CSCI 2911, 2912.

CSCI 3991 (1 to 3)

Paid Internship

See Internship section.

Prerequisite: CSCI 2911, 2912.

CSCI 4701 (3)

Introduction to the Theory of Computation

Students will learn about formal models of computation and how these are used as the basis for the design of all computer systems and programming languages. Students will gain practical hands-on knowledge of computation theory as it applies to programming language translation (compilers and interpreters). To help comprehend virus protection programs and computer security, the creation of self-replicating programs (the basis of most viruses) will be explored. Students will learn how computational problems are classified as solvable, unsolvable, tractable, and intractable. The material covered ties together the theory of computer base computation and the application of this theory to problem solving and programming.

Prerequisite: CSCI 3101; CSCI 1301 or MATH 3301.

CSCI 4702 (3)

Mobile Programming

A course on the programming of applications for mobile computing including devices such as mobile phones, pads, and tablets. Students will learn best practices in programming for mobile devices including iPhones, iPads, and Android smart phones. At the end of the course students will be proficient in developing mobile applications and using device emulators for coding and testing. This course will at times include joint projects with students in the mobile design course, MULT 4702.

Prerequisite: CSCI 2911, 2912.

CSCI 4705 (3)

Artificial Intelligence

This course provides an introduction to Artificial Intelligence (AI), an area of computer science that tackles problems requiring human intelligence. In recent years, AI has become pervasive in society, and is found in applications such as automated phone operators, map directions, face recognition of photos, and product recommendations. This course focuses on real-world applications such as expert systems, chatbots, computer game AI, natural language processing, knowledge representation, automated reasoning, machine learning, search, planning and decision making. In-depth programming assignments.

Prerequisite: CSCI 2911, 2912, and 2913.

CSCI 4911 (3)

Software Project I

A lecture and project-oriented course dealing with the application of the principles, skills, and art of the design and construction of software systems in a realistic environment. Topics include: modern software development strategies; integrating program subsystems into efficient and aesthetic systems; systems standardization; information engineering; and testing.

Prerequisite: CSCI 2911, 2912, 2913, 3001, 3211, 3301, 3401, 3501, 37XX; MATH 1123; MATH 1140 or 1150; MATH 3301 or CSCI 1301; and last semester before graduation.

CSCI 4921 (3)

Software Project Management

A lecture and project-based course dealing with the application of principles, skills, and the art of managing a software development project in a realistic environment. Topics include: software development models and economics, team effectiveness, software life-cycle phases, determination of software requirements, software development metrics and standards, testing, and documentation.

Prerequisite: CSCI 2911, 2912, 3201, 3211, 3301, 3401; ECON 3020; MATH 1123, 1130, 2326; MGMT 1000, 3100, 3400; and last semester before graduation.

CSCI 4931 (3)

Systems Administration

A lecture and project-oriented capstone course dealing with the principles, construction, monitoring, maintenance, testing, and art of system administration, for open and closed client and server systems. Topics include: project management, security, system accounting, system maintenance, services, diagnostic methods, security, and disaster recovery.

Prerequisite: CSCI 3601, 3621.

CSCI 4997 (1 to 3)

Directed Readings in Computer Science

Directed individualized readings.

Prerequisite: Consent of instructor.

ECON – Economics

ECON 1000 (3)

Naked Economics

This course introduces the core tenets of economic thought through a variety of disciplines, media, and mechanisms.

Primary economic topics include: incentives and choice, the functioning of markets, public policy, poverty, fairness, information, and social choice theory.

ECON 1010 (3)

Introduction to Global Economic Issues

This course will introduce students to the economic forces and controversies behind globalization. It will also provide background to students for an increased awareness and sensitivity to multicultural communities. Students are expected to develop skills for critical analysis of the elements of prosperity, sustainability, and conflict.

ECON 2010 (3)

Principles of Microeconomics

A general introduction to microeconomics, the study of individual consumers, groups of consumers, and firms. This course examines: demand theory; the theory of the firm; demand for labor; market theory; interaction between markets; and welfare economics.

Prerequisite: Any Com Skills A course; MATH 1105 or higher.

ECON 2015 (3)

Principles of Macroeconomics

A general introduction to macroeconomics, the study of the aggregate economy. This course examines: how levels of output, employment, interest rates, and prices in a nation are interrelated; what causes these levels to change; and the use of policy measures to regulate them.

Prerequisite: MATH 1105 or higher; Any Com Skills A course.

ECON 3010 (3)

Intermediate Microeconomics

An advanced treatment of the major topics of microeconomics with additional emphasis on the free market, private enterprise, competition, and international trade and finance. Subject matter includes: theory of the firm, consumer behavior, resource allocation, profit maximization, and optimal pricing criteria.

Prerequisite: ECON 2010, 2015; MATH 2214 or 2326; A grade of C- or higher in any R&E A course.

ECON 3015 (3)

Intermediate Macroeconomics

An advanced discussion of topics covered in macroeconomics, including: relationships among output, employment, interest rates, and prices; cause of change in these levels; role of government. Special emphasis on the distinctions among the Classical, Keynesian, Neoclassical, and Monetarist schools of thought.

Prerequisite: ECON 2010, 2015; MATH 1130 or higher; A grade of C- or higher in any R&E A course.

ECON 3020 (3)

Managerial Economics

The application of economic theory to managerial practices including both public and private sector management. Various topics revolve around the nature of market structures and the business environment including: barriers to entry, product differentiation, and exclusivity. Topics include: supply and demand analysis, profit maximization in varying market structures, and the role

of competition.

Prerequisite: ECON 2010, 2015; MATH 1123, 2326.

ECON 3100 (3)

Introduction to Econometrics

A study of the analysis of quantitative data, with special emphasis on the application of statistical methods to economic and business problems.

Prerequisite: ECON 2010, 2015; MATH 1123; A grade of C- or higher in any R&E A course.

ECON 3110 (3)

Game Theory

An introduction to the tool of game theoretic analysis with a strong emphasis on applications. The course covers both static and dynamic games as well as games with varying degrees of information. The breadth of applications spans labor economics, international trade, environmental economics, industrial organization, corporate finance, and public choice.

Prerequisite: A grade of C- or higher in any R&E A course; ECON 2010.

ECON 3200 (3)

Industrial Organization

An advanced course in modern industrial organization that studies the rational functioning of markets. Topics include: coverage of price discrimination; vertical control; price competition; entry and accommodation; reputation; predation; and the adoption of new technologies.

Prerequisite: ECON 2010 and 2015.

ECON 3220 (3)

Labor Economics

An extensive study of the labor market, this course begins with an overview of demand and supply in labor markets and then explores a variety of topics including the relationship between pay and productivity; the earnings of women and minorities; collective bargaining; earnings inequality; and the economic impact of unemployment.

Prerequisite: A grade of C- or higher in any R&E A course; ECON 2010 and 2015.

ECON 3300 (3)

Money and Banking

A focus on the study of money: its nature, its function in society, its role in the economy. Representative units include; commercial banking; central banking; international banking; the Federal Reserve System; and credit and its effect and regulation.

Prerequisite: A grade of C- or higher in any R&E A course; ECON 2010 and 2015.

ECON 3310 (3)

Public Finance

An analysis of government expenditures, redistribution programs, budgetary process, and financial methods; their economic impacts; and their political ramifications. Topics include: taxation and its economic effects; fiscal policy; and intergovernmental fiscal relations.

Prerequisite: ECON 2010 and 2015* (* may be taken concurrently); A grade of C- or higher in any R&E A course.*

ECON 3400 (3)**International Trade and Finance**

An advanced economics and finance course surveying topics in international trade and finance. Topics include: international trade theories; impacts of free trade, tariffs, quotas, and exchange controls; foreign exchange markets; balance of payments; and international monetary arrangements.

Prerequisite: ECON 2010 and 2015; A grade of C- or higher in any R&E A course.

ECON 3409 (3)**Contemporary Issues in the Hawai'i Economy**

Course analyzes various issues in today's Hawai'i economy. Topics include, but might not be limited to: economic diversification, the future of tourism, agriculture, high-tech, the military, construction, the local airlines, other industries, the role of government and taxation, the business climate, Neighbor Island economies, Hawaiian sovereignty.

Prerequisite: ECON 2010 or 2015. Undergraduate standing.

ECON 3410 (3)**International Monetary Relations**

An advanced course surveying topics in international monetary relations. Topics include: balance of payments; foreign exchange markets; international payments adjustment; past and present international and European monetary arrangements.

Prerequisite: ECON 2010 and 2015.

ECON 3420 (3)**Economic Development**

The study of the economic development theory and problems faced by less developed countries trying to achieve economic development. The influence of population, entrepreneurship, and values are also examined.

Prerequisite: A grade of C- or higher in any R&E A course; ECON 2010 and 2015.

ECON 3430 (3)**Environmental Economics**

Economic principles applied to the analysis of contemporary environmental problems and their potential solutions.

Prerequisite: A grade of C- or higher in any R&E A course; ECON 2010.

ECON 3500 (3)**History of Economic Thought**

An examination of the historical underpinnings of the private enterprise system, its characteristics, vitality, and dynamism in the context of classical and democratic capitalism. The dynamic system is examined in relation to the freedom and welfare of the individual and the society. Theorists such as Adam Smith, Karl Marx, John Maynard Keynes, Ludwig von Mises, and Milton Friedman, among others, are examined.

Prerequisite: A grade of C- or higher in any R&E A course; ECON 2015.

ECON 3900 (3)**Economic Issues of Asia**

Contemporary issues such as trade, immigration, development, and international institutions of concern to Asian economies.

Prerequisite: A grade of C- or higher in any R&E A course; ECON 2015.

ECON 3990 (1 to 3)**Nonpaid Internship**

See Internship Section.

ECON 3991 (1 to 3)**Paid Internship**

See Internship Section.

ECON 4450 (3)**The World Economy**

An examination of the complex set of internal and external variables that shape the progress and interrelatedness of economies of the world at various stages of development. Specific reference is made to selected data and reports.

Prerequisite: ECON 2010 and 2015; A grade of C- or higher in any R&E A course.

ECON 4900 (3)**Seminar in Economics**

A seminar in which students participate in class discussions and give oral presentations on contemporary economic issues. In addition, students will prepare a research paper on a topic of their choice. The issues discussed will vary depending on the course instructor and student interests.

Prerequisite: ECON 3010 or 3020; ECON 3015. Senior standing.

ECON 4997 (1 to 3)**Directed Readings in Economics**

Directed individualized readings.

ECON 6000 (3)**Economics for Business**

Microeconomic and macroeconomic issues relevant to business managers. The course provides the tools necessary for efficient business decision-making and for an understanding of the economic environment in which business enterprises must operate. Topics include market structures, pricing strategies, cost analysis, monetary and fiscal policies, and the open economy.

Prerequisite: BUS 5000. Graduate standing.

ECON 6020 (3)**Managerial Economics**

Advanced applications of economic concepts in business decision-making. Oral and written presentations by seminar participants. Major topics include: practical applications of the theory of the firm; business decision-making under risk and uncertainty; demand analysis and consumer behavior; techniques in demand estimation production analysis; cost analysis; profit measurements; planning and control; pricing strategies; and competitive strategies. Case studies based on actual business and economic conditions.

Prerequisite: ECON 6000 and MGMT 6050. Graduate

standing.

ECON 6200 (3)

Industrial Organization

An intensive analysis and evaluation of the theories, quantitative measures, and institutional descriptions associated with the structure, conduct, and performance that characterize industry. The operations of the business firms are studied, including advanced principles of price and distribution theory and the determinants and consequences of market power.

Prerequisite: ECON 6000 and MS 6000. Graduate standing.

ECON 6210 (3)

Economics of Managerial Strategy

An analysis of the determinants and nature of strategy. This course considers how the structure of a firm's industry affects its strategic choices and optimal behavior. Topics discussed include: aspects of pricing, entry, and exit in concentrated industries; and product differentiation, advertising, and technological change as competitive strategies.

Prerequisite: ECON 6000. Graduate standing.

ECON 6400 (3)

International Trade and Finance

An advanced study of selected problems in international trade including: trade theory and policy; current issues in free trade vs. protectionism; trade and economic growth; the international monetary system; multinationals and international capital mobility; issues and prospects.

Prerequisite: ECON 6000. Graduate standing.

ECON 6410 (3)

International Financial Markets

Explorations of the functions of the international financial markets. Course topics include: foreign exchange rates and their determination; international payment adjustments; currency futures; international arbitrage; and international cash management.

Prerequisite: ECON 6000. Graduate standing.

ECON 6450 (3)

The World Economy

An examination of the complex set of internal and external variables that shape the progress and inter-relatedness of economies of the world at various stages of development.

Prerequisite: BUS 5000. Graduate standing.

ECON 6700 (3)

Economics of Electronic Commerce

Students develop a strategic understanding of the evolving electronic marketplace based on fundamental economics of the digital economy. This is accomplished by working on case studies, group projects, and individual research papers. Topics include electronic payment systems, pricing of service providers, and examining risk associated with uncertainty of product quality.

Prerequisite: ECON 3010 and 3020. Graduate standing.

ECON 6990 (1 to 3)

Nonpaid Internship

See Internship Section.

Prerequisite: Graduate standing.

ECON 6991 (1 to 3)

Paid Internship

See Internship Section.

Prerequisite: Graduate standing.

ECON 6997 (1 to 3)

Directed Readings in Economics

Directed individualized readings.

Prerequisite: Graduate standing.

ED – Education

ED 2000 (3)

Provide an introduction to the knowledge, skills, and dispositions that characterize the profession of education. Highlights the social, political, legal, historical, philosophical, and curricular foundations of American education.

Prerequisite: A grade of C- or higher in any R&E A course.

ED 2300 (3)

Provides an introduction to general principles of reflective teaching. Focuses on the recursive process of planning, teaching, assessment of student learning, and reflection on professional practice. Emphasizes strategies for effective classroom management and teaching. Culminates in the delivery of a lesson plan in a school setting.

ED 3200 (3)

Education Research and Writing

An overview of the major concepts, principles, theories, and research related to the growth and development of children and young adolescents so that teacher candidates may construct learning opportunities that support the intellectual, psychological, and social development of diverse learners.

ED 3400 (3)

Arts for Elementary Education

An introduction to teaching strategies that facilitate effective learning experiences in arts classes. Major areas of focus include curriculum theory and practice, instructional design, classroom management, assessment of student learning, and reflective teaching.

ED 3420 (3)

Language Arts for Elementary Education

An introduction to teaching strategies that facilitate effective learning experiences in language arts classes. Major areas of focus include curriculum theory and practice, instructional design, classroom management, assessment of student learning, and reflective teaching.

ED 3421 (3)

Reading for Elementary Education

An introduction to teaching strategies that facilitate effective learning experiences in reading assessment. Major

areas of focus include curriculum theory and practice, instructional design, classroom management, assessment of student learning, and reflective teaching.

ED 3440 (3)

Mathematics for Elementary Education

An introduction to teaching strategies that facilitate effective learning experiences in mathematics classes. Major areas of focus include curriculum theory and practice, instructional design, classroom management, assessment of student learning, and reflective teaching.

ED 3450 (3)

Science for Elementary Education

An introduction to teaching strategies that facilitate effective learning experiences in science classes. Major areas of focus include curriculum theory and practice, instructional design, classroom management, assessment of student learning, and reflective teaching.

ED 3460 (3)

Social Studies for Elementary Education

An introduction to teaching strategies that facilitate effective learning experiences in social studies classes. Major areas of focus include curriculum theory and practice, instructional design, classroom management, assessment of student learning, and reflective teaching.

ED 3470 (3)

Health and P.E. for Elementary Education

An introduction to teaching strategies that facilitate effective learning experiences in health and physical education classes. Major areas of focus include curriculum theory and practice, instructional design, classroom management, assessment of student learning, and reflective teaching.

ED 3500 (1 to 3)

Service Learning in Elementary Education

Integrates practical classroom-based activities into the academic content of the accompanying education courses. Highlights reflection; develops the candidate's professional and pedagogical knowledge, skills, and dispositions; and fosters a commitment to the teaching profession.

ED 3501 (3)

Elementary Education Field Experience in Arts and Humanities

Elementary Education Field Experience in the Arts and Humanities. Integrates practical classroom-based activities into the academic content of methods courses that address teaching and learning in the Arts, Language Arts, Reading, and Social Studies. Highlights reflection; develops the candidate's professional and pedagogical knowledge, skills, and dispositions; and fosters a commitment to the teaching profession. Teacher candidates observe and participate in elementary classrooms with the support of a mentor teacher.

ED 3502 (3)

Elementary Education Field Experience in Math and Science

Elementary Education Field Experience in Math and Science integrates practical classroom-based activities

into the academic content of accompanying methods courses that address teaching and learning in Mathematics, Science, Health and Physical Education. The course highlights reflection; develops the candidate's professional and pedagogical knowledge, skills, and dispositions; and fosters a commitment to the teaching profession. Teacher candidates observe and participate in elementary classrooms with the support of a mentor teacher.

ED 3600 (3)

Education Practicum

An overview of the different categories of exceptionality, special education law, identification and placement procedures, current delivery systems, and basic philosophies and strategies relating to special education practice in an inclusion environment.

ED 4500 (12)

Student Teaching

Provides teacher candidates with the opportunity to participate in a full-time, supervised student teaching experience in a public or private school. This culminating experience engages teacher candidates in a practical application of their professional and pedagogical knowledge, skills, and dispositions in a school setting. Teacher candidates set learning goals, plan and implement instruction, analyze student learning, and reflect upon their professional practice in cooperation with a mentor teacher. They also participate in parent-teacher conferences, department meetings, and extracurricular activities.

Prerequisite: Completion of all major courses for the B.Ed. degree and passing score on the PRAXIS II Content Knowledge Test. Corequisite: ED 4501.

ED 4501 (3)

Student Teaching Seminar

Provides teacher candidates with the opportunity to examine the complexities of curriculum planning, teaching, classroom management, assessment, and synthesis during the student teaching experience. Emphasizes reflective practice and provides opportunities for student teachers to interact with each other, receive continuous support during the student teaching experience, prepare for licensing and employment, and complete their professional portfolios.

ED 6000 (3)

The Professional Educator

An introduction to the knowledge, skills, and dispositions that characterize the profession of education. Highlights the practical, historical, philosophical, political, legal, ethical, social, and cultural aspects of teaching in the American educational system.

Prerequisite: Graduate standing.

ED 6010 (3)

Sociology of Education

This course challenges students to examine the relationship between schooling institutions and the larger society in which they are embedded. The U.S. public K-12 system will be examined, as well as education in a global context. The primary objective of the course is to enable each student to think critically about education as a social institution, in the U.S. and in other educational systems, and her/his own relationship to the system of schooling.

Prerequisite: Graduate standing.

ED 6200 (3)

The Scholarly Teacher

An introduction to the scholarship of teaching and learning. This course engages candidates in disciplined reflection about teaching and learning. Candidates conduct classroom-based research to study the problems or issues in education, apply research results to practice, communicate results, and engage in self-reflection and peer review.

Prerequisite: Graduate standing.

ED 6300 (3)

The Reflective Practitioner

An introduction to general principles of reflective teaching. Focuses on the recursive process of planning, implementing, assessing, and refining teaching practices; developing teaching strategies and materials; and evaluating student learning through various assessments.

Prerequisite: Graduate standing.

ED 6310 (3)

Culturally Responsive Education in Hawaii

This course utilizes culturally responsive principles of teaching and learning, expert guest speakers from the Hawaiian community, guided reflection, critical discourse, and the practical application of the Na Honua Maui Ola Hawaiian Cultural Pathways for Healthy and Responsive Learning Environments to the design of a culture-based unit plan. Participants in this course experience the land, history, culture and language of Hawai'i to develop pedagogical practices that support the learning and well-being of Hawai'i's children.

Prerequisite: Graduate standing.

ED 6401 (3)

Elementary Curriculum I

An introduction to teaching strategies that facilitate effective learning experiences in Elementary Arts, Language Arts, Reading, and Social Studies classes. Major areas of focus include curriculum theory and practice, instructional design, classroom management, and assessment techniques.

Prerequisite: Graduate standing.

ED 6402 (3)

Elementary Curriculum II

An introduction to teaching strategies that facilitate and effective learning experience in Elementary mathematics, science, health, and physical education classes. Major areas of focus include curriculum theory and practice, instructional design, classroom and lab management, and assessment techniques.

Prerequisite: Graduate standing.

ED 6420 (3)

English Curriculum and Instruction

An introduction to teaching strategies that facilitate an effective learning experience in English classes. Major areas of focus include curriculum theory and practice, instructional design, classroom and lab management, and assessment techniques.

Prerequisite: Graduate standing.

ED 6422 (3)

Adolescent Literature

This course provides an introduction to adolescent literature, its themes, theories, and potential teaching approaches. This course engages seminar participants in sophisticated thought regarding the selection and presentation of adolescent literature. Seminar participants will present an adolescent literary text to the class, along with appropriate applied theory. Participants will also write a seminar-length paper concerning two or more adolescent literary texts, keep an online reading and learning journal, comment on the written thoughts of peers, and engage in peer review on one another's seminar papers.

Prerequisite: Graduate standing.

ED 6440 (3)

Math Curriculum and Instruction

An introduction to teaching strategies that facilitate an effective learning experience in Mathematics classes. Major areas of focus include curriculum theory and practice, instructional design, classroom and lab management, and assessment techniques.

Prerequisite: Graduate standing.

ED 6442 (3)

Problem Solving for Math Teachers

This course is designed to improve students' problem solving skills for both traditional and non-traditional problems. It is also designed to explore the teaching of problem solving and the use of problem solving as an effective approach to teaching mathematics. Students' math skills will be strengthened through class activities.

Prerequisite: Graduate standing.

ED 6443 (3)

Technology for Math Teaching

This course prepares students to (1) use technology to do, explore, and create understanding of mathematics, (2) teach others how to use technology for mathematics problem solving, and (3) integrate technology into daily lessons to motivate and increase student interest in mathematics. Technological instruments studied will include graphing calculators and their implements electronic spreadsheets, dynamic mathematics software, and math education web sites. Relating technology to students' diverse learning needs will be addressed.

Prerequisite: Graduate standing.

ED 6450 (3)

Science Curriculum and Instruction

An introduction to teaching strategies that facilitate an effective learning experience in science classes. Major areas of focus include curriculum theory and practice, instructional design, classroom and lab management, and assessment techniques.

Prerequisite: Graduate standing.

ED 6452 (3)

Technology for Science Teachers

The purpose of this course is to facilitate the use of appropriate technology and related strategies in the implementation of middle and secondary science teaching and instruction. This course investigates the use of digital technology and multimedia software to capture

and analyze data; to support hypothesizing, investigation, and knowledge building; to support communication and research; to enhance instructional presentations; to plan instruction; to manage a secondary science classroom; and to understand issues of copyright and reliability of information.

Prerequisite: Graduate standing.

ED 6460 (3)

Social Studies Curriculum and Instruction

An introduction to teaching strategies that facilitate an effective learning experience in social studies classes. Major areas of focus include curriculum theory and practice, instructional design, classroom and lab management, and assessment techniques.

Prerequisite: Graduate standing.

ED 6462 (3)

World History for Social Study Teachers

This course will introduce students to the historiography, periodization, and readings in World History. The course is designed to enhance a teacher's ability to teach world history in the social studies classroom by focusing on the content of world history through a thematic approach.

Prerequisite: Graduate standing.

ED 6470 (3)

World Languages Curriculum and Instruction

An introduction to teaching strategies that facilitate an effective learning experience in World Languages classes. Major areas of focus include curriculum theory and practice, instructional design, classroom and lab management, and assessment techniques

Prerequisite: Graduate standing.

ED 6500 (6 or 9)

Teaching Internship

Full-time supervised teaching internship in a public or private school. Culminating experience that involves practical application of professional and pedagogical knowledge, skills, and dispositions in a school setting. Opportunities to engage in reflective practices, such as planning, implementing, and assessing curriculum initiatives and projects in cooperation with a mentor teacher. Opportunities to participate in parent-teacher conferences, department meetings, and extracurricular activities.

Prerequisite: ED 6000, 6001, 6100, 6101, 6200, 6201, 6300, and 6301. *Graduate standing. Corequisite:* ED 6510.

ED 6501 (1 to 3)

Elementary Education Field Experience I

Field experience that integrates practical classroom-based activities into the academic content of the accompanying elementary education seminar courses. Highlights reflection; develops the candidate's professional and pedagogical knowledge, skills, and dispositions; and fosters a commitment to the teaching profession.

Prerequisite: Graduate standing.

ED 6502 (1 to 3)

Elementary Ed Field Exp II

Field experience that integrates practical classroom-based

activities into the academic content of the accompanying secondary education seminar courses. Highlights reflection; develops the candidate's professional and pedagogical knowledge, skills, and dispositions; and fosters a commitment to the teaching profession.

Prerequisite: Graduate standing.

ED 6505 (3)

Secondary Education Field Experience I

Field Experience that integrates practical classroom-based activities into the academic content of the accompanying seminar courses during the first semester of the program. Highlights reflection; develops the candidate's professional and pedagogical knowledge, skills, and dispositions; and fosters a commitment to the teaching profession.

Prerequisite: Graduate standing.

ED 6506 (3)

Secondary Education Field Experience II

Field Experience that integrates practical classroom-based activities into the academic content of the accompanying seminar courses during the first semester of the program. Highlights reflection; develops the candidate's professional and pedagogical knowledge, skills, and dispositions; and fosters a commitment to the teaching profession.

Prerequisite: Graduate standing.

ED 6510 (3)

Teaching Internship Seminar

Provides an opportunity to examine the complexities of curriculum planning, teaching, classroom management, assessment, and synthesis of the teaching internship experience. Emphasis on developing reflective practice provides opportunities for teaching interns to interact with each other, receive continuous support during the teaching internship, prepare for licensing and employment, and complete their candidate portfolios.

Prerequisite: ED 6000, 6001, 6100, 6101, 6200, 6201, 6300, and 6301. *Graduate standing. Corequisite:* ED 6500.

ED 6610 (3)

Educational Tests and Measurements

A basic course in the construction of measures of cognitive achievement and ability. Topics include test planning, item writing, test tryout, item analysis, reliability, validity, criterion-referencing, norm-referencing, item banking, test equating, and item bias. Students write items, critique items written by others, construct tests, try out and revise tests, and develop test manuals to document the process of test development and the quality of their tests.

Prerequisite: Graduate standing.

ED 6950 (1 to 3)

Practicum in Education

Prerequisite: Graduate standing.

ED 6997 (1 to 3)

Directed Readings in Education

Directed individualized readings.

Prerequisite: Graduate standing.

ED 7000 (3)**Research Methods in Education**

Introduction to research design and both qualitative and quantitative methods for conducting educational research. Students will learn how to read and synthesize educational research, design a research study that improves the practice of teaching, analyze and interpret data, and formally report research findings. This course is designed to equip students with the epistemological, methodological, analytical, and ethical knowledge as well as the practical expertise required of a professional educational researcher.

Prerequisite: ED 6500. Graduate standing.

ED 7100 (3)**Professional Paper I**

Initial design and development of a major research paper. The professional paper should be of the highest quality and should reflect the student's best efforts in applying the knowledge, skills, and professional dispositions gained in graduate studies.

Prerequisite: ED 7000 or concurrent. Graduate standing.

ED 7200 (3)**Professional Paper II**

Continuing design and development of the major research paper. The professional paper should be of the highest quality and should reflect the student's best efforts in applying the knowledge, skills, and professional dispositions gained in graduate studies.

Prerequisite: ED 7100. Graduate standing.

ENG – English**ENG 1500 (3)****Ways of Reading: Literature, Film, Culture**

This course explores ways to interpret, analyze, and compose writing. Students are introduced to film and literary analysis, interpretive theories, and to the study of English in history and culture. The course also explores career opportunities for Writing minors, English majors and minors, and Film Studies minors.

Prerequisite: Any Com Skills A course.

ENG 2000 (3)**Introduction to Literature**

A general introduction to poetry, drama, and fiction. This course focuses on the characteristics of different literary genres, interpretation of literature, and the application of literary concepts. Emphasis is on writing about literature.

Prerequisite: Any Com Skills A course.

ENG 2101 (3)**Representations of Pacific Life**

This course introduces students to selected texts from some of the many cultures of Oceania and to the critical skills they will need to get the most out of these cultural productions. It focuses on an overview of Oceanic literature, emphasizing prose fiction, poetry, drama, and other genres such as journalism, film, and media.

Prerequisite: Any Com Skills A course.

ENG 2201 (3)**Literary Utopias and Dystopias**

Students will study texts evoking imaginary futures, both utopic and dystopic. Students will analyze utopian/dystopian literature not only as idealistic/nightmarish visions of human potentials, but also as historicized social critiques, explorations of social, political, and economic systems, and ruminations on moral choices.

Prerequisite: Any Com Skills A course.

ENG 2202 (3)**Popular Fiction**

This course examines mass-marketed commercial fiction. Students will distinguish between critical and popular reception and consider each as possible measurements of literary quality. We will study the systems and institutions that create commercially successful books – from the publishing industry to reviewers to book awards – and analyze the cultural values reflected in these systems. The course will cover both contemporary and historically popular books.

Prerequisite: Any Com Skills A course.

ENG 2203 (3)**Banned Books**

This course examines some of the many written works that have been challenged based on their political or religious views or their preconceived obscenity, violence, or sexual explicitness. Students will consider concepts such as intellectual freedom and freedom of speech and the potential reasons for and results of limiting such freedoms.

Prerequisite: Any Com Skills A course.

ENG 2204 (3)**Monsters, Mutants and Aliens in Literature and Pop Culture**

This course explores literary and pop culture texts about the non-human to articulate ethical questions concerning beliefs about what it means to be human. Class materials explore the experiences of those generally seen to be outside humanity: monsters, mutants, and aliens. They include classic and contemporary novels such as Mary Shelley's *Frankenstein* and Octavia Butler's gender-bending alien novel, *Dawn*, and modern television and film including *Buffy the Vampire Slayer*, *The X-Files*, *Alien*, and *The X-Men*. Class discussion and written work will ask students to develop and defend their own broadly informed, nuanced, and thoughtful definition of what it means to be human.

Prerequisite: Any Com Skills A course.

ENG 2301 (3)**World Film Studies**

World Film Studies examines important feature films that are rarely seen in the United States. This course briefly surveys several national cinemas and international trends, with particular attention to the increasing globalization of the film industry. Basic film concepts and techniques of critical analysis will be explained.

Prerequisite: Any Com Skills A course.

ENG 2510 (3)**World Literature I**

This course examines texts from ancient times through the

16th century, including works originally written in English and works translated into English, from both Western and non-Western traditions. Students will explore questions of context, audience, purpose, structure, and technique while improving their own writing and analytical skills.

Prerequisite: Any Com Skills A course.

ENG 2520 (3)

World Literature II

This course examines texts from the late 16th century to the present, including works originally written in English (in British, American, colonial, and postcolonial contexts), and works translated into English. Students will explore questions of context, audience, purpose, structure, and technique while improving their own writing and analytical skills.

Prerequisite: Any Com Skills A course.

ENG 3100 (3)

British Literature to 1800

The study of Medieval, Elizabethan, Restoration, and 18th-Century British literature, beginning with *Beowulf* and ending with 18th-century novelists. Chaucer, The Gawain Poet, Marlowe, Sidney, Surrey, Spenser, Shakespeare, Donne, Jonson, Milton, Behn, Congreve, Swift, and Fielding may be among the writers studied.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3101 (3)

Shakespeare on Screen

Examines the history and impact of film and television adaptations of Shakespeare's plays. Special emphasis is placed on how culture, events, and narrative and cinematic traditions shape the production and reception of Shakespeare's works.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150; any 2000-level ENG or LIT course.

ENG 3102 (3)

19th-Century British Literature

The course examines works in various genres by Romantic and Victorian British authors, such as Blake, Byron, Keats, Wordsworth, Austen, Tennyson, the Brontes, and Dickens.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3122 (3)

19th-Century American Literature

A survey of authors of the American Renaissance, such as Emerson, Thoreau, Hawthorne, Melville, Poe, and Whitman, and/or the Gilded Age, such as Twain, Howells, James, and Dickinson. The instructor may choose to include some Puritan or early national writers or to read the canonical writers mentioned above in light of some of the more popular genres of the nineteenth century, such as women's fiction, protest novels, and slave narratives.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3134 (3)

Chinese Literature

The course covers China's historical development of literary forms (tales, histories, essays, poems, plays)

leading up to fiction (short stories and novels) as a genre, from the earliest dynastic era up through the 21st century. The examination of literary works will be contextualized through the social and intellectual milieu that shaped Chinese writers as they endured successive waves of transformation brought about by violent revolutions: political, philosophical, economic, ideological, cultural, and technological.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3135 (3)

Japanese Literature

The course provides a solid grounding in the historical development of Japanese literature from the Yamato era up through the 21st century. Narrative forms examined may include classical forms such as the tale, diary, monogatari, and *zuihitsu*, and the modern form of short stories, I-novels, graphic novels and serial phone novels. Special focus will be on the social and intellectual milieu that shaped Japanese writers and their literary works as Japan faced political and economic pressures to open itself to Western values and notions of modernity.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3140 (3)

Biography

An introduction to the literary genre known as biography: its nature, purpose, uses, relationship to history and to fiction, and varieties of format.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3145 (3)

Nonfiction Film

Students are introduced to the genres of nonfiction film - documentary, docudrama, and historical features - and to the theory, history, and ideology of fact-based film. The focus is not a given film's historical accuracy so much as the writers' and directors' strategies of representation, which profoundly affect the audience's perceptions.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3201 (3)

Reel War: Military Conflict on Screen

This course examines war as depicted in documentaries and feature film. It focuses on cinematic representations of war on the home front and the battlefield, as well as on depictions of movements for avoiding or resisting war.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3202 (3)

Literature of Slavery

Though slavery was abolished after the Civil War, its legacy persists and continues to provide a compelling subject for American literary artists. This course will focus on representations of slavery and its aftermath in American literature, from antebellum slave narratives to twentieth-century novels, dramas, and films.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3203 (3)**Pidgin Literature**

This class offers an introduction to Pidgin literature in Hawai'i, focusing on fiction, poetry, drama, and essays. Some of the topics covered include the historical development of Pidgin literature, the establishment of a narrative voice reflecting the ethnic populations of Hawai'i, serious and intellectual themes conveyed through Hawai'i Creole English writings, debates around Pidgin's linguistic and dialectal authenticity, and the connection between Pidgin literature and Hawai'i's local comedy. Proficiency in Pidgin is recommended but not required.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3206 (3)**British Comic Literature**

Students will study comic British texts across literary periods, from medieval through contemporary, within theoretical frameworks of culture, class, and gender. Students will study comic theory, consider how socio-cultural factors shape responses to humor, and gain a deeper understanding of British literature, culture, and the multiple dimensions of humor.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3220 (3)**Backgrounds to Literature**

A course in intellectual and cultural history as well as literature, examining some of the greatest achievements and philosophical statements that have influenced Western literature and our contemporary thought. Students gain familiarity with writings that provided source material for the authors covered in the upper-level literature courses.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3221 (3)**Western Dramatic Literature**

An exploration of themes and theatrical traditions of drama in the West from classical Greece through medieval and Renaissance England to modern Europe and the United States.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3222 (3)**Asian Dramatic Literature**

An overview of Asian dramatic literatures, dramatic theories, and theater histories, focusing on traditional theater genres still practiced by the peoples of India, Indonesia, China, and Japan. The course draws on dramatic texts, transcriptions of plays, scholarly texts, video documentation, and performance techniques.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3223 (3)**Asian Literature**

The course provides a survey of various Asian literatures that may include both classical and modern works from a variety of regions of Asia—Asia Minor, S. Asia, S.E. Asia, and E. Asia, except China and Japan. Literary genres

examined may include poetry, fiction, drama, histories, biographies, and essays.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3224 (3)**Ethnic Literature**

The experience of ethnic groups in America's pluralistic society, as expressed in novels, short stories, poetry, drama, autobiography, and film. Groups studied may include Asian Americans, Black and Native Americans, Hawaiians, Hispanics, and White Ethnics.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3226 (3)**Hawai'i Writers**

A course that involves students with the literary genres of poetry, fiction, and drama. While short works by several well-known authors writing about Hawai'i are examined for historical perspectives (Captain James Cook, Mark Twain, Jack London), the emphasis is on contemporary writers who make Hawai'i their subject. Ozzie Bushnell, Aldyth Morris, Maxine Kingston, Eric Chock, Darrell Lum, Lois-Ann Yamanaka, Cathy Song, and Marie Hara are among the current Hawai'i writers studied.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3227 (3)**Hawai'i and the Pacific in Film**

This class offers a general introduction to popular, art, indigenous, and nonfiction films focused on Hawai'i and the Pacific. Particular emphasis is given to the shifting cultural and rhetorical contexts of films, and to their social impact on the Pacific region and beyond.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3228 (3)**Fantasy Literature**

Great works from past to present that have endured through their relevance to the human condition. The course includes works by Poe, James, Borges, LeGuin, and others.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3229 (3)**Literature of Travel**

Great travel writers take you not only on an exterior journey to places and people described freshly and vigorously, but also on an interior journey as the authors' adventures challenge them to reevaluate their philosophies of life. This course will introduce you to the development of travel writing from the early Greek historian Herodotus, through explorers such as Marco Polo to the modern era of travelers who seek to learn about other cultures.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3250 (3)**Texts and Gender**

This course examines the concept of gender in relation

to texts. The particular emphasis varies. Students may analyze texts by writers of a particular gender or sexual orientation, representations of femininity and masculinity, or social constructions of gender in and by texts.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3251 (3)

Sex, Power and Narrative

The course examines stories by and about women, and yet it is not a course about women. We will look at the windows through which various women have looked at life, but that life, and even those windows, are not exclusively theirs. We will find in women's stories the conventions that have become integral parts of what all of us think of as story. We will move sometimes chronologically, sometimes by theme, to see how women's story conventions have evolved, and we will be inclusive in our definition of "story." We will look at works from Japan, from Europe, from America - and from American women of several cultures. We will look at novels, short stories, and also movies and television.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3252 (3)

20th-Century American Women Writers of Color

This upper-division literature course explores identity politics shaped by class, race, gender, and sexuality within the poetry, prose fiction, drama, biographical and critical essays by Native-American, African-American, Asian-American, Latina/Chicana, and Pacific-Islander writers. Discussion themes include power and status, erasure and marginality, and the establishment of narrative voice as counter-narrative within dominant forms of literary discourse.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3300 (3)

Theoretical Perspectives

Courses in the 3300 series explore ways theories shape interpretations in both academe and everyday life. Contemporary theories are usually emphasized, but a study of earlier, alternative, minority, indigenous, and non-Western approaches may also be included. Selected themes and foci will be reflected in each course title.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3330 (3)

Film Theory and Criticism

An introduction to the critical analysis of film. Examines narrative form in movies from a variety of theoretical perspectives. The course also explores how cinematic narratives are affected by changes in aesthetics, culture, economics, politics, and technology.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 3350 (3)

Literature Adapted to Screen

A comparative study of the poetics and rhetorics of narratives captured on page and on screen. By examining

written texts (prose, plays, myths, biographies and histories) and their adaptations to the screen (or vice versa), students will learn how texts change as they are translated from one medium to another.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course.

ENG 4100 (3)

Shakespeare Seminar

A critical study of Shakespeare, taking into account the cultural, historical, and literary context in which he wrote. Six to nine plays are studied, among them: *Hamlet*, *King Lear*, *Macbeth*, *A Midsummer Night's Dream*, *The Tempest*, *Henry IV, Part I*, and *The Merchant of Venice*.

Prerequisite: HUM 3900 and two upper-division ENG, LIT, or WRI courses. Concurrent registration acceptable for one of those three courses.

ENG 4120 (3)

Seminar in Modernism

The forms and themes particular to the modernist and postmodernist movements through the works of writers such as Woolf, Faulkner, Conrad, Atwood, Kingston, and others. Innovations in narrative technique, the movement away from traditional plot, and social criticism are emphasized.

Prerequisite: HUM 3900 and two upper-division ENG, LIT, or WRI courses. Concurrent registration acceptable for one of those three courses.

ENG 4300 (3)

Seminar in Textual Criticism

An examination of competing approaches to the analysis of texts. The course reviews perspectives that emphasize differences between rhetorical and creative texts, as well as perspectives that collapse generic categories. Attention may be given to traditional and contemporary Euro-American approaches as well as to alternative minority, indigenous, and non-Western approaches.

Prerequisite: HUM 3900 and two upper-division ENG, LIT, or WRI courses. Concurrent registration acceptable for one of those three courses.

ENG 4320 (3)

Seminar on Postcolonial Literature

The study of texts written in English by authors from countries or territories that have experienced some form of colonization. Altogether, the production of literature through the influence of the West on the peoples of previously remote parts of the world is the subject of this course. This literature often addresses situations and problems encountered by the natives and their relationship to the colonizing country, how they adapt to the new culture, how they will continue under their own rule after independence, and how the postmodern global society affects their experience of culture. Such writers as Chinua Achebe, Wole Soyinka, Bharati Mukherjee, and Haunani Kay Trask are included.

Prerequisite: HUM 3900 and two upper-division ENG, LIT, or WRI courses. Concurrent registration acceptable for one of those three courses.

ENG 4901 (3)**Senior Thesis I**

Part one of a two-part course that requires an extensive research paper on a special topic in the student's major area of study. The thesis student is required to spend two semesters on the project. The first semester is devoted to designing the project, conducting fundamental library research, and reviewing the formal research paper format. The research project and the actual writing of the paper are supervised by a thesis committee.

ENG 4902 (3)**Senior Thesis II**

A continuation of ENG 4901. The student undertakes writing and defense of the thesis.

ENVS – Environmental Science/Studies**ENVS 1020 (3)****Introductory Meteorology**

A survey of the physical and chemical principles of atmospheric science applied to elementary descriptions and interpretations of atmospheric phenomena.

Prerequisite: CHEM 1000 or 1020.

ENVS 1030 (3)**Tropical Ecology and Sustainability**

This summer General Education course consists of a travel component to Costa Rica. After an introduction to the issues and questions pertaining to sustainability and the impact of humans on tropical ecosystems, students will examine how human values and choices affect ecosystems and develop their own perspectives on sustainability from in-country experiences.

ENVS 1040 (3)**Introduction to Fresh Water Systems**

A survey of the biology, chemistry, physics, and geology of fresh water systems such as lakes, wetlands, and rivers.

Prerequisite: Any 1000-level BIOL course, BIOL 2030, or 2050; CHEM 1000 or 1020.

ENVS 2000 (3)**Principles of Environmental Science**

An introduction to the analysis of environmental problems from a scientific perspective using fundamental principles from the biological and physical sciences.

Prerequisite: CSCI 1011 or 1041; BIOL 1500 or 2050; CHEM 1000 or 1020.

ENVS 2001 (1)**Principles of Environmental Science Laboratory**

Laboratory and field component of ENVS 2000.

Prerequisite: ENVS 2000 (or concurrent); CHEM 1021 or 2051.

ENVS 3000 (3)**Science and the Modern Prospect**

The course emphasizes the use of the scientific method and the results of scientific study to explore and understand issues of environmental concern. The major objective is the presentation of the human inhabited biosphere as a system amenable to study and scientific understanding.

Prerequisite: Any two humanites or social sciences courses numbered 1000 or above; A grade of C- or higher in any R&E A course.

ENVS 3002 (3)**Applications of Environmental Science**

The course emphasizes the use of the scientific method and the results of scientific study to explore and understand issues of environmental concern. The major objective is the presentation of the human inhabited biosphere as a system amenable to study and scientific understanding.

Prerequisite: ENVS 2000; or [BIOL 1000 or 1500] and [CHEM 1020, GEOL 1000, or MARS 1000]; or BIOL 2052, CHEM 2052, and GEOL 2000.

ENVS 3003 (1)**Applications of Environmental Science Laboratory**

Laboratory and field component of ENVS 3002.

Prerequisite: ENVS 2001; ENVS 3002 or concurrent; A grade of C- or higher in any R&E A course.

ENVS 3010 (1 to 3)**Environmental Impact Analysis**

Methods of assessing and predicting physical, chemical, biological, social, and economic impacts on the environment resulting from human activities. The course includes preparation and review of environmental impact reports.

Prerequisite: ENVS 2000.

ENVS 3030 (3)**Earth Systems and Global Change**

Natural and human-induced variability and change in the earth environment on a global scale. Interactions among lithosphere, atmosphere, hydrosphere, ecosphere, and the human dimension of global change.

Prerequisite: ENVS 2000.

ENVS 3090 (3)**Science and the Modern Prospect****ENVS 3200 (3)****Photovoltaic Systems Design**

This course introduces the fundamental principles of solar energy and photovoltaic systems design. It includes the design of a safe, code-compliant photovoltaic system and preparation of permit-quality technical drawings. The course provides the skills suitable for a supervised, entry level position in the photovoltaic industry, as specified by the North American Board of Certified Energy Practitioners (NABCEP).

Prerequisite: ENVS 2000, MATH 1115, or MATH 1130.

ENVS 3990 (1 to 3)**Nonpaid Internship****ENVS 3991 (1 to 3)****Paid Internship****ENVS 4000 (3)****Methods of Environmental Science**

This course will present advanced analytical technologies current in real world applications of environmental science. Computer-driven data analysis, modeling,

and presentation technology has become vital to the understanding and reporting of problems and issues that constitute today's applications of environmental science. This course will present specific applications in a hands on approach.

Prerequisite: ENVS 3002.

ENVS 4001 (1)

Methods of Environmental Science Laboratory

Laboratory component of ENVS 4000.

Prerequisite: ENVS 3003 and 4000 or concurrent.

ENVS 4040 (3)

Sustainable Building Science

This course examines the fundamentals of integrated building design, including the history, science, and technology of green building. Emphasis is placed on the Leadership in Energy and Environmental Design (LEED) rating system and this course helps prepare students to obtain one of the U.S. Green Building Council's credentials (LEED Green Associate or LEED Accredited Professional).

Prerequisite: ENVS 3000.

ENVS 4050 (3)

Remote Sensing

The physics and techniques of remote sensing presented through an exploration of physical characteristics of terrestrial and marine environments.

Prerequisite: ENVS 2000; MATH 3306; PHYS 2052; A grade of C- or higher in any R&E A course.

ENVS 4100 (3)

Society and Environment: Contemporary Issues Seminar

A critical analysis of contemporary environmental issues that face society. The course includes formal seminars, informal group discussions, and a comprehensive review paper.

Prerequisite: ENVS 3002. Senior standing.

ENVS 4200 (3)

Business and Environment: Contemporary Issues Seminar

A critical analysis of contemporary environmental management issues. The course includes formal seminars, informal group discussions, and a comprehensive review paper.

Prerequisite: ENVS 3002. Senior standing.

ENVS 4300 (3)

Advanced Photovoltaic Systems Design

This is an advanced course in photovoltaic systems design for people considering a career in the solar electric industry. The detailed design of stand-alone and utility-interactive photovoltaic systems is covered with emphasis on compliance with the National Electric Code. Both residential and small commercial/institutional systems are covered (up to 30 kW). This course is based, in part, on the knowledge typically required of industry practitioners as specified by the North American Board of Certified Energy Practitioners (NABCEP) and can help in preparation for the NBCEP PV installer certification exam.

Prerequisite: ENVS 3200 or MATH 2214.

ENVS 4400 (3)

Environmental Science Seminar

A critical analysis of recent environmental scientific literature. The course includes formal seminars, informal group discussions, a comprehensive review article, and a research project proposal.

Prerequisite: ENVS 3002. Senior standing.

ENVS 4600 (3)

Environmental Science Research

The execution of the research project proposed in ENVS 4400. The course includes oral status reports, a final written report, a final formal seminar, and a poster presentation of research project results.

Prerequisite: ENVS 4400.

ENVS 4950 (1 to 3)

Environmental Studies Practicum

Senior practicum opportunity in environmental studies.

Prerequisite: ENVS 3002. Senior standing.

ENVS 6010 (3)

Global Climate Change

This course discusses the history of the Earth's climate since its formation to the present time. Focus will be placed on natural mechanisms that cause large-scale, global climate change, from the long-term to the abrupt, and how anthropogenic climate change fits into this context.

Prerequisite: Graduate standing.

ENVS 6030 (3)

Sustainable Energy Systems

This course examines energy systems, including resource estimation, environmental effects and economics. The current mix of energy sources and technologies are examined along with sustainable options, with an emphasis on quantitative analysis based on scientific principles (thermodynamics and kinetics). Sustainable energy options examined include nuclear energy, biofuels, hydropower, ocean, geothermal, wind and solar energy.

Prerequisite: Graduate standing.

ENVS 6040 (3)

Sustainable Building Science

This course examines the fundamentals of integrated building design, including the history, science, and technology of green building. Emphasis is placed on the Leadership in Energy and Environmental Design (LEED) rating system and this course helps prepare students for obtaining one of the U.S. Green Building Council's credentials (LEED Green Associate or LEED Accredited Professional).

Prerequisite: Graduate standing.

ENVS 6050 (3)

Watershed and Wetland Systems

An integrated view of ecological systems. An introduction to concepts in geomorphology, hydrology, biogeochemistry, primary production, carbon cycling, and abiotic and biotic controls on nutrient cycling. Emphasis on research investigating the effects of natural and anthropogenic stressors on ecological resources at multiple spatial and temporal scales, development of indicators of watershed/

wetland condition, and comparative values of ecological systems.

Prerequisite: Graduate standing.

ENVS 6060 (3)
Geographical Information Systems 2: Spatial Analysis

GIS is about getting answers to questions so you can make intelligent decisions. In this course you will use ArcGIS to describe the distribution of a set of features, and to discern patterns and measure relationships among these features. Topics in this course include the use of raster GIS tools for natural resource modeling and environmental analysis; the raster structure and its advantages and limitations; appropriate data and procedures; simple raster surface modeling and image integration; map algebra concepts using ArcGIS Spatial Analyst; proximity and dispersion modeling; cost surfaces and many of the vector-based analytical tools and techniques available within ArcGIS.

Prerequisite: Graduate standing.

ENVS 6150 (3)
Environment, Power and Society

With the publication of *Environment, Power, and Society* in 1971, H.T. Odum changed the lives of countless individuals; altering their worldviews by starting them along a quantitative, systems-oriented path toward holistic thinking. This course will introduce the Energy Systems Language, a visual mathematics capable of representing the details and bringing into focus the complexities of any system, and through the microscope, his tool for eliminating detail and gaining an overview of the entire system. For many, the concepts in *Environment, Power, and Society* are profound ideas and methods that clear away much of the mystery about integrating nature and humanity to the benefit of both.

Prerequisite: Graduate standing.

ENVS 6200 (3)
Advanced Photovoltaic Systems Design

This is an advanced course in photovoltaic systems design for people considering a career in the solar electric industry. The detailed design of stand-alone and utility-interactive photovoltaic systems is covered with emphasis on compliance with the National Electric Code. Both residential and small commercial/institutional systems are covered (up to 30kW). This course is based, in part, on the knowledge typically required of industry practitioners as specified by the North American Board of Certified Energy Practitioners (NABCEP) and can help in preparation for the NBCEP PV installer certification exam.

Prerequisite: ENVS 3200 or MATH 2441. Graduate standing.

ENVS 6920 (3)
Special Topics in Environmental Science

The title, content and prerequisites for this course will vary with instructor and need in the program. The course may be repeated when the title and content have changed.

Prerequisite: Graduate standing.

ENVS 6990 (1 to 3)
Nonpaid Internship

Prerequisite: Graduate standing.

FIN – Finance

FIN 2200 (3)

Introduction to Personal Finance

Patterns of individual and family earnings; budgeting principles, consumer credit practices and sources; insurance, savings, investment, and home ownership guidance. The course has been designed to be practical and comprehensive. Students cannot receive credit for both this course and FIN 3200.

Prerequisite: MATH 1130 or higher.

FIN 3000 (3)

Business Finance

A survey of finance and introduction to investments. Course units include: financial analysis, forecasting, and valuation; alternative sources of financing, including analysis of debt and equity securities from the viewpoints of both the firm and the investor; and management of current, intermediate, and long-term assets.

Prerequisite: ACCT 2010; MATH 1130 or higher.

FIN 3200 (3)

Personal Finance

Patterns of individual and family earnings; budgeting principles, consumer credit practices and sources; insurance, savings, investment, and home ownership guidance. The course has been designed to be practical and comprehensive.

Prerequisite: MATH 1130 or higher; A grade of C- or higher in any R&E A course.

FIN 3300 (3)

Investments

A fundamental course in investments. The course features: security analysis and portfolio management; analysis of financial statements; valuation of stocks and fixed-income securities; and the study of efficient diversification and risk-return management.

Prerequisite: FIN 3000.

FIN 3400 (3)

Financing in the Money and Capital Markets

A course on obtaining short-term funds and investing cash in marketable securities in the money markets; rating reviews in connection with the sale of bonds and preferred stock through private placement, negotiated, or competitive public offering; selling common stock through direct or rights offering. Detailed steps and complete example in selling fixed income securities and selling common stock.

Prerequisite: FIN 3000.

FIN 3500 (3)

Planning: Business Owners

A course that focuses on common business problems and planning objectives. It includes business continuation issues, buy-sell agreements, stock redemptions, planning for the disability of a business owner, and managing risk in a closely held business.

Prerequisite: FIN 3000.

FIN 3510 (3)**Insurance and Financial Planning**

A course that discusses the basic concepts of risk management and insurance. It includes legal principles; different kinds of risks and insurance; and the insurance industry. It also focuses on the financial planning process that includes the time-value-of-money concepts; income tax planning issues; and the regulatory and ethical environment of financial planning.

Prerequisite: FIN 3000.

FIN 3600 (3)**Trading Derivatives**

A course that covers the theory and application of futures, swaps, and options. It analyzes the valuation and risk of derivatives as well as focuses on the practical application of derivatives in debt and portfolio management.

Prerequisite: FIN 3000.

FIN 3610 (3)**Advanced Derivatives**

A continuation and extension of the study of a basic course in derivatives. The theory and application of futures, swaps, and options are reviewed. It includes advanced methods for the analysis of the valuation and the risk of derivatives in debt and portfolio management.

Prerequisite: FIN 3600.

FIN 3650 (3)**Corporate Risk Management**

The course will make the student familiar with the mathematical and statistical concepts and methods of modern risk management, covering all modern types of risk (market risk, credit risk, and operational risk), their assessment and management. The risks will be discussed on an individual as well as on a portfolio level.

Prerequisite: FIN 3000.

FIN 3700 (3)**Real Estate Finance**

A basic course in real estate finance, focusing on methods, processes, and caveats. Course units include: money markets, interest rates, real estate financing; case illustrations demonstrating lending policies; typical problems involved in financing real property; evaluation of income property investment alternatives.

Prerequisite: FIN 3000.

FIN 3990 (1 to 3)**Nonpaid Internship**

See Internship Section.

FIN 3991 (1 to 3)**Paid Internship**

See Internship Section.

FIN 4997 (1 to 3)**Directed Readings in Finance**

Directed individualized readings.

FIN 6000 (3)**Financial Management and Strategy**

The planning, acquisition, use, and management of the resources needed by a business concern. The course

examines asset management, capital structure, portfolio management, and risk analysis. Investment decision theory and practice are studied, and quantitative methods for financial analysis are reviewed.

Prerequisite: BUS 5000 and 5100. Graduate standing.

FIN 6100 (3)**International Finance**

A seminar that includes contemporary issues in international finance. Technical financial issues of importance to international managers operating in the world arena are examined, as well as contemporary source material that focuses on current data.

Prerequisite: FIN 6000 and MGMT 6300. Graduate standing.

FIN 6170 (3)**International Financial Markets**

Explorations of the functions of the international financial markets. Course topics include: foreign exchange rates and their determination; international payment adjustments; currency futures; international arbitrage; and international cash management.

Prerequisite: ECON 6000. Graduate standing.

FIN 6300 (3)**Investment Analysis**

An examination of topics such as: capital markets, security analysis, risk strategies, and portfolio selection from the perspective of the professional investment manager, all constituting the decision process in building and managing a portfolio. Methods of security valuation, asset appraisal, and risk analysis are also examined.

Prerequisite: ECON 6000, FIN 6000, and MS 6000. Graduate standing.

FIN 6310 (3)**Portfolio Management**

A course that affords students the opportunity to actively select and manage investment portfolios that have varying objectives. Techniques for evaluating stocks, bonds, and options are discussed and used in the selection of these portfolios. Students are challenged to understand and evaluate the complexities of a dynamic investment environment in which competition is keen and performance the goal.

Prerequisite: ECON 6000, FIN 6000, and MS 6000. Graduate standing.

FIN 6400 (3)**Corporate Finance**

A course that presents the perspective of the Chief Financial Officer (CFO) and deals with advanced techniques for determining the capital budget and structure, dividend policy, risk analysis, long-term financing decisions, and forecasting. Financial decision-making as an integral, practical component of the leadership and managerial functions within the firm constitutes the major unit of study in this course.

Prerequisite: FIN 6000 and MS 6000. Graduate standing.

FIN 6500 (3)**Planning: Business Owners**

A course that focuses on common business problems and planning objectives. It includes business continuation issues, buy-sell agreements, stock redemptions, planning for the disability of a business owner, and managing risk in a closely held business.

Prerequisite: BUS 5100 or FIN 6000*. (* must have a grade of C or higher). Graduate standing.

FIN 6510 (3)
Insurance and Financial Planning

A course that discusses the basic concepts of risk management and insurance. It includes legal principles; different kinds of risks and insurance; and the insurance industry. It also focuses on the financial planning process that includes the time-value-of-money concepts; income tax planning issues; and the regulatory and ethical environment of financial planning.

Prerequisite: BUS 5100 or FIN 6000*. (* must have a grade of C or higher). Graduate standing.

FIN 6530 (3)
Estate Planning

A course that introduces the student to the estate planning process and includes an overview of Federal Estate and Gift Taxes, will, trusts, and powers of attorney. The student also learns various planning techniques to minimize Federal Estate and Gift Taxes and avoid the probate system.

Prerequisite: BUS 5100 or FIN 6000*. (* must have a grade of C or higher). Graduate standing.

FIN 6600 (3)
Trading Derivatives

A course that covers the theory and application of futures, swaps, and options. It analyzes the valuation and risk of derivatives as well as focuses on the practical application of derivatives in debt and portfolio management.

Prerequisite: BUS 5100 or FIN 6000*. (* must have a grade of C or higher). Graduate standing.

FIN 6610 (3)
Advanced Derivatives

A continuation and extension of the study of a basic course in derivatives. The theory and application of futures, swaps, and options are reviewed. It includes advanced methods for the analysis of the valuation and the risk of derivatives as well as focuses on the practical application of derivatives in debt and portfolio management.

Prerequisite: FIN 3600 or FIN 6600*. (* must have a grade of C or higher). Graduate standing.

FIN 6650 (3)
Corporate Risk Management

The course will familiarize the student with the mathematical and statistical concepts and methods of modern risk management, covering all modern types of risk (Market Risk, Credit Risk, Operational Risk), their assessment and management. The risks will be discussed on an individual as well as on a portfolio level.

Prerequisite: FIN 3000. Graduate standing.

FIN 6700 (3)
Real Estate Finance

A basic course in real estate finance, focusing on methods,

processes, and caveats. Course units include: money markets, interest rates, real estate financing; case illustrations demonstrating lending policies; typical problems involved in financing real property; evaluation of income property investment alternatives.

Prerequisite: FIN 6000. Graduate standing.

FIN 6990 (1 to 3)
Nonpaid Internship

See Internship Section.

Prerequisite: Graduate standing.

FIN 6991 (1 to 3)
Paid Internship

See Internship Section.

Prerequisite: Graduate standing.

FIN 6997 (1 to 3)
Directed Readings in Finance

Directed individualized readings.

Prerequisite: Graduate standing.

FR – French

FR 1100 (4)
Beginning French I

An introduction to written and spoken French. This is the first semester of a two-semester sequence.

FR 1200 (4)
Beginning French II

An introduction to written and spoken French. This is the second semester of a two-semester sequence.

Prerequisite: FR 1100.

FR 2100 (4)
Intermediate French I

Conversation, reading, grammar, and introduction to French culture. This is the first semester of a two-semester sequence.

Prerequisite: FR 1200.

FR 2200 (4)
Intermediate French II

Conversation, reading, grammar, and introduction to French culture. This is the second semester of a two-semester sequence.

Prerequisite: FR 2100.

FR 3100 (4)
Advanced French I

Advanced conversation, reading, grammar, and French culture are emphasized. This is the first semester of a two-semester sequence.

Prerequisite: FR 2200.

FR 3200 (4)
Advanced French II

Advanced conversation, reading, grammar, and French culture are emphasized. This is the second semester of a two-semester sequence.

Prerequisite: FR 3100.

FR 4100 (4)**Advanced French III**

Designed to develop the student's control of spoken French. Attention is given to the development of vocabulary that will permit accurate and mature expression by the student on a variety of subjects. An important aim of the course is to increase and broaden reading and oral comprehension of the French language. Designed for students who have completed FR 3200 or demonstrated an equivalent knowledge of French through a placement exam.

Prerequisite: FR 3200.

FR 4200 (4)**Advanced French IV**

Continues FR 4100 Advanced French III. Designed for students who have completed FR 4100 or demonstrated an equivalent knowledge of French through a placement exam.

Prerequisite: FR 4100.

GEOG – Geography**GEOG 1000 (3)****Introduction to Physical Geography**

A non-laboratory introduction and survey of Earth's natural environment, including earth-sun relationships, weather and climate, landforms, soils, and vegetation. The effects of these physical elements on human activity are also stressed. The course presents both global and regional perspectives.

GEOG 1500 (3)**World Regional Geography**

This course studies the geography of the world's major culture regions. Emphasis is placed on the geographic foundations and cultural characteristics, changes, and divisions that provide insight and understanding to current world events and issues.

GEOG 2000 (3)**Introduction to Human Geography**

An introduction to the concepts and major topics of human geography. This course uses a dynamic, hands-on approach to explore concepts such as mapping techniques, regions, diffusion, population growth, migration, regional and global economic development, growth of cities, cultural landscapes, market areas, and the human impact on the environment.

Prerequisite: Any Com Skills A course.

GEOG 2500 (3)**Maps and Civilization**

A study of how maps reflect the politics, economics, culture, and aesthetics of both Eastern and Western societies throughout history. How maps are used to communicate or distort information is also explored. Other topics include map reading, cartographic conventions and techniques, map types and uses, maps as art, and automated mapping techniques.

Prerequisite: Any Com Skills A course.

GEOG 2600 (3)**Geography of Travel and Tourism**

An exploration of the major themes, concepts, and contemporary issues focused on in tourism geography. The major areas of focus involve defining tourism and its relationship to geographic inquiry, an overview of tourism from a world regional perspective, and more specifically the impact of tourism in Hawai'i and Oceania.

Prerequisite: A grade of C- or higher in any R&E A course.

GEOG 3200 (3)**Geography of Hawai'i and The Pacific**

An introduction to the human and physical geography of Oceania. Class readings, discussions, presentations, and writing assignments will illustrate the complex sociogeographic aspects of this region. Special attention is given to Hawai'i, emphasizing its unique physical geography and its contemporary and historical links to the Pacific.

Prerequisite: A grade of C- or higher in any R&E A course.

GEOG 3310 (3)**Geography of Japan**

A course that begins with the physical and cultural foundations of Japan, including the origin of the Japanese islands, climate, and natural hazards and how various historic periods are visible on the Japanese cultural landscape today. Other topics include populations, agriculture, industry, urbanization, recreation, minority groups, and Japanese concepts of living space.

Prerequisite: Any introductory social science course.

GEOG 3720 (3)**Population Dynamics**

This course begins with historical growth, current trends, and future projections of global population distributions and their resource needs. The course then moves to its core emphasis on the major components of human population change, namely fertility, mortality, and migration. Special attention is given to the role of population structure as a predictor of political instability.

Prerequisite: Any introductory social science course.

GEOG 3730 (3)**Economic Geography**

An analysis of human economic activities in relation to resources; spatial dimensions of economic systems; social and environmental consequences of location decisions; and alternative use of resources.

Prerequisite: ECON 2010 or 2015; GEOG 2000 or 2600.

GEOG 3750 (3)**Military Geography**

Military operations are inherently geographic in nature, so this course studies the impact of physical and human geography on the conduct and outcome of such operations. In addition to specific war fighting cases from history, the course covers geopolitics and the geographics aspects of peacekeeping, terrorism, disaster management, humanitarian assistance, recruiting, and training.

Prerequisite: GEOG 1000; Any introductory social science course.

GEOG 4700 (3)**Geographic Information Systems**

A course that provides students with the fundamental concepts underlying geographic information systems (GIS). The nature and analytical use of spatial information are discussed. During the laboratories, students acquire skills in utilizing the popular software package ArcView GIS. Laboratories provide hands on experience with ArcView GIS.

Prerequisite: GEOG 1000 or 2000.

GEOL – Geology**GEOL 1000 (3)****The Dynamic Earth**

An introductory survey of the geology of the earth. Topics include geologic time and earth history, internal earth processes (plate tectonics, volcanoes, earthquakes), and surface processes (streams, coasts, climate).

GEOL 2000 (3 or 4)**Physical Geology: The Science of Earth**

A comprehensive introduction to the fundamentals of geology for students intending to major in the natural sciences. Topics include formation and evolution of the earth, as well as a broad range of surface and internal geological processes

Prerequisite: CHEM 2052.

GEOL 3010 (3)**Mineralogy**

Chemical and physical properties, origins, and associations of igneous, metamorphic, and sedimentary rock forming minerals.

Prerequisite: A grade of C- or higher in any R&E A course; GEOG 2000.

GEOL 3020 (3)**Hydrogeology**

Quantitative treatment of the freshwater components of the hydrologic cycle including stream flow, ground water flow, and water quality.

Prerequisite: GEOG 2000; MATH 2214 or higher except MATH 2326/3301; A grade of C- or higher in any R&E A course.

GEOL 3030 (3)**Sedimentology**

The geology of sedimentary deposits, including classifications and properties of particles, sedimentary processes, modern sedimentary environments, and analysis of the stratigraphic record.

Prerequisite: GEOG 2000; A grade of C- or higher in any R&E A course.

GEOL 3040 (3)**Geochemistry**

A chemical view of the composition of the earth and its component parts, including the present distribution of chemical species and their movement over time.

Prerequisite: A grade of C- or higher in any R&E A course; GEOG 2000.

GEOL 3950 (3)**Geology Practicum**

Geology practicum.

GEOL 4010 (3)**Contaminant Hydrogeology**

This course examines theoretical and practical considerations of the fate and transport of contaminants through porous geologic materials. Topics include physical and chemical processes governing the transport of contaminants in groundwater; multiphase flow; chemistry of organic and inorganic contaminants; microbial degradation of contaminants; monitoring and mediation site characterization; remediation technologies; application of hydrogeologic and geochemical theory and practice to the protection of aquifers from contaminations; quantitative aspects (computer modeling of contaminant transport).

Prerequisite: CHEM 2050, 2051, 2052, 2053, and GEOL 3020.

GEOL 4950 (3)**Geology Practicum**

Geology Practicum.

GEOL 6010 (3)**Contaminant Hydrogeology**

This course examines theoretical and practical considerations of the fate and transport of contaminants through porous geologic materials. Topics include physical and chemical processes governing the transport of contaminants in groundwater; multiphase flow; chemistry and microbial degradation of organic and inorganic contaminants; monitoring and remediation site characterizations; remediation technologies; application of hydrogeologic and geochemical theory and practice to the protection of aquifers using quantitative methods and computer modeling.

Prerequisite: CHEM 2050, 2051, 2052, 2053, and GEOL 3020.

GLSD – Global Leadership and Sustainable Development**GLSD 6000 (3)****Sustainable Human Systems**

Students will learn to think systematically through the study of the systemic structure and values that underlying the modern world view. Alternative, emerging world views focused on sustainable structures will be emphasized. Systems thinking and a systems perspective will be developed through the study of environmental, cultural, and social systems. A critical perspective is emphasized throughout the course.

Prerequisite: Graduate standing.

GLSD 6001 (3)**Power and Social Systems**

This course will focus on the relations between stakeholders' interests, conflict, and power in large organizations and other human social systems. Power models and dynamics in the cultures of nations, communities, corporations, and small groups will be examined. Creative problem solving and reconciliation approaches are presented as means for effective and sustainable social transformation. A written

critical analysis of existing power relationships in the social system of the students' choice will be required. Cases, exercises, group discussions are used throughout the course.

Prerequisite: Graduate standing.

GLSD 6005 (3)
Research Methods for Environmental and Social Policy Formation

Students will learn to conduct and evaluate environmental and social science research design, data quality, quality of reasoning, judgments in interpretation of evidence and alternative interpretations of environmental and sustainability research. Emphasis will be placed on the design and generation of evidence acquired by interview, focus group, field research, and other approaches as used in environmental science and sustainability research. Small research teams will design and conduct a multi-faceted pilot study on some contested environmental or social issue related to sustainability using one or multiples of the following: survey research, action research, environmental impact assessments, environmental audits, case studies, in-depth interviews, focus groups, sustainability audits, organization environmental assessments, and campus sustainability audits.

Prerequisite: Graduate standing.

GLSD 6330 (3)
Comparative Management Systems

National, regional, ethnic, and other influences are common in how we lead and manage. A conceptual framework within which students can access the problems of a changing global environment is provided. Globalization and the universal desire for economic development has led both corporations and governments to seek successful models for capitalism and creating wealth. The influence of belief and values on how we manage and organize is the focus of discussion and assignments.

Prerequisite: Graduate standing.

GLSD 6340 (3)
An Environmental History of the Modern World

This course examines the impact of human activities on the environmental world that have occurred since the 15th century, with a focus on the 20th and 21st centuries. Historical, institutional, and cultural forces are studied to gain a contextual understanding of contemporary environmental issues. Implicit assumptions about the natural world imbedded in economic, religious, and cultural models will be identified and explored in terms of their environmental implications.

Prerequisite: Graduate standing.

GLSD 6350 (3)
Global Markets in Transition

An examination of the forces promoting globalization and the development of business in evolving markets. The course focuses on related contemporary managerial issues. Included is the study of market transformations in cases of regional economic integration. Technology transfer and patterns of business development are also introduced. Additionally, price mechanisms for regulating international exchange and comparative costs studies related to the geometry of location are investigated.

Prerequisite: Graduate standing.

GLSD 6360 (3)
Global Competition and Strategy

A multidisciplinary course focused on the geopolitical realities perceived by the United States and other major and regional powers; the political, economic and cultural environment in which competitive business strategies are formulated; world dilemmas and the global monetary order; the implications of risk-related variables for international economic transactions; and the nature of global competition faced by American and Non-American business enterprises.

GLSD 6500 (3)
Ecological Economics and Sustainable Development

This course addresses the topic of sustainable development focusing on economics at the interface of nations and the global economy. Students will complete a comprehensive study of the emerging field of ecological economics and contrast/compare it to the neoclassical economic model of development. Students will conduct an in-depth analysis of a developing nation in terms of economic development based on population, agriculture, industrial development, and natural capital (ecosystem goods and services). Students will be required to propose policy options for sustainable development within a nation and provide a means by which the nation's development will move towards global sustainability.

Prerequisite: Graduate standing.

GLSD 6920 (3)
Special Topics in Global Leadership and Sustainable Development

The title, content and prerequisites for this course will vary with instructor and need in the MAGLSD program. The course may be repeated when the title and content have changed.

Prerequisite: Graduate standing.

GLSD 6950 (1-4)
Globalization, Environment, and Sustainability Development Practicum

The GLSD 6950 Practicum offers students the opportunity to integrate the theoretical knowledge of sustainability, environmental policy/science, or sustainable development with practical experience in either a research project or an organizational employment setting related to their MAGLSD studies. The practicum goal is to allow students to gain practical, first hand experiences in sustainability and greater awareness of career possibilities that lie before them upon graduation. A practicum may or may not receive compensation. Hosting organizations will have agreed to provide practicum students with an intellectually challenging primary task related to their studies. In turn, each practicum experience will be design to benefit the host institution as well.

Prerequisite: Graduate standing.

GLSD 6997 (3)
Special Topics in Global Leadership and Sustainable Development

This is a special topics seminar in Global Leadership and Sustainable Development. Course content will vary as set

forth in an approved syllabus. The course may be repeated as contents change (up to 6 credits).

Prerequisite: Graduate standing or permission of the instructor.

GLSD 7100 (3)

GLSD Professional Paper I

Initial design and development of the major research paper for students in the MA/OC program.

Prerequisite: SOC 3100, 3200, and GLSD 6005. Graduate standing.

GLSD 7200 (3)

GLSD Professional Paper II Capstone

Continuing design and development of the major research paper for students in the MA/OC program.

Prerequisite: GLSD 7100. Graduate standing.

HAWN – Hawaiian

HAWN 1100 (4)

Beginning Hawaiian I

An introduction to written and spoken Hawai‘ian, as well as various aspects of traditional Hawai‘ian culture. This is the first semester of a two-semester sequence.

HAWN 1200 (4)

Beginning Hawaiian II

An introduction to written and spoken Hawai‘ian, as well as various aspects of traditional Hawai‘ian culture. This is the second semester of a two-semester sequence.

Prerequisite: HAWN 1100.

HAWN 2100 (4)

Intermediate Hawaiian I

Conversation, reading, writing, grammar, and traditional Hawai‘ian culture. This is the first semester of a two-semester sequence.

Prerequisite: HAWN 1200.

HAWN 2200 (4)

Intermediate Hawaiian II

Conversation, reading, writing, grammar, and traditional Hawai‘ian culture. This is the second semester of a two-semester sequence.

Prerequisite: HAWN 2100.

HIST – History

HIST 1717 (3)

Reacting to the Past

An introduction to major ideas and texts using “role playing” games to replicate the context in which these ideas acquired historical significance. Students explore moments of cultural and political crisis in a variety of cultures and time periods, including Ancient Greece, Ming China, and Puritan New England.

HIST 2001 (3)

History of World Cultures to 1500

An interpretive survey of the development of civilizations from prehistoric times to A.D. 1500. Considerations of the principal contributions, forces, and trends found among

the major cultures of the world. HIST 2001 and HIST 2002 need not be taken in sequence.

Prerequisite: Any Com Skills A course.

HIST 2002 (3)

Global Historical Experience Since 1500

An interpretive survey of the development of civilizations and of the principal contributions, forces, and trends found among the major cultures of the world since A.D. 1500. HIST 2001 and HIST 2002 need not be taken in sequence.

Prerequisite: Any Com Skills A course.

HIST 2111 (3)

Introduction to Greco-Roman Civilization

A survey of European civilization from the classical Greeks until the barbarian invasions and the fall of Rome. Topics include the rise of the Greek polis, the spread of Greek culture under Alexander the Great, the history of the Roman empire, and the establishment of Christianity.

Prerequisite: Any Com Skills A course.

HIST 2112 (3)

Medieval and Early Modern Europe

This course will explore the political, social, economic, intellectual, and religious characteristics of Europe during the Medieval and Early Modern periods. Material will emphasize how medieval and early modern beliefs (religious and secular) molded social, cultural, political, military, and economic institutions. Topics covered in the course will include, but are not limited to, Christianity and Islam, the interaction of the Christian, Muslim and Byzantine worlds, the creation of nation states, the relationship between spiritual and secular power and culture, intellectual “recovery” in the Renaissance, and European expansionism.

Prerequisite: Any Com Skills A course.

HIST 2113 (3)

Modern Europe

An introduction to the history of modern Europe. Students examine the major intellectual, political, economic and social developments of this era, including the rise of the nation-state, the Industrial Revolution, the emergence of mass culture, and the impact of two world wars.

Prerequisite: Any Com Skills A course.

HIST 2251 (3)

Introduction to Russian Civilization

A course survey of the origins, development, and decline of the Russian Empire. Special attention is given to intellectual, religious, social, literary, and cultural history. The origin and consequences of the 1917 Russian Revolution are explored. Additional coverage is given to contemporary Russian culture.

Prerequisite: Any Com Skills A course.

HIST 2301 (3)

Introduction to Asian Civilizations

An introduction to the essential values and traditions of selected civilizations in East, Southeast and South Asia, examining them in their indigenous contexts while exploring exchanges among them over time. The course shows how the major cultures of these regions developed, came

into contact, absorbed and/or rejected elements of each other's civilization and produced institutions, values and ideas that give an historical identity to each. The ramifications of these encounters are also studied by looking at how earlier values and ethical concerns are manifested in recent political and other developments within Asia.

Prerequisite: Any Com Skills A course.

HIST 2311 (3)

Introduction to Chinese Civilization

An introductory exploration of the society, ideas, political institutions, economy, culture, language, literature, and other characteristic features of traditional China in a historical and contemporary context.

Prerequisite: A grade of C- or higher in any R&E A course.

HIST 2321 (3)

Introduction to Japanese Civilization

Japanese history from its prehistoric origins to contemporary developments. Focuses on significant themes: art, political institutions, literature, and socio-economic structures.

Prerequisite: A grade of C- or higher in any R&E A course.

HIST 2401 (3)

American History to 1877

A study of the discovery and colonization of America, the Revolution, the forming of the government, and internal and foreign affairs down through Reconstruction.

Prerequisite: Any Com Skills A course.

HIST 2402 (3)

American History Since 1865

The Civil War and its aftermath, industrialization, external expansion, two world wars, and domestic affairs from 1865 to the present.

Prerequisite: Any Com Skills A course.

HIST 2451 (3)

History of Latin America

A study of Spanish and Portuguese settlement of Latin America from the European conquest to the present. Topics include Iberian and Native American institutions, economy, social structure, politics, and cultural evolution in Latin America.

Prerequisite: Any Com Skills A course.

HIST 2630 (3)

The History of Science and Technology

This course is designed to introduce major themes in the history of science and technology since the Sixteenth Century. It will introduce the major trends in science since the Scientific Revolution. It will discuss the origins of the Scientific Method and explore great scientific minds and events in science. We will cover the evolution of math, biology, physics, as well as quantum theory and mechanics. In addition, we will discuss the corresponding technological advances of science applied to technology including (but not limited to) celestial mechanics, evolutionary theory, atomic power, and the personal computer.

Prerequisite: Any Com Skills A course.

HIST 2900 (3)

The Historian's Craft

This course will introduce students to reading, research, and interpretation in history. It will focus on a specific topic or theme from a comparative perspective and on the global connections and broad implications of that issue. The course will include guest lectures by history faculty.

Prerequisite: Any 2000-level HIST course or STSS 2601; courses may be taken concurrently.

HIST 3000 (3)

Citizenship and Border Identities in European History

As the world becomes increasingly inter-connected and inter-dependent, notions of citizenship and identity are shifting. Will national citizenship become obsolete as new regional and even global identities are created? This course seeks to provide a historical perspective for the concept of citizenship and address some of the complexities associated with establishing identities within cross-cultural environments. Specifically, the first section of the class will focus on how various European societies from ancient Greece to the twentieth century have defined citizenship. The second section of the course will be devoted to exploring border identities along the Franco-Spanish and Franco-German frontiers.

Prerequisite: One course from the Research and Epistemology A and one course from World Cultures A-C or Global Systems B-C.

HIST 3070 (3)

Sex, Gender, and History

This course examines the historical construction of sexuality using a comparative and global perspective. The focus will be on the relationship between gender and sexuality and how cultural beliefs about religion, race, and romantic love have shaped our attitudes towards sex.

Prerequisite: A grade of C- or higher in any R&E A course; ARTH 1000, CLST 1000, HUM 1000, MUS 1000, PHIL 1000, REL 1000, or THEA 1000; any one 2000-level HIST course.

HIST 3101 (3)

Greek History to Alexander

The history of the Greek world from Mycenaean times until the break up of Alexander's empire. A variety of topics include the origins of the classical Greeks, the evolution and decline of the polis as a political and social unit, the rise of Macedonia, and the conquests of Alexander the Great. The course stresses the use of primary source materials.

Prerequisite: HIST 2900; or A grade of C- or higher in any R&E A course and one of the following: HIST 2001, 2111, 2311, 2321, CLST 2600, STSS 2601.

HIST 3102 (3)

The Age of Alexander the Great

This course examines the career of Alexander the Great, 336-323 B.C.E., with due consideration to the historical conditions that created the opportunities for Alexander's conquest, as well as the aftermath of his campaigns. The reading and analysis of primary historical sources and modern interpretations will be emphasized.

Prerequisite: HIST 2900; or A grade of C- or higher in any R&E A course and one of the following: HIST 2001, 2111, 2311, 2321, CLST 2600, STSS 2601.

HIST 3111 (3)
Roman Republic and Empire

The history of Rome from its foundations until the overthrow of the last emperor in the West by the Germans. A variety of topics include myths and legends of early Rome, the Roman constitution, growth and defense of the empire, life at the imperial court, Roman society, and religion. The course stresses the use of primary source materials.

Prerequisite: HIST 2900; or A grade of C- or higher in any R&E A course and one of the following: HIST 2001, 2111, 2311, 2321, CLST 2600, STSS 2601.

HIST 3151 (3)
Medieval Europe

A history of European civilization from the fall of the Roman empire until the Renaissance. Some of the themes discussed include the establishment of the Germanic kingdoms, origins of feudalism, the relationship between Church and State, the Crusades, and the creation of nation-states.

Prerequisite: HIST 2900; or A grade of C- or higher in any R&E A course and one of the following: HIST 2001, 2111, 2311, 2321, CLST 2600, STSS 2601.

HIST 3170 (3)
Gender and Sexuality in the Classical World

This course explores the construction of gender identity in the Greco-Roman world. Through readings of poetry, drama, history, legal and scientific texts, ancient novels, and more, the student will examine how definitions of masculinity and femininity shaped ancient society. Artistic and archaeological evidence will also be considered.

Prerequisite: HIST 2900; or A grade of C- or higher in any R&E A course and one of the following: HIST 2001, 2111, 2311, 2321, CLST 2600, STSS 2601.

HIST 3222 (3)
Europe and the Age of Revolution

The cultural and political transformation of Europe from the eighteenth century to the end of the nineteenth century. The course focuses on changes in the structure of European society and politics between 1750 and 1870 including the origins and impact of the French Revolution and Napoleon.

Prerequisite: A grade of C- or higher in any R&E A course or HIST 2900.

HIST 3225 (3)
The Enlightenment and the French Revolution

This course examines the relationship between ideas, culture and politics in eighteenth-century France. Students will read works by major Enlightenment thinkers, and become familiar with the events and diverse historical interpretations of the French Revolution.

Prerequisite: Any 2000-level HIST course.

HIST 3231 (3)
Europe: the 20th Century

A study of the crisis in European civilization from 1890 to present. The course emphasizes the outbreak and impact

of World Wars I and II, the Russian Revolution, the rise of fascism in the 1930s, and the major impact of the Cold War on Europe.

Prerequisite: HIST 2900 or A grade of C- or higher in any R&E A course.

HIST 3242 (3)
History of Spain

This course explores the history of Spain from the ancient Iberians to the post-Franco era. Although the class will examine the ancient and medieval periods, it will focus on early modern and modern Spain.

Prerequisite: HIST 2900 or A grade of C- or higher in any R&E A course.

HIST 3252 (3)
Modern Russian History

A course designed to trace the origins of the USSR in its Tsarist past, explore the Revolutions of 1917, and examine the subsequent 70 years of Communist rule. Supplementing historical evidence with political theory, literature, and economic data, the course raises broad questions about social change.

Prerequisite: HIST 2900 or A grade of C- or higher in any R&E A course.

HIST 3270 (3)
Gender in Medieval and Early Modern Europe

The history of women and gender roles in western Europe from the birth of Christianity to around 1800. The course examines how women's and men's sexual and gender identities were shaped by the major historical developments of the period. Topics include family, work, religion, politics and sexuality.

Prerequisite: ARTH 1000, CLST 1000, HUM 1000, MUS 1000, PHIL 1000, REL 1000, or THEA 1000; any one 2000-level HIST course; A grade of C- or higher in any R&E A course.

HIST 3302 (3)
History of Modern China

An analytical exploration of Chinese history from the mid-Qing period to the current People's Republic of China focusing on the factors that changed China over time, including the impact of foreign intervention, attempts to change traditional institutions and ideas, the forces of revolution, the rivalry between the Nationalist and Communist parties and the emergence of China after 1949 into a major world power.

Prerequisite: Any 2000-level HIST course.

HIST 3322 (3)
History of Modern Japan

An in-depth analysis of Japan, from its transition from the feudal mid-Tokugawa era to its emergence as a major power in the 21st century, focusing on the impact of the West, the Meiji Restoration, Japanese imperialism in Asia and the Pacific, the drift towards World War II and its consequences, the U.S. Occupation and Japan's transformation into an economic powerhouse and the strains produced by such growth.

Prerequisite: Any 2000-level HIST course.

HIST 3326 (3)**Cultural History of Japan**

An historical and thematic study of Japan's traditional culture focusing on the emergence, adaptation and maturation of those aspects of its art, institutions, literature, religion, drama, music, ideas and other cultural developments that define Japanese aesthetics.

Prerequisite: Any 2000-level HIST course.

HIST 3352 (3)**History of Modern South East Asia**

A survey of southeast Asian cultures, religions, institutions, and politics as experienced in Burma, Thailand, Laos, Cambodia, Vietnam, Malaysia, Indonesia, and the Philippines during the last century.

Prerequisite: Any 2000-level HIST course.

HIST 3362 (3)**History of India**

This course offers an introduction to the history and culture of the Indian subcontinent. It will examine the roots of Indic civilization, explore its classical past, survey the rise and decline of the region's Buddhist, Hindu and Muslim empires, study its experience of European colonialism and trace the development of the region's modern nation states. Its special focus is the region's place in world history, from its role as the birthplace of several of the world's major religious and philosophical traditions to its current status as a major player in the process of cultural as well as economic globalization.

Prerequisite: Any 2000-level HIST course; A grade of C- or higher in any R&E A course.

HIST 3411 (3)**US: Jackson to Civil War**

A class survey of the course of American history during one of its key formative periods includes the expansion of the United States up to the Civil war, the growth of sectional conflict, the slavery and abolitionist movement, the events leading up to and the course of the civil war, and the problem of reconstructing the Union. Students will have the opportunity to read and discuss the variety of primary source materials as well as the interpretations of modern historians.

Prerequisite: HIST 2002, 2251, 2401, 2402, 2451 or STSS 2601.

HIST 3414 (3)**"Untied States:" Race and Ethnicity in American History**

This course examines race and ethnicity in American history from the colonial period to the present. It will contrast the historical experiences of various racial and ethnic groups and will examine how each group was treated in relationship to other groups. In particular, we will examine how the racial and ethnic diversity of the U.S. has informed debates about American identity. The course also integrates Hawaiian history into the wider history of race and ethnicity in the U.S., showcasing "local" cultural patterns as both exceptions to and exemplars of wider American and global patterns of race and ethnicity.

Prerequisite: Any course from *Research and Epistemology A*; any course from *World Cultures A, B, or C* or *Global Systems A, B or C*.

HIST 3421 (3)**Gilded Age/Progressive Era**

A course that covers the new urban/industrial order at the turn of the century and examines the responses that this new landscape engendered both at home and abroad. The course is organized around the theme of conflict, including class, cultural, and political conflict. Topics include industrialization, imperialism, populism, progressivism, race relations, roaring twenties, and the onset of the Great Depression.

Prerequisite: HIST 2002, 2251, 2401, 2402, 2451 or STSS 2601.

HIST 3441 (3)**U.S. History since World War II**

The study of social, political, economic, and cultural forces shaping the United States since 1945 through the 1990s. Featured units include surveys of influential people, development and conflict of political and economic ideas and policies, and cultural trends.

Prerequisite: HIST 2002, 2251, 2401, 2402, 2451 or STSS 2601.

HIST 3461 (3)**American Intellectual History**

The major ideas and trends in thought from colonization to the present, with particular emphases on the beliefs that shape American society today.

Prerequisite: HIST 2002, 2251, 2401, 2402, 2451 or STSS 2601.

HIST 3465 (3)**US - Japanese Relations 1853-Present**

This course studies the relationship between Japan and the United States in the modern world. It will begin with the forcible opening of Japan to the West by the United States in 1853 and it will run up to the present day. We will concentrate on each country's perception of the other and their interactions with each other sometimes called cultural relations, formal diplomatic relations, economic relations, and military relations. This course will define the fundamental nature of the relationship as one of conflict.

Prerequisite: Any 2000-level HIST course.

HIST 3470 (3)**Women in America**

An introduction to the history of women in America from the colonial period to the present. The course traces the major turning points in the history of women as a sociological group and also analyzes how ethnicity, class, identity, and regionalism intersect with gender in creating diverse experiences for women.

Prerequisite: A grade of C- or higher in any R&E A course or HIST 2900.

HIST 3480 (3)**History of Leisure and Sport in America**

This course examines the evolution of leisure and the role of sporting activities in the development of American culture from the colonial period to the present. The first part of the course looks at the growth of leisure time and

its experiential qualities (class, gender, and ethnicity) in Early America. The second part focuses on the distinctive post-industrial construction of leisure time and the rise of modern sports in recent America. Students will examine why Americans needed these “pastimes” and how this need changed over time, accounting for the political, economic, and social significance of leisure and sports in America.

Prerequisite: HIST 2900 or A grade of C- or higher in any R&E A course.

HIST 3501 (3)
Islam and the Middle East

The history of the Middle East and the role played by Islam in the region. Topics include: the Middle East before the coming of Islam; Mohammed and the evolution of Islam; the creation and growth of Muslim states; and the modern Middle East and its interaction with the West.

Prerequisite: HIST 2900 or A grade of C- or higher in any R&E A course.

HIST 3551 (3)
Pacific Island History

The origins and development of the cultural attributes of the island peoples of the Pacific and their response to the impact of the West. The course employs the perspectives of history, anthropology, and the humanities.

Prerequisite: A grade of C- or higher in any R&E A course or HIST 2900.

HIST 3556 (3)
History of Hawai'i

A course that deals with the heritage, history, and folkways of the various groups who have come to the Hawaiian Islands, with emphasis upon local historical and cultural events. The course employs the perspectives of history, anthropology, and the humanities.

Prerequisite: A grade of C- or higher in any R&E A course or HIST 2900.

HIST 3558 (3)
Living History of Hawai'i

This course traces the history of the Hawaiian Islands from the first Polynesian settlements to the establishments of the territory of Hawai'i in 1900. It focuses on the era from the arrival of the first Westerners in 1778 to the overthrow of the monarchy in 1893. A key theme of the course will be the interaction between native Hawaiian culture and Western civilization.

Prerequisite: A grade of C- or higher in any R&E A course or HIST 2900.

HIST 3559 (3)
Preservation-Hawai'i's Heritage

A course designed to investigate the theory, methods, and approaches to historic preservation in Hawai'i. Through readings, lectures by various people active in the preservation field in Hawai'i, case studies, and visits to significant historic sites, students develop a more thorough understanding of historic preservation and a deeper appreciation of ways to carry Hawai'i's past into the twenty-first century.

Prerequisite: A grade of C- or higher in any R&E A course.

HIST 3571 (3)
The African Diaspora

The course introduces the history of the African Diaspora from the A.D. 1500 to the present. It focuses primarily on the African impact on the Americans, Europe, and the Pacific Islands. It will examine important themes associated with identity formation, imperialism, nationalism, and slavery.

Prerequisite: A grade of C- or higher in any R&E A course or HIST 2900.

HIST 3576 (3)
The Atlantic World in the Age of Empire

This course examines the development of the Atlantic World from the mid fifteenth through the early nineteenth centuries. We will examine how the Atlantic acted as a powerful connective force, uniting diverse peoples through economic, intellectual, cultural, and ecological systems and promoting the interchange of ideas, people, and technology. The course will take a thematic, systems approach by examining topics such as colonization, migration, slavery, mercantile capitalism, imperialism, and revolution as they manifested themselves in this Atlantic world.

Prerequisite: A grade of C- or higher in any R&E A course or HIST 2900.

HIST 3650 (3)
History of Oil in the Modern World

The History of Oil in the Modern World will explore the rise of oil as a strategic commodity and its influence on world politics and economic systems in the modern period, from its discovery in 1859 to its role in the strategic relationships between the Middle East and other nations today. We will study its uses, and the dominance of Western oil companies in its extraction in Russia, the Middle East, Indonesia, Venezuela, Nigeria, and Libya. The role of oil in our daily lives and the global and local impacts of the use of oil will also be examined.

Prerequisite: Any Global Systems A, B, or C course. Undergraduate standing.

HIST 3661 (3)
History of Warfare to 1500

The history of warfare from earliest times until A.D. 1500. It is not, however, merely the study of battles, weapons, and tactics, although these topics are covered. The course also examines how changes in society and technology affected the conduct of war; conversely, the impact of war on society and technology are discussed.

Prerequisite: A grade of C- or higher in any R&E A course or HIST 2900.

HIST 3662 (3)
War and Society Since 1500

The history of warfare from A.D. 1500 to the present. Examines how changes in society and technology have altered the conduct of war and how war affects society and technology. The primary focus is on Europe and the United States with some study of the Middle East and East Asia.

Prerequisite: HIST 2900 or A grade of C- or higher in any R&E A course.

HIST 3666 (3)**U.S. Military History**

A survey of the development of U.S. military forces to the present day, including organizational, tactical, technological, and strategic aspects, with an emphasis on operations. The Revolutionary War, the Civil War, the Spanish American War, the U.S. role in World War II (stressing the Greater East Asian War), the Korean War, and the Vietnam War are discussed.

Prerequisite: A grade of C- or higher in any R&E A course or HIST 2900.

HIST 3676 (3)**U.S. Diplomatic History**

A survey of U.S. diplomatic history from the American Revolution to the 1990s, emphasizing forces that have shaped America's behavior in the international arena. Themes include: landed and commercial expansion that drove the nation outward between the 1750s and 1940s; steady centralization of power at home, especially in the executive branch of government after 1890, and the role of foreign policy therein; isolationism; the singular importance of the transitional 1850 to 1914 era; and the interrelationship between U.S. social and diplomatic history.

Prerequisite: HIST 2900 or A grade of C- or higher in any R&E A course.

HIST 3776 (3)**Modern Imperialism**

This course will study the origins and development of the modern imperial idea, formal and informal, from its apex in the 19th century, to its waning, if persistent, influence in the second half of the twentieth century and its contemporary manifestations

Prerequisite: A grade of C- or higher in any R&E A course or HIST 2900.

HIST 3780 (3)**Modern World Revolutions**

This course examines the underlying causes and effects associated with revolutionary movements with emphasis on the twentieth century. It explores revolutionary philosophies and strategies of world leaders, analyzes how political, environmental and economic conditions spark popular uprisings and explores the ways in which these interact with perceptions of poverty, oppression and foreign domination to inspire people to struggle for reform and seek a better way of life. The Russian, Chinese, Vietnamese, Cuban, Nicaraguan, and Islamic revolutionary movements will receive close attention.

Prerequisite: Any 2000-level HIST course.

HIST 3788 (3)**Food in World History**

This course enables students to approach world history through an overview of food and foodways. Students will explore how world historical processes, such as famine, religious practice, national identity, social organization, imperialism, and war are expressed, influenced or illuminated by cuisine, diet, and nutrition. Students will also study how food choices and consumption patterns are affected by encounters between cultures. The impact of increasing industrialization of food production and globalization of dietary choices and patterns of food

consumption will also be examined.

Prerequisite: A grade of C- or higher in any R&E A course or HIST 2900.

HIST 3792 (3)**Encounters and Exchanges in Modern World History**

This course examines the nature, course and impact of encounters and exchanges, cultural and economic, between civilizations and across global regions from the early modern period (c. 1500) to the present. It explores how much interaction confirms, alters or changes the way societies see themselves as well as their view of those with whom they come into contact. The impact of trade networks, the role of intermediaries between cultures in contact, the cross-regional impact of the exchange of crops, diseases and animals, and the processes of colonialism and globalization are among those topics which will receive close attention.

Prerequisite: Any 2000-level HIST course.

HIST 3900 (3)**Research and Writing Across Time and Culture**

This course provides general training in research and writing. The course is not geared to history majors alone, but rather develops broadly applicable cognitive skills of value to students in many disciplines and in any future career. Among the skills developed in this course are source identification and evaluation, generating an effective research agenda, formulating a research hypothesis, constructing a persuasive argument, and enhancing written and oral communication skills. In addition, the course explores the role and function of the historian and the value of historical approaches in a multi-disciplinary and multi-cultural setting.

Prerequisite: A grade of C- or higher in any R&E A course.

HIST 3990 (1 to 3)**Nonpaid Internship**

See Internship Section.

HIST 3991 (1 to 3)**Paid Internship**

See Internship Section.

HIST 4661 (3)**History of Military Thought**

An examination of the role of military theorists throughout history and their impact both on the military and political establishments. Some of the authors who may be considered include Sun-tze, Machiavelli, Clausewitz, and Jomini, and their impact on both strategy and policy is discussed.

Prerequisite: Any 3000-level history course.

HIST 4900 (3)**Seminar in History**

A seminar style course that incorporates class discussions, oral presentations, and a major written research project. The focus varies depending on the instructor, but possibilities include historiography, a specific geographical region, or a chronological period. Includes discussion of methods of historical research and inquiry.

Prerequisite: Any 3000-level history course.

HIST 4901 (3)

Seminar: World History

An examination of the field of world (or global) history. It is not designed to be a comprehensive view of the human experience. Instead it looks at some of the important themes in world history (such as the cross-cultural contact, frontiers, etc.) and the approaches used in the study of world and comparative history.

Prerequisite: Any 3000-level history course.

HIST 4911 (3)

Seminar: Ancient History

An examination of selected topics in antiquity from the earliest civilizations of the ancient near east through the fall of Rome. Topics vary but may include the fall of bronze age civilizations, the Greek polis as a political/social institution, the rise of Rome, etc. In each case, students are acquainted with the pertinent primary source material as well as the works of modern authorities.

Prerequisite: Any 3000-level history course.

HIST 4961 (3)

Seminar: Military History

An examination of selected topics in military history, possible topics for the course may include the development of the art of war in Western Europe, or the clash between western military methods and those of other regions including the Middle east and Asia. Students will read some of the latest works in military history that show the trends in the "new military history" that emphasizes institutions as well as "battle studies."

Prerequisite: Any 3000-level history course.

HIST 6011 (3)

Approaches to World History

This course provides an introduction to the most important literature, themes, theories, interpretations, concepts, and methods of world history as a field of research, teaching and scholarship.

Prerequisite: Graduate standing.

HIST 6061 (3)

Modern Imperialism

This is a graduate level seminar on imperialism in modern history. The course will study the origins of the imperial idea, formal and informal, its apex in the 19th century, its waning if persistent influence in the second half of the twentieth century and its contemporary manifestations. It will discuss various interpretations of the phenomenon in comparative perspective and analyze it in terms of its associated political, economic and social relations (especially ethnic and gender issues).

Prerequisite: Graduate standing.

HIST 6062 (3)

Modern World Revolutions

This course examines the origins, course and legacy of modern revolutionary movements with an emphasis on the twentieth century. It examines in both comparative and global perspective the role of ideology, culture, foreign intervention, religion, gender, and patterns of leadership, recruitment and tactics employed by these movements

and their opponents. It also examines their legacies as currently interpreted by contemporary movement leaders and historians.

Prerequisite: Graduate standing.

HIST 6063 (3)

Seminar: Atlantic System

This graduate level seminar introduces students to the concept of the Atlantic System. The course will promote understanding of the Atlantic Ocean as a connective rather than a divisive force in history. Topics of examination will include colonialism, economic structures, slavery, ecology, social construction and identity formation, and anti-systemic movements.

Prerequisite: Graduate standing.

HIST 6065 (3)

Modern Nationalism

This is a graduate level readings course on modern nationalism covering both the breadth of the topic and delving in-depth in certain areas of it. The course will study the development of nationalism, its apex in the 19th century and its waning influence in the second half of the twentieth century. The course will begin with definitions of nationalism, national-identity, and nation-building. The course will also demonstrate the significance of nationalism for modern life. Nationalism is the beating heart of the modern world, comprising what some historians have described as the most powerful form of collective identity other than the family in the modern world and overwhelming religion as the path to modern immortality.

Prerequisite: Graduate standing.

HIST 6066 (3)

Comparative Slavery

This graduate level seminar in Comparative Slavery will examine systems of involuntary servitude from the ancient through modern periods. The course will examine the history of slavery as a political, social, intellectual, and cultural as well as economic and racial construct thus seeking to escape the stereotypes of slavery created by the U.S. institution. Western and non-western slave systems will be studied.

Prerequisite: Graduate standing.

HIST 6067 (3)

Gender in World History

What is gender? The answer to this differs across cultures and historical time periods. In this course we will examine this question using a comparative and interdisciplinary approach. Over the past three decades, historical scholarship on women and gender has vastly increased our knowledge about women's lives and experiences, and has transformed the way we think about history by challenging traditional historical interpretations and periodization and offering new theoretical tools and approaches for examining the past. In this course, we will examine a selection of scholarly works that employ a variety of approaches to the historical study of gender and address a diversity of regions and time periods. Our focus will be on the ways that recent historians have explored the relationship between gender, race, class, ethnicity, and sexuality. Our concern will be not to gain an expertise on the specific topics these works treat, but rather to look at how they

contribute to our understanding of the ways in which gender has historically shaped the way people viewed and experienced the world.

Prerequisite: Graduate standing.

HIST 6101 (3)

The Ancient Mediterranean World

A reading seminar presenting the major themes and problems in the historical study of the ancient Mediterranean world. Topics include the growth and influence of Near Eastern civilization, the Greek city-states, the Hellenistic age, the Roman Republic and Empire, and the end of classical antiquity.

Prerequisite: Graduate standing.

HIST 6221 (3)

Early Modern Europe

This seminar explores some major historical problems and historiographical trends with a particular focus on developments in Europe during this period that relate to world history more generally, such as the Renaissance in Italy, the development of printing, and the consequences of discovery and conquest in the wake of 1492 which influenced developments within Europe as well as the ways in which Europeans interacted and perceived with the wider world.

Prerequisite: Graduate standing.

HIST 6231 (3)

Modern European History

This graduate seminar introduces students to recent influential literature on Modern European history. Defining moments that created Modern Europe will be examined, including: the French Revolution, nineteenth century nation building, the Industrial Revolution, the two world wars of the twentieth century, totalitarianism, the Cold War, and post-1945 integration.

Prerequisite: Graduate standing.

HIST 6300 (3)

Seminar: Chinese History

This graduate course studies Chinese history from the perspective of world history by exploring themes central to an understanding of China itself and by connecting these themes, where possible, to global historical issues.

Prerequisite: Graduate standing.

HIST 6320 (3)

Seminar: Japanese History

This course studies Japanese history by focusing on important themes explored in specialist literature, from earliest to contemporary times. It poses questions relevant to understanding these themes and in the process presents a thorough overview of the scholarship available to answer these questions.

Prerequisite: Graduate standing.

HIST 6401 (3)

U.S. History to 1877

This graduate level reading seminar is designed to introduce students to major topics and issues in American history from the colonial period to the end of Reconstruction. The course will focus upon familiarizing students with the narrative content of the period and with introducing

them to the major historiographical trends and debates in early American history.

Prerequisite: Graduate standing.

HIST 6402 (3)

American History since 1865

This is a graduate readings course on the second half of American history. We will study American history from 1865 to the present emphasizing important themes of race, class, gender, nationalism, Americanization, imperialism, warfare, dominance of the two party system, and the perceived decline of American civilization and its rebirth.

Prerequisite: Graduate standing.

HIST 6551 (3)

Pacific Islands History

This course has two basic goals. First, it intends to outline the historical development of the Pacific (Polynesia, Micronesia, and Melanesia) from the pre-contact period to the present. However, the focus of the class will be on the period following Western contact. The second goal of the course is to present the history of the Pacific in a global context and examine themes that extend beyond the Pacific. In particular, first contact, imperialism, westernization, nationalism, and environmental sustainability will be examined. The thematic focus will be examined on both a regional and national level.

Prerequisite: Graduate standing.

HIST 6556 (3)

Hawaiian History

This course has two basic goals. First, it intends to outline the historical development of Hawai'i from the pre-contact period to the annexation of Hawai'i to the United States. However, the focus of the class will be on the period following Western contact. The second goal of the course is to present various key historical and historiographical themes in Hawaiian history. These themes are not only particular to Hawai'i but can also be situated in a contemporary global context. In particular, first contact, cultural conflict, imperialism, westernization, racism, and nationalism will be examined.

Prerequisite: Graduate standing.

HIST 6571 (3)

Seminar: African History

This course is an introduction to African history from pre-history to the present. The course will focus on examining major issues and problems in African history and historiography. The course will also be concerned with analyzing Africa's historic relationship to the non-African world and its connection to global systems.

Prerequisite: Graduate standing.

HIST 6600 (3)

Seminar: Military Historiography

A course that introduces the discipline of military history. It looks at the various methodological approaches that military historians have used to the field of military history. Included are discussions of traditional "battle studies" as well as the "new" military history such as viewing military history in the broader context of war and society.

Prerequisite: Graduate standing.

HIST 6601 (3)**Seminar: Theory/Practice Diplomacy**

A course that links together the historical study of diplomacy in its implementation as national grand strategy. The seminar looks at some of the great diplomatic and military theorists from ancient times through today and then analyzes how their theories were put into strategic practice.

Prerequisite: Graduate standing.

HIST 6611 (3)**Seminar: War in the Ancient World**

A course that considers the role of warfare from the age of chariot empires in the second millennium B.C. until the fall of the Roman empire. Themes will vary but may include such topics as the warfare in the age of the Greek polis, the impact of Alexander the Great, the Roman army as an institution, etc.

Prerequisite: Graduate standing.

HIST 6622 (3)**Seminar: The Military Revolution**

A seminar that centers on a topic that has engaged historians for the past forty years, the military revolution debate which suggests a revolution in warfare that helped place Europe on the road of world dominance. This course examines the question as to whether there was indeed a military revolution or rather an evolution.

Prerequisite: Graduate standing.

HIST 6624 (3)**Seminar: Revolutionary and Napoleonic Warfare**

A seminar that discusses a pivotal period in the development of modern war, the age of the French Revolution and Napoleon. Some of the topics include the impact of nationalism on warfare, the reaction of Europe to Napoleonic warfare, and analysis of Napoleon as a commander.

Prerequisite: Graduate standing.

HIST 6627 (3)**Seminar: The First World War**

The purpose of this course is to provide an in-depth analysis of World War One in Europe and the world. This seminar will analyze WWI as a watershed event in the formation of modern society. We will discuss the war, diplomacy, battles, tactics, and important personalities during the period 1914-1919.

Prerequisite: Graduate standing.

HIST 6628 (3)**Seminar: The Second World War**

This graduate readings course introduces students to some of the most recent and influential literature on, as well as the major historical themes and controversies regarding, the Second World War. Topics may include: race and ideology, the Holocaust, campaign analyses, military effectiveness, strategic decision-making, operational art, and coalition war-fighting.

Prerequisite: Graduate standing.

HIST 6631 (3)**Seminar: Ways of War in China**

A seminar that considers the nature of war and the role of the military in China from earliest times until the present.

Some possible topics include the tradition of military thought in China, the military in Chinese society, western military influences in China, and the study of important battles and campaigns.

Prerequisite: Graduate standing.

HIST 6632 (3)**Seminar: Ways of War in Japan**

A seminar that focuses on the impact of warfare and the military on Japanese history over the past one thousand years. Some of the issues covered in the course may include the development of a warrior class and martial ethic, the impact of the West on Japan's military forces and rise of militarism.

Prerequisite: Graduate standing.

HIST 6641 (3)**Seminar: The American Way of War**

A seminar that looks at the conduct of war in the context of the American experience. It does not focus on any particular campaign, but rather looks at how American strategic thought and military doctrines have evolved over time. Some themes that are explored include the image of the citizen soldier, creation of a professional officer corps, etc.

Prerequisite: Graduate standing.

HIST 6643 (3)**Seminar: The American Revolution**

This seminar encompasses the history of the war for American independence and examines the conflict from contextual, strategic, operational and tactical levels. By considering all perspectives on the war, the student will draw analytical conclusions based on a broad understanding of the political and military imperatives as well as contextual dynamics.

Prerequisite: Graduate standing.

HIST 6645 (3)**Seminar: The American Civil War**

A seminar that looks at one of the major conflicts of the 19th century and a forerunner of modern warfare. This course deals with the strategies and battles of the war as well as some of the salient issues that arise out of the conflict including its effects on American society and culture.

Prerequisite: Graduate standing.

HIST 6648 (3)**Seminar: 20th Century U.S. Military History**

A seminar that examines the American military experience during the last one hundred years. Topics may vary but some of the issues covered may include the American involvement in a particular war, the expansion of America's armed forces during the century, and the impact of technology on American military thinking and doctrine.

Prerequisite: Graduate standing.

HIST 6649 (3)**Race, Sex, and War in U.S. History**

This seminar will examine the intersection of race, gender, sexuality and war throughout the history of the U.S.

Students will be encouraged to consider a broad range of topics including the contributions and minorities to the U.S. military, the impact of war upon "social progress" in the U.S., the military as a medium of social change, the relationship between war and definitions of masculinity, femininity, and Americanism, and the gendered nature of conflict and the U.S. military itself.

Prerequisite: Graduate standing.

HIST 6658 (3)

Seminar: 20th Century Naval Warfare

A seminar that considers the evolution of naval warfare during the 20th century. Some of the topics that may be discussed include the impact of new technologies (e.g., submarines and aviation) on naval warfare, the projection of power on the sea, amphibious operations, and the analysis of particular campaigns.

Prerequisite: Graduate standing.

HIST 6661 (3)

Seminar: European Diplomatic History

A seminar that explores the role of diplomatic relations in modern European history, in particular the 19th and 20th centuries. Some of the themes explored may include the concept of the concert of Europe, great power diplomacy and the alliance system at the turn of the century, the Grand Alliance, Cold War politics, etc.

Prerequisite: Graduate standing.

HIST 6662 (3)

Seminar: U.S. Diplomatic History

A seminar that considers some of the key themes in the history of United States foreign relations, especially since the late 19th century. Some of the topics covered may include the development of American diplomacy in the age of imperialism, U.S. isolationism in the interwar years, and Cold War foreign relations.

Prerequisite: Graduate standing.

HIST 6663 (3)

Seminar: East Asian Diplomatic History

A seminar that examines the history of diplomacy and foreign relations in the East Asian political arena. Topics vary but may include such issues as the Chinese tradition of tributary relationships, the role of militarism in Japanese diplomacy, and the impact of Western imperialism on Asian politics.

Prerequisite: Graduate standing.

HIST 6664 (3)

Middle Eastern Diplomatic History

This course provides students an enlarged perspective on contemporary Middle Eastern and Southwest Asian affairs. The course discusses traditional cultures, but concentrates on the twentieth century. We will cover cultural, social, economic, and religious factors as appropriate. The focus of the course, however, is on politics, conflict, and conflict resolution.

Prerequisite: Graduate standing.

HIST 6665 (3)

International History of the Cold War

This course considers problems and issues that affected different regions of the world as those problems and is-

ues related to the Soviet-American rivalry, or the Cold War, between 1945 and 1991. Specifically, it explores the origin of the Cold War; its implications for the United States and the Soviet Union; its impact in Europe, Latin America, the Middle East, Sub-Saharan Africa, South and Central Asia, East Asia, and Southeast Asia; and the collapse of Soviet-style communism in Eastern Europe and the Soviet Union itself.

Prerequisite: Graduate standing.

HIST 6670 (3)

History of Genocide

This graduate seminar introduces student to issues and themes in the history of genocide, via a comparative case-study approach. It examines the phenomenon of genocide from the perspective of both perpetrators and victims for, only by truly understanding past genocide can one hope to help prevent its future occurrence.

Prerequisite: Graduate standing.

HIST 6686 (3)

Seminar: War and Society in Wilhelmine Germany, 1871-1918

A seminar that confronts the relationship between the German armed forces and Wilhelmine society. Designed as a reading seminar, the course explores the impacts of the unification of Germany, the rise of a powerful German navy, German colonial warfare, and the Great War on German culture, politics, and society.

Prerequisite: Graduate standing.

HIST 6996 (3)

Special Topics in World History

This is a special topics seminar in World History. Course content will vary as set forth in an approved syllabus. Course may be repeated as contents change.

Prerequisite: Graduate standing.

HIST 6997 (1 to 3)

Directed Readings in History

Directed individualized readings.

Prerequisite: Graduate standing.

HIST 6998 (3)

Special Topics in Diplomatic History

This is a special topics seminar in Diplomatic History. Course content will vary as set forth in an approved syllabus. Course may be repeatable as contents change.

Prerequisite: Graduate standing.

HIST 6999 (3)

Special Topics in Military History

This is a special topics seminar in Military History. Course content will vary as set forth in an approved syllabus. Course may be repeatable as contents change.

Prerequisite: Graduate standing.

HIST 7101 (3)

Teaching and Research Methods

This course is designed to assist you with the application of world historical literature, themes, theories, concepts, and methods in the classroom and with your research.

Over the course of this semester we shall explore the impact of world history on the changing curricula, its role in addressing an increasingly diverse student population, and its interdisciplinary appeal.

Prerequisite: Graduate standing.

HIST 7201 (3)
Thesis Paper

The thesis course is the last course for the completion of the Plan A capstone and MA in World History. The student will write the thesis paper that he or she proposed in History 7201 Teaching and Research Methods.

Prerequisite: Graduate standing.

HIST 7601 (3)
Research and Writing in Military Studies

A seminar that exposes students to a variety of methodologies and tools for conducting research in the field of military studies. There will also be considerable discussion on the evaluation of primary source materials as well as secondary studies used in the course of research.

Prerequisite: Graduate standing.

HIST 7602 (3)
Integrative Seminar in Military Studies

A capstone course in which students prepare a polished research paper on a topic of their own choosing. The paper will integrate the knowledge base with various methodological approaches and tools that the students have developed in the course of their program of studies.

Prerequisite: Graduate standing.

HIST 7603 (1)
Continuing Integrative Seminar in Diplomacy & Military Studies

A continuation of the HIST 7602 capstone seminar in which students research and write their MA-DMS Professional Paper on the topic and with the two faculty mentors approved in HIST 7601.

Prerequisite: Graduate standing.

HR – Human Resources

HR 6320 (3)
Global Human Resource Management

This course examines the impact of globalization on the HR function. Cultural diversity, expatriation, and the role of transnational firms in developing economies receive special attention. Students will investigate the similarities and differences between HR techniques in national and multinational firms.

Prerequisite: Graduate standing.

HR 6400 (3)
Human Resource Management

This survey course stresses a systematic approach to human resource management and decision making. The role of HR managers is discussed, focusing specifically on the following functional areas: strategic human resource management, workforce planning and employment, and employee and labor relations. Using discussion, independent research, and objective testing, students build their knowledge of human resource management.

Prerequisite: Graduate standing.

HR 6420 (3)
Compensation Management

This is a survey course, in which students explore the contemporary issues and challenges facing compensation managers. Changes in legislation are considered, along with behavioral science theories, social and human factors, and economics. Students investigate the compensation management decision-making process, and the impact of these decisions on stakeholder constituencies.

Prerequisite: HR 6400. Graduate standing.

HR 6450 (3)
Occupational Safety and Health Management

This course focuses on the two major forces in safety management: the Occupational Safety and Health Act, and Worker's Compensation Law. Using these laws as a foundation, students learn: how to conduct safety inspections and accident investigations; how to deliver specific safety training; and how theories of human behavior and motivation can be used to develop corporate safety policies.

Prerequisite: Graduate standing.

HR 6460 (3)
Human Resource Development

This course investigates the factors that affect adult learning. Theories of motivation, human behavior, and androgogy are explored. Students will investigate mechanistic and traditional training modalities, and the circumstances under which these methodologies may be optimally employed.

Prerequisite: HR 6400 or 6320. Graduate standing.

HR 6470 (3)
Collective Bargaining and Labor Relations

This course examines the processes by which employees unionize their workplaces and provides practice in the labor negotiation process. Through case studies and simulated collective bargaining exercises, students will build their knowledge of, and skills in, labor negotiations.

Prerequisite: HR 6400 and 6420.

HR 6990 (1 to 3)

HR 6991 (1 to 3)

HR 7021 (3)
Certification Seminar in Human Resources

A capstone course for graduate students enrolled in the MA/HRM program or MBA students with a human resources management concentration. All of the major areas in the HRM field are generally revisited. The course will be taught through a combination of lectures, in-class discussions, and experiential exercises that should assist the student in successfully completing the Human Resource Certification Institute (HRCI) examination level of Professional in Human Resources (PHR). NOTE: Successfully completing this course will not, in and of itself, guarantee passing the certification examination.

Prerequisite: HR 6400, 6420, 6450, and 6460; LAW 6000.

HS – Health Science**HS 3010 (3)****Health Policy Analysis**

An overview of the health care system in the United States and its challenges and instruction in the core elements of health policy and analysis including problem definition; background; political, economic, and social landscape; development of policy options; and recommendations. Emphasis will be on major health policy institutions and important issues that intersect these institutions. The key components include the major insurers, Medicare, Medicaid, Congress, and state legislatures. In addition, special focus will be given to the uninsured, quality of care and long term care.

Prerequisite: ANTH 2000.

HS 3020 (3)**Epidemiology**

An overview of the relationships between potential risk factors and health outcomes and how causal relationships are interpreted for public health decision making. This course will provide a comprehensive understanding of sources of population data in term of morbidity, mortality, and other vital statistics. Scientific methods for approaching population data and identifying public health problems and empirical analysis of data will be emphasized. Critical evaluation of medical and public health literature is included.

Prerequisite: MATH 1123 or SOC 3200.

HS 3030 (3)**Health Promotion and Wellness Management**

The study of the major ideologies and theories which serve to underpin health promotion and wellness management. The course will highlight the analysis and application of these theories on management programs for multicultural, special and vulnerable populations. The importance of using evidence to support all aspects of health promotion and wellness management will be emphasized throughout the course.

Prerequisite: ANTH 3200, HS 3010, and 3020.

HS 3040 (3)**Health Education Planning, Theory and Practice**

The analysis and application of teaching and learning with a health care context. Theories and principles of health education, integrating sociocultural, physical, psychological, and developmental dimensions across the lifespan will be examined. Through a variety of activities, students learn how to assess learning needs, develop teaching plans, apply specific teaching strategies and evaluate the effectiveness of health education for individuals and groups in various settings. Students will apply teaching and learning concepts and principles through completion of a community service-learning educational program.

Prerequisite: ANTH 3200, HS 3010, and 3020.

HS 3990 (2 to 3)**Nonpaid Internship**

A minimum of 150 to 200 hours (per 2 or 3 credits respectively) of nonpaid work experience in a pre-professional, managerial, supervisory, or technical setting in a career related area under supervised conditions. Comprehensive

written reports are required by an assigned HPU instructor. Internships are defined as training and can be offered in all majors.

Prerequisite: Completion of all upper-division courses in the major (HS 3010, 3020, 3030, 3040, and 4700)

HS 3991 (2 to 3)**Paid Internship**

A minimum of 400 or 600 hours (per 2 or 3 credits respectively) of paid work experience in a pre-professional, managerial, supervisory, or technical setting in a career related area under supervised conditions. Comprehensive written reports are required by an assigned HPU instructor. Internships are defined as training and can be offered in all majors.

Prerequisite: Completion of all upper-division courses in the major (HS 3010, 3020, 3030, 3040, and 4700).

HS 4700 (3)**Research, Evaluation and Planning for Health Science**

Evidence-based research in the health sciences. Students will develop and apply the basic skills in scientific reasoning, research methodologies, evaluation and planning for their application to health science practices, critically assess research in the health science literature, develop appropriate research questions, apply theoretical frameworks, employ qualitative and experimental research methodologies for evidence based practice, consider ethics questions, and construct an evidence-based research protocol for practice.

Prerequisite: HS 3010, 3020, 3030, and 3040.

HS 4900 (3)**Health Science Seminar**

This capstone course for Health Science majors is designed to provide a framework for students to integrate health related topics and issues into a culminating experience. Students will analyze and reflect on individual and sociocultural health issues and problems involving the promotion and maintenance of psychological, social, and physical states of health and well-being based on relevant physical and social sciences, skills and knowledge of health education as they apply to diverse and vulnerable populations. Critical thinking, project planning and management, communication and analytic skills are integrated.

Prerequisite: Completion of all upper-division courses in the major (HS 3010, 3020, 3030, 3040, and 4700). Corequisite: HS 3990.

HS 6990 (2)**Nonpaid Internship**

A minimum of 150 hours of nonpaid work experience in a preprofessional, managerial, supervisory, or technical setting in a career related area under supervised conditions. Comprehensive written reports are required by an assigned HPU instructor. Internships are defined as training and can be offered in all majors.

Prerequisite: MGMT 6000, 6445; MKTG 6445; FIN 6445; and in the last semester of certificate program. Graduate standing. Corequisite: MGMT 6930.

HUM – Humanities**HUM 1000 (3)****Introduction to the Humanities**

Personal and social values such as the meaning of freedom, the nature of truth, the concept of justice, and what makes for a good life will be explored through the arts, literature, religion and philosophy from a wide spectrum of world cultures. Analysis of historical contexts will prove useful for guiding today's life choices.

HUM 1270 (3)**Introduction to Women's Studies**

An introduction to the key issues, questions and debates in the interdisciplinary field of women's studies, with particular emphasis on the ways women's experiences and identities are shaped by race, class, ethnicity, and sexual orientation within a global context. This course is intended to serve as a foundation for upper-division courses in women's and gender studies.

HUM 3000 (3)**The Contemporary Choices**

Humanistic works presented and analyzed for their perspectives on the possibility of obtaining individual human happiness in our age of mass communication and ideology. Students choose, define, and present the major alternatives for an area of their individual choice.

Prerequisite: A grade of C- or higher in any R&E A course. Junior standing.

HUM 3100 (3)**Alternative Futures**

An interdisciplinary and cross-cultural attempt to understand the human capacity for free choice, creativity, and wisdom in the transformation of society. History is studied in terms of successes, failures, obstacles, opportunities, and unrealized possibilities in taking responsibilities for the future. Special emphasis is given to global economics and interdependence between the future of humanity and the life of the earth.

Prerequisite: A grade of C- or higher in any R&E A course.

HUM 3601 (3)**Mythology**

An introduction to the myths of ancient Greece and other cultures. The course focuses on the identification of mythic motifs, and on the significance of myth in human cultures. Students will also explore modern approaches to understanding myth's relation the psyche, society, history, art, and literature.

Prerequisite: A grade of C- or higher in any R&E A course or by permission of instructor. Junior standing.

HUM 3900 (3)**Research and Writing in the Humanities**

The presentation of analytical techniques for understanding humanistic works and exercises for developing advanced expository writing skills. Progressively intricate library research projects culminating in a major research paper.

Prerequisite: A grade of C- or higher in any R&E A course. Junior standing.

HUM 3990 (1 to 3)**Nonpaid Internship**

See Internship Section.

HUM 3991 (1 to 3)**Paid Internship**

See Internship Section.

HUM 4500 (3)**The World Problematique**

An interdisciplinary course on how the humanities (history, literature, philosophy, art, etc.) have shaped our world views and how the humanities can offer critical tools for addressing the problems facing the world today. Instructors may focus on a particular theme such as civilization, the environment, social and ethical concerns, etc.

Prerequisite: A grade of C- or higher in any R&E A course. Junior or Senior standing.

HUM 4550 (3)**The Military and Social Change**

A consideration of the role of the military in society and how social concerns can affect the military. Some of the issues that may be discussed include the integration of the military in terms of race and gender, the relationship between the military and the government, and ethical concerns of military personnel in dealing with prisoners of war, civilians, etc.

Prerequisite: A grade of C- or higher in any R&E A course.

HUM 4900 (3)**Interdisciplinary Seminar and Integrative Project**

A capstone honors seminar, interdisciplinary in approach, culminating in a major integrative project. The project may be either research-connected or creative. Although the course has been designed for students currently enrolled in Hawaii'i Pacific's University Scholars Program, others may enroll by consent.

Prerequisite: Senior standing.

HUM 6601 (3)**Seminar: Military and a Civil Society**

A seminar that examines the concept of civil society and the differing roles and contributions of the military. Some of the topics discussed may include race and gender issues within the military, conflicts between citizen liberties and national security, the impact of military technological advances on the larger society, the impact of the military on popular culture, and the fighting of drug wars.

Prerequisite: Graduate standing.

INTR – International Studies**INTR 1000 (3)****The International System**

This course introduces students to some of the most important and recent thinking on the international system. How should we think about this new world that is marked by the integration of globalization and the division of terrorism and genocide? Students will be introduced to several of the major works by well known thinkers on both previous global systems and new views of what the present and future international system will be. Possible

topics explored can include global ideological conflict, the spread of liberalism, the clash of civilizations, imperial systems, the rise of Asia and the decline of the West, etc.

INTR 3900 (3)

Contemporary Nations Seminar

A seminar studying in depth a specific country (to be announced) through readings, research, and interaction with students from the target country. Topics may include political, economic, social, cultural and other areas relevant to understanding this nation from a contemporary, interdisciplinary perspective.

Prerequisite: PSCI 1400 or 2000; A grade of C- or higher in any R&E A course.

INTR 3901 (3)

Contemporary Nations: Human Rights

A course that introduces students to the development of universal human rights' norms in the international system. The seminar examines contemporary debates concerning the universal implementation human rights, efforts to implement these at the national, regional, and international levels, and the links between human rights and democratization.

Prerequisite: PSCI 1400 or 2000; A grade of C- or higher in any R&E A course.

INTR 3910 (3)

Contemporary Nations: France

This is an interdisciplinary course that explores a number of contemporary topics dealing with France. It will start with an overview of modern French history and the political system of the Fifth Republic. It will then examine several contemporary issues in France: Republicanism and Laicite, social movements, immigration and citizenship, globalization and economy, culture, and foreign policy.

Prerequisite: A grade of C- or higher in any R&E A course; PSCI 1400, 2000, or 2500. Undergraduate standing.

INTR 3920 (3)

Contemporary Nations: Central and Eastern Europe

An interdisciplinary survey of Central and Eastern Europe. The countries offer a wide variation of development and change since the fall of communism. Topics explored include problems of democratic transition and consolidation, the challenges of creating market-based economic systems, and integration into the European Union and NATO.

Prerequisite: PSCI 1400 or 2000; A grade of C- or higher in any R&E A course.

INTR 3930 (3)

Contemporary Nations: China

An interdisciplinary look at China in the post-Mao (post-1976) period. Readings and other educational media and activities will offer an understanding of the dramatic changes in the economy, political system, society, and public cultures of the People's Republic of China. The course also includes an investigation of some critical issues in the process of integrating Hong Kong.

Prerequisite: PSCI 1400 or 2000; A grade of C- or higher in any R&E A course.

INTR 3931 (3)

Contemporary Nations: Hong Kong

The exploration of major local and international issues involved in the transfer of sovereignty from Great Britain to China. This course examines the context of Hong Kong's historical and economic role in Asia, with consideration given to post-1997 HK-PRC relationships.

Prerequisite: PSCI 1400 or 2000; A grade of C- or higher in any R&E A course.

INTR 3932 (3)

Contemporary Nations: Taiwan

An in-depth study of major developments (society, politics, economy, culture, foreign relations, etc.) occurring today in Taiwan, explored in the context of the significant historical changes occurring in the post-Chiang Kai-Shek era.

Prerequisite: PSCI 1400 or 2000; A grade of C- or higher in any R&E A course.

INTR 3933 (3)

Contemporary Nations: Southeast Asia

An examination of the cultural history and political economy of mainland Southeast Asia, a region that includes Burma, Cambodia, Laos, Thailand, and Vietnam. Topics include the rise and fall of ancient empires, colonialism, the Vietnam War, as well as some of the region's contemporary problems, including democratization, ethnic conflict, industrialization, and relations with world powers.

Prerequisite: PSCI 1400 or 2000; A grade of C- or higher in any R&E A course.

INTR 3935 (3)

Contemporary Nations: Japan

An interdisciplinary seminar that focuses on the geographical, environmental, social, economic, and political aspects of contemporary Japan. The primary emphasis is on how Japan has changed since World War II and the problems/issues it faces in the near future.

Prerequisite: A grade of C- or higher in any R&E A course; PSCI 1400 or 2000.

INTR 3936 (3)

Contemporary Nations: Korea

An examination of the political, economic, and social systems on the Korean peninsula. The course provides an in-depth analysis of changes and continuity in these systems with a focus on the post-World War II period. It also explores U.S.-Korean relations and the challenges and prospects for a peaceful resolution to the Korean conflict.

Prerequisite: PSCI 1400 or 2000; A grade of C- or higher in any R&E A course.

INTR 3940 (3)

Contemporary Nations: USA

An investigation by students of certain persistent social and political dilemmas such as race, America's reputation abroad, and social inequality. Students will look at the American culture from domestic and international perspectives. Does America deserve its reputation, good or bad, in other countries?

Prerequisite: A grade of C- or higher in any R&E A

course; PSCI 1400 or 2000.

INTR 3945 (3)

Contemporary Nations: Latin America

An interdisciplinary course that explores the geography, contemporary socio-political issues and cultural history of Latin America. Through different case studies, it examines the interlocking relationships of economic, geographic, historical, political and social structures in contemporary Latin America and this regions place in global affairs.

Prerequisite: Any Research and Epistemology A course; Any introductory social science course.

INTR 3990 (1 to 3)

Nonpaid Internship

See Internship Section.

INTR 3991 (1 to 3)

Paid Internship

See Internship Section.

INTR 4110 (3)

Diaspora Cultures

This course examines several different examples of people in Diaspora whether forcibly or through voluntary migration. It seeks to understand the phenomenon of groups of people who are defined and who define themselves as separate entities from some putative mainstreams, with a separate point of origin. Classic Diaspora cultures to be covered include the Jewish Diaspora, the African Diaspora, and the Chinese Diaspora. More recent Diasporas across the Pacific will also be included.

Prerequisite: Any introductory social science course; A grade of C- or higher in any R&E A course.

INTR 6300 (3)

International and Domestic Emergency Management

A comparative study of international and domestic emergency management. The course provides the basic tools for planning and implementing disaster and recovery plans. Topics include civil-military coordination in complex emergencies, NGO and public health issues, command, control and information management, communication and warning systems, intergovernmental relations, and media relations.

Prerequisite: Graduate standing.

INTR 6990 (1 to 3)

Nonpaid Internship

See Internship Section.

Prerequisite: Graduate standing.

INTR 6991 (1 to 3)

Paid Internship

See Internship Section.

Prerequisite: Graduate standing.

INTR 6997 (3)

Special Topics in International Studies

This is a special topics seminar in International Studies. Course content will vary as set forth in an approved syllabus. Course may be repeatable as contents change (up to 6 credits).

Prerequisite: Graduate standing.

IS – Information Systems

IS 5050 (3)

Modern Programming Fundamentals

This is a course in the fundamentals of modern programming. It is meant to be a first programming course for students without a Bachelor's degree in Computer Science or as a refresher course for computer professionals who have an interest in learning about modern programming languages and techniques. The course will introduce prospective MSIS students to the problem-solving and programming skills needed to succeed in a modern information technology graduate programs. IS 5050 is an intensive hands-on experience that will require most students to dedicate significant amounts of time to the weekly assignments.

Prerequisite: CSCI 1011 or 1041. Graduate standing.

IS 5060 (3)

Software Engineering Tools

A comprehensive introduction to software applications development principles and practices. The course integrates systems analysis techniques with prototyping. The objective is to study the process by which effective software systems are brought into existence. Topics include: methods and tools for software development, design heuristics, top-down decomposition, stepwise refinement, prototyping, and testing. The course will also cover examples of available software tools concentrating on MS Project, Rational Rose, and UML. The course requires extensive hands-on computer work.

Prerequisite: CSCI 1011 or 1041. Graduate standing.

IS 5070 (3)

Introduction to Hardware and Data Communications

A survey of basic hardware and data communications principles. The course discusses topics in: machine programming sequencing and data structure addressing methods; processor evolution and design; memory structures; peripherals; fundamental communications concepts; and data communication hardware devices. The course objective is to give students an appreciation for the concepts upon which computer information systems architectures are built. Students are expected to invest substantial amounts of time and energy in: reading from the text and other professional sources; completing homework problems in a thorough and professional manner; and demonstrating mastery of course concepts on quizzes and exams.

Prerequisite: CSCI 1011 or 1041. Graduate standing.

IS 6000 (3)

Contemporary Issues in the I.S. Profession

A course designed for entering IS graduate students. The course: acquaints students with the theories of current and historical importance; introduces or reinforces the tenets of the scientific method; introduces the faculty, previews key concept areas being taught in the program; discusses research designs and methods appropriate to the MSIS program; and introduces students to the hardware, software, and communications skills to be used throughout

the program of studies.

Prerequisite: Graduate standing.

IS 6010 (3)

Applied Research Methods

IS 6010 is a course in applied research methods. Its principal objective is to help students deepen their understanding of research analysis techniques and become proficient users and consumers of modern statistical analysis procedures. Participants in this course will learn to apply the scientific method to investigations of research problems arising from observations of social problems and organization-based phenomena. Students will study acceptable methods for collecting, organizing, analyzing, and testing data; and for communicating findings in a professional research environment.

Prerequisite: Graduate standing.

IS 6020 (3)

Modern Methods in Project Management

A course that combines the study of traditional project management topics with modern methods of software support. Students study the planning, scheduling, operational management, and evaluation phases of project management. Particular emphasis is placed on detecting and accommodating discrepancies between planned and actual task accomplishment. The course intends that students become proficient in the use of project management software to support PERT, Critical Path Analysis, and Resource Management.

Prerequisite: Graduate standing.

IS 6050 (3)

Modern Programming Practice

An intermediate-level course in modern methods for the development of large-scale software systems. Visual Basic, Java, or other modern applications development languages will illustrate key principles. Students design and implement program solutions to commonly occurring business problems. They also analyze problems and evaluate competing solutions for correctness, efficiency, and effectiveness. Students are expected to invest substantial amounts of time and energy in: reading from the text and other professional sources; completing analysis, design, and coding problems in a thorough and professional manner; and demonstrating mastery of course concepts on quizzes and exams.

Prerequisite: IS 5050. Graduate standing.

IS 6060 (3)

Systems Analysis and Design

A comprehensive introduction to structured systems analysis and software design principles and practices. The course integrates structured analysis with the use of modern prototyping software systems. The objective is to study the process by which effective software systems are brought into existence. Topics include: structured systems analysis; methods and tools for software development; design heuristics; top-down decomposition; stepwise refinement; prototyping; proofs and testing. The course requires extensive hands-on computer work. Students are expected to invest substantial amounts of time and energy in: reading from the text and other professional sources; completing analysis and design homework problems in

a thorough and professional manner; and demonstrating mastery of course concepts on quizzes and exams.

Prerequisite: Graduate standing.

IS 6065 (3)

Enterprise Information Management

A classical course in database theory that comprehensively covers alternative methods for design, implementation, and management of database systems. The course especially focuses on the decision-making process with regards to analyzing needs, and capabilities while minimizing potential problems. Students investigate historical and contemporary thinking concerning data, database design, administration of database assets, and management of the database process.

Prerequisite: IS 5050 and 5060. Graduate standing.

IS 6070 (3)

Systems Architecture

A survey of basic hardware and data communications principles. The course discusses topics in: machine programming sequencing and data structure addressing methods; processor evolution and design; memory structures; peripherals; fundamental communications concepts; and data communication hardware devices. The course objective is to give students an appreciation for the concepts upon which computer information systems architectures are built. Students are expected to invest substantial amounts of time and energy in: reading from the text and other professional sources; completing homework problems in a thorough and professional manner; and demonstrating mastery of course concepts on quizzes and exams.

Prerequisite: Graduate standing.

IS 6100 (3)

Information Systems Management

The course covers several broad areas: key IS and IT systems concepts; aligning technology strategy with business strategy; strategic management models; commonly used metrics for evaluating the performance, feasibility, and financial value of existing and emerging IS and IT solutions; professional, legal, and ethical issues as they relate to information technology.

Prerequisite: Graduate standing.

IS 6110 (3)

Comparative Software Engineering

A rigorous academic experience that will help students master the fundamentals of modern systems analysis and design. Object-oriented methods and tools are introduced, studied, mastered and compared to structured methods in systems analysis and design (SSAD) as a means for establishing a sophisticated knowledge base from which to make decisions regarding appropriate software development strategies. Students are expected to have already mastered SSAD methods before enrolling in IS 6110.

Prerequisite: IS 5060. Graduate standing.

IS 6120 (3)

Software Engineering Practicum

A professionally relevant development experience that helps students master the fundamentals of modern systems design, development, and implementation. Working as

members of a project team, students produce a software system that solves a nontrivial problem by adhering to a formal set of development techniques (e.g., structured walkthroughs, code inspections, proofs of correctness). Equally important, students plan, schedule, manage, and evaluate the development process using industry standard project management techniques.

Prerequisite: IS 6020, 6050, 6065, and 6110. Graduate standing.

IS 6130 (3)

Telecommunications

A course in the technical and management aspects of modern telecommunications systems. Topics include: communications fundamentals; data and multimedia communications hardware and software; design and management of communications facilities and systems; comparative telecommunications standards and architectures, and migration strategies from existing to new systems.

Prerequisite: IS 5070. Graduate standing.

IS 6200 (3)

Electronic Commerce

Overview of the history, trends, and techniques involved in electronic commerce (EC) including: using the Internet for EC; business models for success in EC; marketing on the Internet; payment and fulfillment systems; privacy and security, regulatory issues; and the underlying technical architecture.

Prerequisite: IS 6050 and 6100. Graduate standing.

IS 6220 (3)

Portfolio and Program Management

The course provides students with a functional knowledge of portfolio and program management. Key areas of focus include the Project Management Institute's standards for portfolio management and program management. Students will comprehend the life cycles and key processes associated with both standards. Students will also develop a proficiency in procedures supporting project selection, program governance, and stakeholder management.

Prerequisite: IS 6020. Graduate standing.

IS 6230 (3)

Knowledge Management

The course provides an awareness of current theories and best practices associated with Knowledge Management (KM). Using a seminar approach, IS 6230 will ask students to become expert in the areas of: identifying and valuing knowledge assets, properly managing intellectual capital, choosing and evaluating KM information architectures, and developing appropriate KM strategies for complex organizations.

Prerequisite: Graduate standing.

IS 6241 (3)

Decision Support and Expert Systems

The structure, functions, capabilities, and limitations of decision support systems (DSS) are covered. Development tools and techniques for constructing DSS are investigated. The focus of this course is on intelligent DSS. Topics include, decision support system architecture, decision theory, modeling and simulation, rule-based expert systems, and intelligent systems.

Prerequisite: Graduate standing.

IS 6250 (3)

Global Information Systems

The course examines opportunities and issues associated with the selection, development and best practices of global information systems. Topics include intranets, extranets, mobile and Web-based applications; sustainability and reliability of data centers, infrastructure and related systems; cultural and regulatory issues; mobile computing; security and privacy issues involving users, data, storage, telecommunications, physical and virtual systems.

Prerequisite: Graduate standing.

IS 6260 (3)

Network Analysis

Network analysis is used in the study of diverse structures such as the Internet, interlocking directorates, transportation systems, epidemic spreading, metabolic pathways, the Web graph, electrical circuits and project plans. This course focuses on the methodological foundations which have become a prerequisite for researchers and practitioners working with network models.

Prerequisite: Graduate standing.

IS 6270 (3)

Management of Information Resources

A course that addresses the problems and issues faced by managers of modern data or information centers. Topics include: organization; site selection; hardware and software acquisition; standards and procedures, job scheduling, IS-user relations, management of distributed data processing; help desk functions, systems security, and the management of technology transfer.

Prerequisite: IS 6065. Graduate standing.

IS 6280 (3)

Business Intelligence

Many organizations have a wealth of data residing in their databases, and generate additional valuable data that is often not captured. Business intelligence (BI) is the process of collecting and turning this information into key resources for an organization. This course will provide an understanding of data organization, information design, BI processes, and techniques used in transforming data into valuable knowledge.

Prerequisite: Graduate standing.

IS 6310 (3)

Advanced Topics in Hardware/Systems Theory

A course in contemporary issues impacting on the creation and management of large-scale systems architectures. Concepts include: comparing methodologies for systems design and configuration; measuring and evaluating systems performance; identifying the costs, benefits, and risks associated with various architectures; and reengineering of enterprise-wide systems.

Prerequisite: IS 6130. Graduate standing.

IS 6320 (3)

Advanced Topics in Software Systems

An advanced course for students interested in studying the formal processes by which large software systems are tested and evaluated. This course introduces several

industry standard methods for validating, verifying, quantifying, and rating the efficacy of software systems at the design, implementation, and maintenance of the systems development life cycle.

Prerequisite: IS 6110. Graduate standing.

IS 6330 (3)

Advanced Issues in Connectivity

An advanced course concentrating on contemporary issues in data and telecommunications. The course provides students with an opportunity to compare competing implementations for sharing all forms of information (data, voice, video, etc.) in a large organization. Topics include: comparative LAN/WAN implementations; e-mail; voice-mail; EDI and imaging; groupware; security in a connected environment.

Prerequisite: IS 6130. Graduate standing.

IS 6340 (3)

Information Systems Security

A comprehensive introduction to information systems security. Topics include: system security analysis; security system design principles; tools to aid in security analysis; modern security practices; and testing. Using a combination of research and hands-on methods, students become familiar with modern encryption methods, security breach detection, and security audits.

Prerequisite: IS 6130. Graduate standing.

IS 6360 (3)

Data Warehousing/Data Mining

A course that comprehensively covers methods for the design, implementation, and management of data warehousing/mining systems. The course focuses on building large data repositories and constructing effective processes for the production of extract data subsets from the repository. Topics include: storage architectures; data cleansing; applications of data warehousing; and assessing the value of data warehousing. Hands-on coursework includes data warehouse design and administration and management of the data warehousing process.

Prerequisite: IS 6065. Graduate standing.

IS 6370 (3)

Advanced Applications Development

An advanced course intended for experienced microcomputer users, IS 6370 covers a variety of topics relating to the use of microcomputers in a business context. Topics include: data and applications sharing (OLE, DDE, ODBC); development of sophisticated applications in a GUI (graphical user interface) environment; access and security in a connected environment; and the management of microcomputer-based hardware and software resources.

Prerequisite: IS 6050. Graduate standing.

IS 6380 (3)

Systems Forensics

This course will provide the student of information systems with an insight into the complexities of computer systems forensics coupled with hands on experience. The course covers topics related to criminal justice, computer forensics, and computer technology. The course focuses on acquiring evidence from computers, networks, and

logs. Legal aspects such as preserving the chain of evidence, and the aspects of search and seizure of technology related equipment and information are also discussed.

Prerequisite: IS 6130.

IS 6600 (3)

Human-Machine Interface: Usability Issues in IS

Human-Machine Interface/Usability Issues examines ergonomic design and its relationship to safety, reliability and ease of use for humans working in complex technical environments. Topics include human factors research, cognition and perception, maintainability, systems enhancement, anthropometry, mockups and human-computer interface design. Students apply methodologies and software tools for designing and evaluating human-computer systems with the goal of developing a user-centered approach to designing interfaces.

Prerequisite: IS 6100. Graduate standing.

IS 6700 (3)

Technology Strategy

A capstone course designed to extend student knowledge regarding the processes of strategy formulation and policy evaluation. Students research and compare strategic initiatives based upon the timely application of information technology. Students also create and evaluate policies and procedures written for enterprise critical information systems.

Prerequisite: IS 6100 or 6230. Graduate standing.

IS 6990 (1 to 3)

Nonpaid Internship

See Internship Section.

Prerequisite: Graduate standing.

IS 6991 (1 to 3)

Paid Internship

See Internship Section.

Prerequisite: Graduate standing.

IS 6997 (1 to 3)

Selected Topics in Information Systems

Directed individualized readings. Course content will vary as set forth in an approved syllabus. May be repeated when content has changed.

Prerequisite: Graduate standing.

IS 7000 (3)

Systems Integration

As a capstone course, IS 7000, requires students to demonstrate that they have: (a) Mastered the core competencies of the Information Systems discipline; (b) acquired an advanced ability to analyze problems and fashion solution; and (c) developed the attitudes, behaviors and communications skills of a professional in their career field. Students will demonstrate mastery by successfully completing comprehensive exams in: Enterprise Systems, the IS Function, and Modern Technologies. This course is NOT available online.

Prerequisite: IS 5050, 5060, 5070, 6000, 6020, 6050, 6100, 6110, 6130. Graduate standing.

IS 7100 (3)

Graduate Thesis/Applied Project Proposal

Initial design and development of the MSIS thesis or major research project.

Prerequisite: IS 6000, 6100, 6130. Graduate standing.

IS 7150 (3)

Graduate Applied Project

The Applied Project affords experienced graduate students an opportunity to demonstrate the advanced knowledge and skills associated with an MSIS degree holder. Students will create and submit a detailed proposal for an individual project of professional interest to them (e.g. research paper, systems development project, software simulation or other experiment).

Prerequisite: IS 7100. Graduate standing.

IS 7200 (3)

Graduate Thesis

Completion of MSIS thesis.

Prerequisite: IS 7100. Graduate standing.

JADM – Justice Administration

JADM 1000 (3)

Crimes and Criminals

This course focuses on the values in different societies, evolving over past and present times, such as the United States, the European Union, the Communist systems, and the various cultures of Islam that influence the choices of these societies on conditions and situations such as insanity, pornography, and homosexuality. This course explores whether these conditions and situations involve “crimes” committed by “criminals,” or whether these conditions and situations are better left to individual private decisions using moral principles and concepts of free will.

JADM 2000 (3)

Laws and Courts in World Cultures

This course traces the development of laws and courts from ancient times to the present. The course focuses on historical events that have produced four major legal systems—U.S.-British common law, European civil law, Communist systems, and the various cultures of Islam. Topics covered include why the U.S.-British and European systems are so litigious in contrast to tribal societies. The course also explores how courts have primarily dealt with and currently deal with issues like the death penalty and torture of suspects.

Prerequisite: Any Com Skills A course.

JADM 3050 (3)

Criminology

The study of why people break the law, drawing upon classical and contemporary theories from the behavioral sciences. Among topics covered are the nature and types of crimes, victims' rights, types of punishment, and crime prevention.

Prerequisite: Any introductory sociology course; A grade of C- or higher in any R&E A course.

JADM 3060 (3)

Justice Systems

An overview of civil and criminal justice systems, processes, and personnel in the US. The course features units such as: the steps in a lawsuit; the dual court (federal

and state) structure; civil rights issues. Landmark cases are studied.

Prerequisite: PSCI 1400 or 2000; A grade of C- or higher in any R&E A course.

JADM 3070 (3)

Justice Management

The application of management skills to civil and criminal justice systems. Topics include: concepts of justice administration; planning; programming; budgeting; staffing; labor relations; and operations. Contemporary theories of organization behavior and development are utilized.

Prerequisite: PSCI 2000, 1400, PSY 1000, SOC 1000, 2000, or 2100; A grade of C- or higher in any R&E A course.

JADM 3300 (3)

Criminal Procedures

A critical examination of the steps involved in a criminal case, from arrest to final court disposition. The course reviews landmark law cases affecting pretrial and trial rights of criminal defendants. Topics include: laws governing arrest, including confession and search and seizure; right to counsel; identification procedures; and self-incrimination.

Prerequisite: Any introductory sociology course; A grade of C- or higher in any R&E A course.

JADM 3310 (3)

Law Enforcement: Contemporary Issues

The study of contemporary issues facing civil and criminal law enforcement agencies in the community. The course examines problems affecting regulatory and law enforcement organizations at the local and federal levels. Topics include: agency discretion; selective enforcement; investigative techniques; and forensics.

Prerequisite: A grade of C- or higher in any R&E A course; Any introductory sociology course.

JADM 3320 (3)

Corrections: Processes and Programs

A close consideration of civil and criminal law remedies used to “correct” behavior of wrong-doers in the community. Included are tort liability lawsuits, civil damages, community services, criminal restitution, probation, imprisonment, use of halfway houses, and parole.

Prerequisite: A grade of C- or higher in any R&E A course; Any introductory sociology course.

JADM 3510 (3)

Crime Victims and Justice

A course designed to provide the student with an understanding of crime victimization and its impact on individuals and society. The course identifies and explores the role of the victim within the criminal justice system and the rights of crime victims. Participants also examine special crime victim issues and community interventions and resources.

Prerequisite: SOC 1000; A grade of C- or higher in any R&E A course.

JADM 3520 (3)

Drug Abuse and Justice

The study of the policies and practices of the judicial

system relating to the pressing social problem of drug abuse. The course presents a historical perspective of drug and substance abuse in the U.S. and an examination of the community's response to this problem. Students become acquainted with new civil penalties calling for the forfeiture of property, and with the use of noncriminal treatment programs for drug abuse.

Prerequisite: A grade of C- or higher in any R&E A course; Any introductory sociology course.

JADM 3530 (3)

Juvenile Deviancy and Justice

An analysis, using classical theories and contemporary research findings, of "normal" and "defiant" juvenile behavior. The course examines society's responses to deviancy, causes of juvenile criminal behavior, and the treatment of juveniles within the criminal and civil justice systems.

Prerequisite: Any introductory sociology course; A grade of C- or higher in any R&E A course.

JADM 3540 (3)

Women, Minorities, and Justice

A historical, political, and sociological study of the treatment of women and minority groups within the civil and criminal justice systems in the United States. The course places special emphasis on historical stereotypes of, and changing perspectives toward, women and minorities. Topics range from racial and sexual discrimination to date rape.

Prerequisite: A grade of C- or higher in any R&E A course; Any introductory sociology course.

JADM 3550 (3)

Crime Scene Investigation: Theories and Practices

The study of academic theories underlying crime scene investigations and of practical applications of these theories. Topics include historical origins, principles underlying such investigations, and real-life studies of crimes such as homicide, arson, identity theft, white-collar crime, and terrorist attacks.

Prerequisite: A grade of C- or higher in any R&E A course; Any lower-division SOC course.

JADM 3990 (1 to 3)

Nonpaid Internship

See Internship Section.

JADM 3991 (1 to 3)

Paid Internship

See Internship Section.

JADM 4950 (3)

Practicum

None.

JADM 6990 (1 to 3)

Nonpaid Internship

See Internship Section.

Prerequisite: Graduate standing.

JADM 6991 (1 to 3)

Paid Internship

See Internship Section.

Prerequisite: Graduate standing.

JOUR – Journalism

JOUR 1100 (3)

Writing for the Media

This course provides an introduction to the skills needed to be a critical reader and writer of modern news sources for print, broadcast or digital media. It emphasizes analysis and practice of a variety of new writing styles and distribution methods that are dominating public discourse today. Students develop communications skills that can be used throughout their academic and professional careers regardless of their fields. The course includes a brief historical survey of journalism and an examination of how journalism is changing today.

Prerequisite: An appropriate score on a placement test. Undergraduate standing.

JOUR 3000 (3)

News Writing for Integrated Media

A review of the basic structure of newsrooms and basic news writing for all media. The course reviews career options and social, legal, technical and ethical environments in which news media operate. It distinguishes news from other types of writing and provides instruction and practice in writing designed to enhance student skills and provide opportunities for publication in the digital age.

Prerequisite: A grade of C- or higher in any R&E A course.

JOUR 3300 (3)

Reporting

An examination of sources and procedures for gathering information, including surveys, press conferences, speeches, releases, references, and public records, with emphasis on traditional beats: weather, government, police, fire, courts, sports, business and consumer affairs, environment, science, medicine, religion, and multiculturalism. Writing assignments are directed toward publication in the University student newspaper.

Prerequisite: JOUR 1100 and WRI 1200; or JOUR 3000.

JOUR 3340 (3)

Sports Writing

This course enhances the understanding and application of the basic principles and skills in sports reporting, writing and broadcasting within professional settings and deadlines situations. Students will attend sporting events and write stories of the action for a variety of media, including online. They will also write sports features, profiles, columns and enterprise stories.

Prerequisite: JOUR 1100 or 3000.

JOUR 3350 (3)

Advanced Reporting

The aim of this course is to help students enhance their investigations and reporting skills. Topics emphasized will include using observation, interviews, and the Internet to locate, organize, and analyze existing data in order to write ethical, responsible, and meaningful news stories in a variety of media.

Prerequisite: A grade of C- or higher in any R&E A

course; JOUR 3000 and 3300.

JOUR 3400 (3)
Editing

An introduction to the theory and practice of newspaper editing and modern newspaper procedures. The course prepares students to become print editors and demonstrates how these basic editing skills are applicable to broadcast, digital and online media. The course provides hands-on experience in editing, rewriting and copy editing. It also discusses fairness, balance, ethics, taste and news judgment. The course emphasizes that ethical communicators are essential in the modern, digital news business.

Prerequisite: JOUR 3300. Undergraduate standing.

JOUR 3420 (3)
Publication Design

An introduction to the theory and practice of design for print publication. The course provides practical hands-on production experience in writing and editing copy and integrating it with graphics, photography, typography, and page formats to create inviting and readable newspaper articles, pages, and sections that balance unity and variety and create reader interest and excitement.

Prerequisite: JOUR 3000 or A grade of C- or higher in any R&E A course.

JOUR 3430 (3)
Feature Writing

In this course students will learn the elements of feature writing - leads, transitions, voice, description, etc. - and will learn a variety of feature formats, including profile, essay, general interest, and historical.

Prerequisite: JOUR 3300.

JOUR 3455 (3)
Photojournalism

In this course, students can learn principles of photojournalism toward producing quality photographs that communicate accurately and meaningfully. Students use Photoshop software as they learn how to prepare photos digitally for journalistic display in print and online. To better learn photography principles and skills, students use "through-the-lens" 35mm cameras that allow manual exposure to control and scan their film, and convert their photos into digital form.

Prerequisite: A grade of C- or higher in any R&E A course.

JOUR 3500 (3)
The Journalist as Entrepreneur

For future publishers and managing editors, new directors, station managers or entrepreneurs who want to start their own publication, radio, TV, or on-line news operation, this course explores the business side of journalism. Topics covered include identifying a market niche, developing a budget, a marketing plan, a production schedule, advertising sales and promotion, sources, and managing facilities, materials, and people.

Prerequisite: JOUR 3300. Undergraduate standing.

JOUR 3550 (1 to 3)
Publication Production

Writing, editing, and production of Kalamalama, the

University student newspaper. May be repeated up to 9 total credits, only 3 of which may be counted toward the journalism major.

Prerequisite: A grade of C- or higher in any R&E A course.

JOUR 3555 (3)
Advanced Photojournalism

In this course, students complete projects based on the assignments and work of professional photojournalists. Students prepare photos digitally as they assemble their own photojournalism portfolio. Students use "through-the-lens" 35mm cameras that allow manual exposure control and scan their film to convert their photos to digital form.

Prerequisite: JOUR 3455.

JOUR 3600 (3)
Electronic Journalism

A course that provides fundamentals of page and publication design, layout, and production using QuarkXpress, Adobe Photoshop, Adobe Illustrator software applications. Students produce a variety of publications while learning computer typography, graphic design, computer imaging layout, and studio preparation for printing.

Prerequisite: MULT 2460.

JOUR 3990 (1 to 3)
Nonpaid Internship

See Internship Section.

JOUR 3991 (1 to 3)
Paid Internship

JOUR 4900 (3)
Seminar in Journalism

A course that enlarges students' theoretical understanding and sharpens their practical editing, design, and production skills as senior editors of the University newspaper. The academic focus includes media law, ethics, the environment, politics, freedom of speech, and education addressed in seminar style with oral reports and a written research project.

Prerequisite: Undergraduate standing. Senior standing.

JPE – Japanese (4)
JPE 1100 Beginning Japanese I

An introduction to written and spoken Japanese, as well as Japanese culture. This is the first semester of a two-semester sequence.

JPE 1200 (4)
Beginning Japanese II

An introduction to written and spoken Japanese, as well as Japanese Culture. This is the second semester of a two-semester sequence.

Prerequisite: JPE 1100.

JPE 2100 (4)
Intermediate Japanese I

Conversation, reading, grammar, and Japanese culture. This is the first semester of a two-semester sequence.

Prerequisite: JPE 1200.

JPE 2200 (4)**Intermediate Japanese II**

Conversation, reading, grammar, and Japanese culture. This is the second semester of a two-semester sequence.
Prerequisite: JPE 2100.

JPE 3100 (4)**Advanced Japanese I**

Advanced conversation, reading, grammar, and Japanese culture. This is the first semester of a two-semester sequence.

Prerequisite: JPE 2200.

JPE 3200 (4)**Advanced Japanese II**

Advanced conversation and Japanese culture, stressing the ability to understand extended conversations and to develop fluency in conversational Japanese on a variety of topics.

Prerequisite: JPE 3100.

JPE 4100 (4)**Advanced Japanese III**

Advanced course in reading and writing, emphasizing vocabulary development, comprehension skills, and basic writing skills on a variety of topics.

Prerequisite: JPE 3100.

JPE 4200 (4)**Advanced Japanese IV**

Advanced conversation, reading, grammar, and Japanese culture, emphasizing development of all language skills.

Prerequisite: JPE 3100.

KOR – Korean**KOR 1100 (4)****Beginning Korean I**

An introduction to written and spoken contemporary Korean, as well as Korean culture. This is the first semester of a two-semester sequence.

KOR 1200 (4)**Beginning Korean II**

An introduction to written and spoken contemporary Korean, as well as Korean culture. This is the second semester of a two-semester sequence.

Prerequisite: KOR 1200.

KOR 2100 (4)**Intermediate Korean I**

Conversation, reading, grammar, and Korean culture. This is the first semester of a two-semester.

Prerequisite: KOR 1200.

KOR 2200 (4)**Intermediate Korean II**

Conversation, reading, grammar, and Korean culture. This is the second semester of a two-semester sequence.

Prerequisite: KOR 2100.

LAT - Latin**LAT 1100 (4)****Beginning Latin I**

An introduction to the grammar and vocabulary of Classical Latin, with the aim of providing a reading knowledge of the language. This is the first semester of a two-semester sequence.

LAT 1200 (4)**Beginning Latin II**

Continuation of LAT 1100. This is the second semester of a two-semester sequence.

Prerequisite: LAT 1100.

LAW – Law**LAW 3000 (3)****Business Law I**

An introductory law course covering the U.S. legal system and basic business transactions. Major topics are: the structure, institutions, and terms of the U.S. legal system; contract law; tort law; agency law; and an introduction to administrative law (regulatory agencies). This course covers areas of law that permeate every aspect of business.

Prerequisite: A grade of C- or higher in any R&E A course.

LAW 3100 (3)**Advanced Business Law: Managers**

A broadly based survey course covering topics such as: legal aspects of business organizations and their financial transactions; major areas of government regulation of business; and issues of property rights, insurance, and international transactions. One segment of the course focuses on legal issues arising in marketing and advertising.

Prerequisite: LAW 3000.

LAW 3110 (3)**Advanced Business Law: Accountants**

Advanced legal concepts in the area of contracts, sales, negotiable instruments, secured transactions, and bankruptcy are covered. Specialized areas, including federal securities, and the accountant's legal liabilities, are also examined. Advanced business law concepts are provided for students interested in pursuing careers as stockbrokers, accountants, bankers, or in other professions requiring a knowledge of securities law and a higher level of understanding of the law in general. An excellent review for the law portion of the CPA exam.

Prerequisite: ACCT 3010 and LAW 3000.

LAW 3120 (3)**Advanced Business Law: Human Resource Managers**

A course that focuses on current legislative and administrative requirements imposed on business in the area of employment and labor relations. Emphasis is on areas regulated by the Equal Employment Opportunity Commission and the Federal Labor Relations Board. Topics include: Fair Labor Standards Act; employee benefits; and tort and contract law issues of particular concern to human resource managers.

Prerequisite: LAW 3000.

LAW 3130 (3)
Advanced Business Law: International Business Transactions

A course with emphasis on legal issues encountered in the global marketplace, and sources and body of international law and its organization. Emphasis is also on international contract issues, use of letters of credit and negotiable title instruments, dispute resolution, GATT, import and export issues, patents, copyrights and licensing, taxation, expropriation risk, antitrust and the Foreign Corrupt Practices Act, and ethics.

Prerequisite: LAW 3000.

LAW 3150 (3)
Advanced Business Law: Information Systems

A course that focuses on current legislation and judicial decisions relating to the general area of information systems and computer technology. Attention is given to: intellectual property law, patents, copyrights, trademarks, trade secrets, electronic publishing, hacking, piracy and other theft, as well as tort and contract law.

Prerequisite: LAW 3000.

LAW 3200 (3)
International Law

An examination of the nature and function of international law in international politics. The course conceptualizes a "community of nations," and concentrates on principles of, norms in, and the specific role of international law. Specific cases are analyzed.

Prerequisite: PSCI 2000; A grade of C- or higher in any R&E A course.

LAW 3300 (3)
Environmental Law and Policy

The study of local, state, and federal laws and regulations that relate to human impacts on the environment.

Prerequisite: PSCI 2000.

LAW 3400 (3)
Constitutional Law

A survey of Constitutional law and key legal cases. Issues include: Federalism and the Federalist Papers; origin and development of doctrine of judicial review; separation of powers and delegation of legislative power; Constitutional powers of the President; state and federal power compared; commerce power of the Federal Government and power to tax and spend; procedural and substantive due process; the Bill of Rights and the 14th Amendment; rights of persons accused of crimes; equal protection of law; future trends.

Prerequisite: PSCI 2000; A grade of C- or higher in any R&E A course.

LAW 3500 (3)
Criminal Law

The study of criminal lawsuits fundamental concepts, evolution, and functioning, using seminal cases and examining the interaction between criminal laws and the U.S. Constitution.

Prerequisite: A grade of C- or higher in any R&E A course; PSCI 1400 or 2000.

LAW 3600 (3)
Family Law

An examination of how the judicial system deals with such family issues as spouse and child abuse, divorce, custody and support payments. Both civil and criminal law issues are covered.

Prerequisite: Any lower-division SOC course; A grade of C- or higher in any R&E A course.

LAW 3700 (3)
Administrative Law

A seminar dealing with law and litigation connected with the public bureaucracy at all levels: local, state, and federal. The principal motifs of the course relate to the tremendous expansion of the public sector in the past few decades, and the consequent proliferation of administrative regulations and problems deriving therefrom. Representative units include: ratemaking; recruitment procedures; the separation of powers doctrine; the right to a hearing; and environment and safety concerns.

Prerequisite: LAW 3000, PSCI 3200, or PSCI 3415.

LAW 4997 (1 to 3)
Directed Readings in Business Law

Directed individualized readings.

LAW 6000 (3)
Law for Managers

A course that reviews the structure of the U.S. legal system, contract, tort, and agency law, areas of law that permeate every aspect of business. Then the focus turns to areas of law closely related to business functional areas. Particular scrutiny is given to laws relating to finance, marketing, and human resources management. Finally, the growing regulation and burden imposed by federal and state statutes and administrative agencies are studied.

Prerequisite: Graduate standing.

LAW 6120 (3)
Employment Law

A course that focuses on current legislative and administrative requirements imposed on business in the area of employment and labor relations. Emphasis is on areas regulated by the Equal Employment Opportunity Commission and the Federal Labor Relations Board. Topics include: Fair Labor Standards Act; employee benefits; and tort and contract law issues of particular concern to human resource managers.

Prerequisite: Graduate standing.

LAW 6130 (3)
Advanced Business Law: International Business Transactions

Refer to LAW 3130.

Prerequisite: Graduate standing.

LAW 6150 (3)
Advanced Business Law: Information Systems

Refer to LAW 3150.

Prerequisite: Graduate standing.

LAW 6997 (1 to 3)
Directed Readings in Business Law

Directed individualized readings.

Prerequisite: Graduate standing.

LIT – Literature

LIT 6011 (3)

World Literature

A study of world literature from the first heroic narrative--the Babylonian epic of Gilgamesh--to the anti-heroic Vietnam War narratives of Tim O'Brien. The course begins with select modern poetry from around the world that identifies themes that command the attention of writers today and proceeds to explore earlier statements and explorations of these themes in selected masterpieces of world literature. A special focus is the examination of the imaginative roots of Western and Islamic cultures. The course culminates in an examination of modern and contemporary world literature as it treats themes of sexual morality and the conduct of war.

Prerequisite: Graduate standing.

LIT 6701 (3)

Seminar: Literature and the Experience of War

A course that explores the representation of war in classical, Renaissance, and modern writers including Homer, Shakespeare, Twain, Remarque, Hemingway, James Jones, and Normal Mailer.

Prerequisite: Graduate standing.

MARS – Marine Science

MARS 1000 (3)

Introductory Oceanography

An elementary survey of the geology, chemistry, physics, and biology of the oceans. Topics include: ocean basin morphology, plate tectonics, sedimentation, major and minor components of seawater, ocean circulation, waves, tides, plankton, nekton, and benthic organisms.

MARS 1010 (3)

Field Experience in Marine Science

This field intensive course is designed to introduce students to Hawaii's unique tropical marine environment with an emphasis on coral reef survey methods and ocean safety. Lecture and lab topics include natural history of the Hawaiian Islands, ocean and surf safety, snorkeling skills, first-aid and CPR, marine life identification, and coral reef survey techniques. Field trips include a pool session, night reef walk and numerous snorkel surveys. Basic swimming skills and personal snorkel gear are required. Recommended for all marine science students and others interested in working in Hawaii's marine environment.

MARS 1020 (3)

Oceanographic Field Techniques

An introduction to working safely and efficiently from a coastal research vessel. Topics include: maritime terminology, positioning and navigation, basic maritime weather, shipboard sampling, and measurement techniques. The course includes lectures and field sessions aboard the R/V Kaholo. Required for incoming freshmen and strongly recommended for transfer students.

Prerequisite: A grade of C or better in MATH 1130 or

higher (or math SAT of at least 550 or math ACT of 24 or higher). Restricted to Marine Science majors.; A grade of C or better in any Com Skills A course.

MARS 1500 (3)

Marine Biology and Global Oceans

The oceans and atmosphere impact and are impacted by virtually all life on earth and our knowledge of the diversity and consequences of anthropogenic impacts on these systems is growing steadily. This course will provide a foundation of knowledge on marine biological systems and then discuss how the world oceans and surrounding environments affect and are affected by people from an economic, cultural, and political perspective.

MARS 2010 (3)

Scientific SCUBA Diving

MARS 2010 is a freshman level course that covers SCUBA diving skills and techniques. The course is taught within the context of using these techniques for marine biological and oceanographic field work. PADI Open Water, Advanced, Rescue Diver, Emergency First Responder and Oxygen Provider certifications are earned upon successful completion of the course. The course includes lectures and field sessions. Students are required to purchase their own mask, fins, snorkel and booties. All other SCUBA gear, transportation, pool and ocean boat dives are provided. A lab fee of \$680 is required to cover the cost of these ancillary services and equipment.

Prerequisite: Sophomore standing.

MARS 2060 (4)

Geological, Chemical, and Physical Oceanography

A rigorous and comprehensive introduction to geological, chemical, and physical oceanography. Topics include: earth structure and composition, plate tectonics, sediments, the hydrosphere, properties of water and seawater, salinity, gases, nutrients, atmosphere circulation, heat budgets, surface ocean circulation, thermohaline circulation, waves, tides, and coastal oceanography.

Prerequisite: BIOL 2052 or CHEM 2052.

MARS 2061 (2)

Geological, Chemical, and Physical Oceanography Laboratory

Field and laboratory component of MARS 2060. Topics include: bathymetry, sediment sampling and size analysis, seawater sample collection, temperature, salinity, pH, and dissolved oxygen measurement using in situ instruments, dissolved oxygen and plant nutrient laboratory analyses, in situ light intensity measurements, Lagrangian current measurements.

Prerequisite: CSCI 1011; BIOL 2053 or CHEM 2053; MARS 1020; MARS 2060 or concurrent.

MARS 2062 (3)

Marine Biology

A comprehensive introduction to marine biology. Topics will include principles of marine science, life in the marine environment, structure and function of marine ecosystems, and human impacts on the marine environment.

Prerequisite: BIOL 2052.

MARS 2063 (1)

Marine Biology Laboratory

Field and Laboratory component of Marine Biology 2062. This course provides experience with sampling, measurement, and data analysis techniques commonly used for field and laboratory work in marine biology. In addition, students will learn basic identifications of local marine organisms.

Prerequisite: BIOL 2053, MARS 1020, and 2062 (* may be taken concurrently).*

MARS 3000 (3)**General Oceanography I**

The first semester of a comprehensive introduction to modern oceanography. Topics include: earth history, plate tectonics, geophysics, geochemistry, marine sediments, the hydrosphere, physical properties of salt water, major and minor components of seawater, and ocean-atmosphere interactions.

Prerequisite: BIOL 2052 or CHEM 2052.

MARS 3001 (1)**General Oceanography I Lab**

Laboratory and field component of MARS 3000.

Prerequisite: CSCI 1011, MARS 1020, and 3000; BIOL 2053 or CHEM 2053 (* may be taken concurrently).*

MARS 3002 (3)**General Oceanography II**

A continuation of MARS 3000. Topics include: weather and climate, ocean circulation, waves, tides, coastal oceanography, biological productivity, planktonic and benthic organisms, marine communities and ecology.

Prerequisite: MARS 3000.

MARS 3003 (1)**General Oceanography II Lab**

Laboratory and field component of MARS 3002.

Prerequisite: MARS 3001.

MARS 3010 (3)**Underwater Research Techniques**

Intermediate and advanced scientific SCUBA diving skills, techniques, and applications are taught in the context of using these skills to perform basic biological surveys of the nearshore marine environment. The course includes lectures and field sessions. Students learn tropical marine species identifications, transecting and quadrating techniques, as well as other underwater surveying methods. Students are required to apply knowledge and techniques taught in lectures during field sessions, keep a field notebook, and conduct a team research project.

Prerequisite: A grade of C- or higher in any R&E A course; MARS 2010. Junior standing.

MARS 3050 (3)**Biological Oceanography**

This course emphasizes interactions of marine organisms with the physical environment. Students will learn how marine biota influence and are in-turn influenced by the chemistry, physics, and geology of the oceans. Topics include marine microbiology, phytoplankton ecology and physiology, zooplankton ecology, biogeochemistry, and global change.

Prerequisite: MARS 2060, CHEM 3010, 3030, or 3050.

Undergraduate standing.

MARS 3084 (3)**Descriptive Regional Oceanography**

A qualitative treatment of driving forces for water movement, and detailed descriptions of wind-driven and thermohaline ocean circulation patterns in the major regions of the world ocean.

Prerequisite: BIOL 2052, CHEM 2052, MARS 2060, 2062; A grade of C- or higher in any R&E A course.

MARS 3590 (3)**Marine Science Practicum****MARS 3920 (1 to 3)****Research: Marine Biology****MARS 3950 (1 to 3)****Marine Science Practicum**

Junior practicum for students interested in working on special topics in Marine Science under the direction of the Marine Science faculty.

Prerequisite: A grade of C- or higher in any R&E A course.

MARS 3990 (1 to 3)**Nonpaid Internship**

See Internship Section.

MARS 3991 (1 to 3)**Paid Internship**

See Internship Section.

MARS 4030 (3)**Marine Mammal Biology**

This is a survey course of marine mammal biology. The course covers phylogeny, anatomy, physiology, ecology and behavior of marine mammals.

Prerequisite: BIOL 2052.

MARS 4031 (3)**Marine Mammal Biology Laboratory**

This course aims to develop traditional laboratory, field, and computer skills to investigate marine mammal physiology and ecology. A broad range of topics will be covered including taxonomy, anatomy, population abundance and distribution, health assessment and marine mammal strandings. Data analyses and scientific writing of reports emphasized.

Prerequisite: BIOL 2053; MARS 4030 (or concurrent).

MARS 4050 (3)**Marine Ecology**

Application of ecological principles and methods to marine habitats are explored. Marine life, including plankton, nekton, neuston, and benthos, are studied in ecological settings from estuaries to the deep sea. Subject matter draws heavily from the original scientific literature. BIOL 3060 is recommended.

Prerequisite: BIOL 3080, 3081; MARS 2062, 3002.

MARS 4051 (2)**Marine Ecology Laboratory**

Laboratory and field component of MARS 4050. BIOL

4090 is recommended.

Prerequisite: MARS 2063, 3003; MARS 4050 or concurrent.

MARS 4060 (3)
Geological Oceanography

Geological, geophysical, and geochemical principles applied to the oceans. Topics include: origin, structure, composition, and evolution of the earth, morphology of ocean basins and continental margins, plate tectonics, marine sedimentology and stratigraphy, sea level changes, and paleoceanography.

Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2052; CHEM 2052; GEOL 2000; and MARS 2060, 2062.

MARS 4061 (2)
Geological Oceanography Laboratory

Laboratory and field component of MARS 4060.

Prerequisite: BIOL 2053; CHEM 2053; and MARS 1020, 2061, 2063, 4060* (* may be taken concurrently); A grade of C- or higher in any R&E A course.

MARS 4070 (3)
Chemical Oceanography

Chemical and biological principles applied to the oceans. Topics include: the physical chemistry of seawater, salinity and the major ions, bio-limiting, bio-intermediate, and bio-unlimiting chemicals, dissolved gases, the DIC system, trace metals, hydrothermal processes, radiochemistry, stable isotopes, chemical transport, and chemicals as water mass tracers.

Prerequisite: BIOL 2052; CHEM 2052; and MARS 2060, 2062; A grade of C- or higher in any R&E A course. *Corequisite:* MARS 4071.

MARS 4071 (2)
Chemical Oceanography Laboratory

Laboratory and field component of MARS 4070.

Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2053; CHEM 2053; and MARS 1020, 2061, 2063, 4070* (* may be taken concurrently). *Corequisite:* MARS 4070.

MARS 4080 (3)
Physical Oceanography

Basic physical and mathematical principles applied to ocean dynamics. Topics include: properties of seawater, physical laws and classification of forces, the equation of motion, turbulence, geostrophic flow, wind-driven circulation, thermohaline circulation, waves, and tides.

Prerequisite: MARS 3000, 3002, MATH 2214.

MARS 4081 (2)
Dynamic Physical Oceanography Laboratory

MARS 4081 is the laboratory and field component of MARS 4080. Students have the opportunity to get extensive hands-on experience with measurement and data analysis techniques commonly used in physical oceanography.

Prerequisite: MARS 3001, 3003, and 4080* (* may be taken concurrently).

MARS 4090 (3)
Biological Oceanography

A survey of biological oceanography with an emphasis on the interactions of organisms with their physical and geochemical environment. Pelagic organisms spanning scales from the microbial loop to fisheries will be examined using energy flow, genetics, and models, with an emphasis on past and present global changes.

Prerequisite: MARS 3000 and 3002.

MARS 4210 (3)
Marine Fisheries and Management

This course will cover major aspects of marine fisheries including the types of gears and practices used, life histories, the recruitment and population dynamics of harvested species, and the structure and assessment of stocks. An overarching theme will be the effects of fishing and climate variability on the aforementioned dynamics of individual species and fisheries, as well as ecosystems. Ultimately, the course will focus on how such dynamics present management dilemmas and the consequential management solutions to these problems.

Prerequisite: BIOL 2052, 3080; MARS 3000/3002 or ENVS 2000; or consent of instructor.

MARS 4500 (1)
Marine Sciences Honors Seminar

Marine Science Honors Seminar prepares students for Honors Research and initially concentrates on the development of hypotheses and experimental design. Later students will use the scientific literature to investigate questions with the purpose of deriving their own hypotheses that will be tested the following semester using facilities available at HPU.

Prerequisite: MARS 2060 and 2062.

MARS 4600 (3)
Honors Research

A supervised research project for students anticipating going on to graduate studies in the marine sciences. The course includes oral status reports, a final written report, a final formal seminar, and a poster presentation of research project results.

Prerequisite: MARS 4910 or 4920.

MARS 4910 (3)
Seminar: Marine Biology

A critical analysis of recent marine biological literature. Includes formal seminars, informal group discussions, a comprehensive review article, and a research project proposal.

Prerequisite: MARS 4050. Senior standing.

MARS 4920 (3)
Seminar: Oceanography

A critical analysis of recent oceanographic literature. Includes formal seminars, informal group discussions, a comprehensive review article, and a research project proposal.

Prerequisite: A grade of C- or higher in any R&E A course. Senior standing.

MARS 4950 (1 to 3)**Senior Science Practicum**

Senior practicum opportunity for students anticipating working in the marine sciences after graduation.

Prerequisite: A grade of C- or higher in any R&EA course.
Senior standing.

MARS 6000 (4)**Marine Systems I: Geological and Physical Oceanography**

Geological and physical principles applied to the oceans. Topics include: the configuration of the ocean basins, paleoceanography, sea level change, oceanic sedimentary resources and sediment production, distribution and transport; atmospheric circulation, the global heat budget, ocean circulation, and wave motion.

Prerequisite: Graduate standing.

MARS 6002 (4)**Marine Systems II: Chemical and Biological Oceanography**

Chemical and biological principles applied to the oceans. Topics include: chemical composition of seawater, use of isotopes ocean science, marine microbiology, zooplankton and secondary production, benthic habitats and communities, nutrient and particle fluxes associated with the ocean's biological pump and with marine biogeochemical cycles.

Prerequisite: Graduate standing.

MARS 6010 (3)**Toxicology and Stress Responses in Marine Communities**

Marine pollution is a problem that degrades habitat and exacerbates all other anthropogenic impacts to the marine environment. Using a case-study approach, this course explores 1) major types of marine pollution 2) the dynamics of specific classes of contaminants, 3) principles that influence toxicity of contaminants in major marine phyla, 3) diversity of metabolic and clearance mechanisms, and 4) impacts at the community and ecosystem levels.

MARS 6020 (3)**Marine Science Field Methods**

Marine Science Research will enable students to refine methodology for ship/boat based research and to begin collecting data using HPU's marine resources. This course is required for students requesting Kaholo time for thesis projects.

Prerequisite: Graduate standing.

MARS 6030 (3)**Marine Mammal Biology**

This is a survey course of marine mammal biology. This course covers phylogeny, anatomy, physiology, ecology and behavior of marine mammals.

MARS 6050 (3)**Marine Ecology**

A graduate course emphasizing ecological interactions of marine organisms with their own and other species, and the physical environment. Designed to survey not only what is known about marine ecology, but how that knowledge was acquired, the course strongly emphasizes readings

from original scientific literature.

Prerequisite: Graduate standing.

MARS 6060 (3)**Geological Oceanography**

This course provides students with an in-depth survey of marine systems from a geological perspective. The topics covered will include the configuration of the ocean basins, paleo-oceanography, sea level change, oceanic sedimentary resources as well as sediment production, distribution and transport.

Prerequisite: Graduate standing.

MARS 6070 (3)**Chemical Oceanography**

Chemical and biological principles applied to the oceans. Topics include: the physical chemistry of seawater, salinity and the major ions, bio-limiting, bio-intermediate, and bio-unlimiting chemicals, dissolved gases, the DIC system, trace metals, hydrothermal processes, radiochemistry, stable isotopes, chemical transport, and chemicals as water mass tracers.

Prerequisite: Graduate standing.

MARS 6080 (3)**Physical Oceanography**

This course provides students with an in-depth survey of marine systems from a physical perspective. Topics include physical and thermodynamic properties of seawater; temperature, salinity and density distributions, ocean heat budget, ocean effect on climate, geostrophic flow, Ekman balance, potential vorticity and Sverdrup balance, thermohaline circulation, waves, and tides.

Prerequisite: Graduate standing.

MARS 6090 (3)**Biological Oceanography**

This course provides students with an in-depth survey of marine systems from a biological perspective, emphasizing the interactions of organisms with the physical and chemical environment and biogeochemical variability, and introducing key organisms and their functions (using energy flow, genetics, and models) from microbial loop to fisheries, with an emphasis on past and present global change issues.

Prerequisite: Graduate standing.

MARS 6120 (3)**Coral Reef Ecology**

Coral reef biology and ecology are broadly covered through lecture and group discussion of primary literature and contemporary issues. Emphasizing Hawaiian reef ecosystems, topics include coral taxonomy, anatomy, reproduction, symbiosis, biogeography, evolutionary history, reef accretion or loss due to natural and anthropogenic disturbances including global climate change and ocean acidification.

MARS 6210 (3)**Marine Fisheries and Management**

This course will address a marine science branch of great relevance to Marine Science (MSMS) and Global Leadership and Sustainability (MAGLSD) students, which has not been part of the HPU curriculum to date. This course

will be available to graduate students, and will be offered concurrently with a course designed for undergraduate MARS and ENVS (MARS 4210).

Prerequisite: Enrollment in MSMS or MAGLSD program.

MARS 6300 (3)

Multivariate Applications in Marine Science

This hands-on workshop focuses on the application and the interpretation of multivariate analyses commonly used by marine scientists. Lectures and assignments emphasize the conceptual understanding and the practical use of these methods, with the goal of providing students with a tool-kit they will use in their thesis research and beyond.

Prerequisite: Graduate standing.

MARS 6400 (3)

Marine Conservation Biology

This course provides an overview of the theory and practice of marine conservation. Lectures and assignments emphasize the conceptual foundations and demonstrate the practical use of demographic analyses and computer simulations. An independent project gives students experience in critical thinking, communication skills and the use of science in effective decision making.

Prerequisite: Graduate standing.

MARS 6910 (1)

Current Topics in Marine Science

This is a new graduate seminar course for students in the MSMS program. Current topics seminars are designed to expose graduate students to new developments and discoveries in Marine Science by taking advantage of seminars and other educational opportunities inside and outside HPU. While this flexible structure may vary with instructor and topic, most will be structured as seminar courses. Students will be assigned readings in the current literature of the course topic and required to critique the readings and relate the materials to their own research or the instructor's area of expertise.

Prerequisite: Graduate standing.

MARS 6920 (1 to 3)

Special Topics in Marine Science

The specific title, content and prerequisites for this course will vary with instructor and need in the program. The course may be repeated when the title and content have changed.

Prerequisite: Graduate standing.

MARS 6990 (1 to 3)

Nonpaid Internship

See Internship Section.

Prerequisite: Graduate standing.

MARS 6991 (1 to 3)

Paid Internship

See Internship Section.

Prerequisite: Graduate standing.

MATH – Mathematics

MATH 0900 (3)

Mathematics Skills I

MATH 0910 (3)

Fundamentals of Mathematics II

MATH 0980 (3)

Essentials of Algebra

An introductory course in mathematical problem solving using a combination of graphical, symbolic and numerical methods. Topics include introductions to mathematical operations involving real numbers, informal geometry, data interpretation, graphs, and linear equations and inequalities. Students will use appropriate technology to enhance mathematical thinking and understanding and to judge the reasonableness of results.

Corequisite: MATH 0981.

MATH 0981 (1)

Essentials of Algebra Laboratory

A mathematics lab to be taken concurrently with MATH 0980, the course provides supplementary individual and small group instruction and supervised practice with basic algebra skills to help students succeed in MATH 0980. Concurrent enrollment in MATH 0981 is mandatory for all students enrolled in MATH 0980.

Prerequisite: MATH 0980 or concurrent.

MATH 0990 (3)

Elementary Algebra

An introductory algebra course connecting fundamental principles of mathematics with real-life examples and applications. Topics include: operations with signed numbers; simplifying algebraic expressions; solving linear equations; application problems; graphing of linear equations; solving systems of equations in two variables; operations with polynomials; positive and negative exponents; factoring polynomials; and solving equations by factoring and an introduction to modeling linear data. Students may enroll concurrently in MATH 0991.

MATH 0991 (1)

Elementary Algebra Laboratory

A mathematics lab to be taken concurrently with MATH 0990, the course provides supplementary individual and small group instruction and supervised practice with basic algebra skills to help students succeed in MATH 0990.

Corequisite: MATH 0990.

MATH 1101 (3)

Fundamentals of College Mathematics

An introductory course in the study of linear and elementary quadratic equations, designed to help students develop critical thinking skills in the area of mathematics. The course emphasizes the importance of algebraic principles, applications and problem solving. Students may enroll concurrently in MATH 1102.

MATH 1102 (1)

Fundamentals of Mathematics Laboratory

A mathematics lab to be taken concurrently with MATH 1101, the course provides supplementary individual and

small group instruction and supervised practice with fundamental algebra skills to help students succeed in MATH 1101. Students enrolled in MATH 1102 must be enrolled concurrently in MATH 1101.

Corequisite: MATH 1101.

MATH 1105 (3)

Intermediate Algebra

An intermediate algebra course connecting the real world to mathematics. Topics include: factoring polynomials and solving equations by factoring, rational expressions and equations; graphing functions; systems of equations; absolute value equations; inequalities; radical expressions and functions; quadratic equations and their graphs; and quadratic formula. Students may enroll concurrently in MATH 1106.

Prerequisite: MATH 0990 or 1101.

MATH 1106 (1)

Intermediate Algebra Laboratory

A mathematics lab to be taken concurrently with MATH 1105, the course provides supplementary individual and small group instruction and supervised practice with intermediate algebra skills to help students succeed in MATH 1105.

Corequisite: MATH 1105.

MATH 1110 (3)

Introduction to Mathematical Logic

An introduction to mathematical logic covering Sentential and First Order Logic including the methodology of writing mathematical proofs; the course will look at logic from both the syntactic and semantic perspective. Topics include the deductive calculus, valid forms, the Soundness Theorem, and some programming in a functional language such as Scheme.

Prerequisite: MATH 1105.

MATH 1115 (3)

Survey of Mathematics

A general survey course that emphasizes reasoning skills, real-life math applications and non-routine problem solving through individual and team assignments. Topics may include: inductive and deductive reasoning, logic, sequences, systems of numeration, geometry, metric system conversion analysis, personal finance, permutations and combinations, and an introduction to probability, plus individual topics of choice to prepare students for courses in their major or pursue self interests.

Prerequisite: MATH 1105.

MATH 1123 (3)

Statistics

This course provides an introduction to descriptive and inferential statistics. Topics include describing, summarizing and displaying data, using sample statistics to estimate population parameters, evaluating hypothesis using confidence levels with application to the physical and social sciences, logically drawing conclusions based on statistical procedures and the quantifying the possibility of error and bias.

Prerequisite: MATH 1105 or higher.

MATH 1130 (3)

Pre-Calculus I

This course covers mathematical topics that prepare students for higher-level mathematics courses. Topics include: functions and their properties, polynomial and rational functions and their graphs, transformation method of graphing functions, exponential and logarithmic functions and equations, right-triangle trigonometry, an introduction to trigonometric functions and their graphs, solving systems of inequalities, solving systems of equations. Optional topics: matrices, determinants and Cramer's rule, linear programming, fundamental counting principle, permutations and combinations, and an introduction to probability.

Prerequisite: A grade of C or better in MATH 1105.

MATH 1140 (3)

Pre-Calculus II

This course is a continuation of MATH 1130 and covers further mathematical topics that prepare students for higher level mathematics courses. Course topics include: a complete development of trigonometry including trigonometric functions and their identities, solving trigonometric equations, applications of trigonometry to vectors, polar coordinates, and polar form of complex numbers, rectangular form and polar form of conic sections, matrices and matrix formulation of solution of systems of equations, determinants and Cramer's rule, introduction to sequences and series, and the binomial theorem.

Prerequisite: A grade of C or better in MATH 1130 or consent of instructor.

MATH 1150 (3)

Pre-Calculus I and II Accelerated

A course for well-qualified students who are prepared to complete the pre-calculus sequence in one term. The course includes all the topics covered in Pre-Calculus I, MATH 1130, and Pre-Calculus II, MATH 1140, but is presented in one term.

Prerequisite: MATH 1105 or higher.

MATH 2007 (3)

Mathematics Across the Ages

A survey of the historical development of mathematical thought from ancient times to the present. Possible topics include: Babylonian, Egyptian, Greek, Chinese, Hindu, and Arabian mathematics; European mathematics in the middle ages and the Renaissance; the development of calculus, number theory abstract algebra, non-Euclidean geometry, set theory, and information theory.

Prerequisite: MATH 1130 or higher.

MATH 2214 (3)

Calculus I

A course in single variable calculus which emphasizes limit, continuity, derivative, and integral. Primary focus is on the derivative with an introduction to the integral and elementary applications of the integral. Differentiation topics include: chain rule, implicit differentiation, curve sketching and maxima and minima problems. Integration topics include: fundamental theorem of calculus, method of substitution, area between curves, and volumes of revolution.

Prerequisite: MATH 1140 or higher.

MATH 2215 (3)
Calculus II

A continuation of Calculus I, completing the development of the integral. Integration topics include: integration by parts, trigonometric substitution, method of partial fractions, length of curves, surfaces and volumes of revolutions. Other topics include: infinite series, tests of convergence; power series, radius of convergence, and Taylor's series. Other topics may include calculus of conic sections, vector algebra, scalar and vector product.

Prerequisite: MATH 2214 or higher except MATH 2326/3301 or consent of instructor.

MATH 2326 (3)
Mathematics for Decision-Making

A course developing the quantitative skills necessary for the effective formulation and solution of problems in business, management, economics, and the social and life sciences. Topics include: probability and probability distributions, functions and their graphs, differentiation and its application to max-min problems, linear programming, network models, project management with PERT-CPM, and simulation.

Prerequisite: MATH 1123; MATH 1130 or higher.

MATH 3110 (3)
Foundations of Mathematical Logic and Applications

A course in mathematical logic covers Proof Theory, Model Theory, and the theory of Decidability. Topics include Sentential Logic, First order Logic, Deductive Calculus, Completeness and Soundness Theorems, Model theory, Isomorphisms, Compactness Theorem, and Godel's Incompleteness theorem, applications to theoretical computer science and complexity theory.

Prerequisite: CSCI 1301, MATH 1110, 3301, or consent of instructor: (* may be taken concurrently).*

MATH 3220 (3)
College Geometry

This course provides geometry content and process for those planning to become secondary math teachers. The course is also appropriate for other mathematics majors. Included are activities and discussions in inductive and deductive reasoning in Euclidean geometry, classical geometry with constructions, transformations, dynamical geometry software, non-Euclidean Geometries, three-dimensional Geometry, spatial reasoning and miscellaneous topics.

Prerequisite: MATH 2215.

MATH 3240 (3)
Math Concepts for Elementary Teachers

A review of the central concepts, tools of inquiry, and structures of the discipline of mathematics so that elementary teachers can create learning experiences that make aspects of the subject matter meaningful for students.

Prerequisite: MATH 1115.

MATH 3301 (3)
Discrete Mathematics

This course focuses on the theory and application of mathematical principles critical to the computing sciences. Students study and apply key concepts in topics such as

set theory, combinatorics, language and grammars, propositional and quantifier logic, boolean functions and circuit design, growth of functions and big-O notation, time complexity of algorithms, mathematical induction and program correctness, recursive definitions and recursive algorithms and solving recurrence relations.

Prerequisite: MATH 1110, 1105, or consent of instructor.

Recommended: CSCI 2911.

MATH 3302 (3)
Elementary Number Theory

Topics covered include prime and composite integers, factorization, divisibility, number theoretic functions, Diophantine equations, congruence of integers, quadratic reciprocity, mathematical inductions, cryptography, Pythagorean triples, real, complex and p-adic numbers.

Prerequisite: MATH 2215; or MATH 2214 and 3301. Undergraduate standing.

MATH 3305 (3)
Linear Algebra

Elementary linear algebra with applications in the sciences, to computers and economics. Topics include: systems of linear equations; matrix theory, determinants and eigenvalues, geometry of Euclidean n-space; abstract vector spaces, bases, linear independence, and spanning sets, linear transformations, null space and range, diagonalization of matrices; eigenvalues and eigenvectors of symmetric matrices; quadratic forms, inner products and orthonormalization.

Prerequisite: MATH 2214 or higher except MATH 2326 or consent of instructor

MATH 3306 (3)
Calculus III

A course in calculus of several variables. The course begins with vector algebra, scalar and vector product, and elementary applications of vectors. Emphasis is placed on differentiation and integration of functions of several variables with peripheral focus on limits and continuity. Differentiation topics include: partial derivative, directional derivative, chain rule formula, gradient, maxima and minima problems, and Lagrange multipliers, divergence, and curl. Integration topics include: iterated integrals in rectangular, polar, and spherical coordinates, line integrals, Green's theorem, divergence theorem, Stoke's theorem.

Prerequisite: MATH 2214 or higher except MATH 2326/3301.

MATH 3307 (3)
Differential Equations

A course in ordinary differential equations utilizing concepts and techniques from Calculus I, II, and Linear Algebra. Emphasis is on solution to higher order linear equations. First order topics include: separation of variables, exact equations, integrating factors, and homogeneous and nonhomogeneous systems with applications to networks. Higher order topics include: a detailed study of solutions to second order linear equations by reduction of order, variation of parameters, and series solutions; linear independence of solutions, the Wronskian, general solution to linear homogeneous and nonhomogeneous equations, and linear equations with constant coefficients and

the Laplace transform method.

Prerequisite: MATH 2214 or higher except MATH 2326/3301. Recommended: MATH 3305.

MATH 3316 (3)

Problem Solving for Mathematics Teaching

This course is designed to improve students' problem solving skills for solving both traditional and non-traditional mathematics problems. Reasoning, communicating mathematics, mathematical representations, and connections between various mathematical topics will be emphasized.

Prerequisite: MATH 3301.

MATH 3320 (3)

Set Theory

To provide students with a solid background in set theory and to develop mathematical sophistication in general, this is a course in which covers ZF (Zermelo Frankel Axioms) and ZFC (ZF + the Axiom of Choice), DeMorgan's laws, Power Set, Set Algebra, Zorn's Lemma and other equivalent versions of AC, equivalence relations, well orderings and partial orderings, bijections, Russell's paradox, confinal maps, mathematical induction, transfinite induction, ordinals and cardinals, ordinal and cardinal arithmetic, the Continuum Hypothesis, and the Constructible Universe.

Prerequisite: MATH 1110, 3110, 3301, or consent of instructor.

MATH 3330 (3)

Abstract Algebra

An introduction to algebra as a deductive system. Topics include: complex numbers; well ordering; groups; cyclic groups; permutation groups; rings; equivalence relations; polynomial rings; division algorithm; unique factorization; zeros of polynomials.

Prerequisite: MATH 3110, 3301, 3320, or consent of instructor.

MATH 3450 (3)

Real Analysis

An introduction to the theory of real analysis. Topics include: completeness of the real numbers; basic topology of the real numbers; continuous functions and compactness; sequences and series; limits; derivatives; mean value theorems; the Riemann integral; Taylor's formula; power series; uniform convergence.

Prerequisite: MATH 2215 or consent of instructor.

MATH 3460 (3)

Probability

Discrete and continuous probability with applications. Topics include: finite sample spaces; combinations and permutations; conditional probability; independent events; discrete random variables; continuous random variables; functions of random variables; higher-dimensional random variables; expectation; variance; correlation coefficient; generating function; reproductive properties; sequences of random variables; law of large numbers; central limit theorem.

Prerequisite: MATH 2215 or consent of instructor.

MATH 3470 (3)

Engineering Statistics

This course is an introduction to the mathematical theory of statistics. Topics covered include discrete and continuous distributions, tests of hypotheses, estimation, analysis of variance, regression and correlation, sequential analysis, and rank order statistics.

Prerequisite: MATH 2214 or higher except MATH 2326/3301 or consent of instructor.

MATH 3500 (3)

Numerical Methods

The purpose of numerical analysis is two-fold:

(1) to find acceptable approximate solutions when exact solutions are either impossible or impractical, and (2) to devise alternate methods of solution better suited to the capabilities of computers. Topics for this course include: elements of error analysis, real roots of an equation, polynomial approximation by finite difference and least square methods, interpolation, quadrature, numerical solution of ordinary differential equations, and numerical solutions of systems of linear equations. Students should expect to program a computer and use a graphing calculator.

Prerequisite: CSCI 2911; MATH 3305 and 3307. (* may be taken concurrently).*

MATH 3990 (1 to 3)

Nonpaid Internship

See Internship Section.

MATH 4210 (3)

Topology

An introduction to the basic concepts of topology in the setting of metric spaces and more general topological spaces. Topics include completeness, compactness, connectedness, continuous functions and continuity in terms of nets, Hausdorff spaces, Product spaces, metric spaces, Tychonoff Theorem, Bolzno-Weierstrass theorem, Stone-Weierstrass Theorem, and the Baire Category theorem.

Prerequisite: MATH 2215; and MATH 3310 or higher; or consent of instructor.

MATH 4301 (3)

Combinatorics and Graph Theory

This course explains how to reason and model using enumerative combinatorics and applied graph theory. It also stresses the systematic analysis of different possibilities, exploration of the logical structure of a problem, and ingenuity. Combinatorial reasoning underlies all analysis of computer systems. It plays a similar role in discrete operations research problems and in finite probability. Topics covered include generating functions, set partitions, recurrence relations, inclusion-exclusion, trees, graph connectivity, independence, and graph colorings. Additional topics will be chosen from Ramsey theory, planarity, matchings, Polya's Enumeration Formula and Hamiltonian and Eulerian graphs.

Prerequisite: MATH 3301.

MATH 4450 (3)

Complex Analysis

Complex Analysis is the theory and applications of analytic functions of a single complex variable. Topics include: Taylor and Laurent series representation,

Cauchy's integral theorem and formula, residue calculus, harmonic functions, zeros and poles, counting theorem, conformal mappings, linear functional transformations, Schwartz-Christoffel transformation, Laplace's equation, Poisson's equation, Neumann Problems, and the Fourieir representation theorem.

Prerequisite: MATH 3306, 3450, 4210, or consent of instructor

MATH 4470 (3)

Methods of Applied Mathematics I

Applied Mathematics I is the first course in a course sequence exploring analytical methods of solution in various mathematical and scientific areas. The course may review a variety of topics: solution of ordinary differential equations; solution of systems of ordinary differential equations; Laplace transform method; methods of applied linear algebra; and vector calculus. New topic presented in this class include: complex variables; Fourier transform; partial differential equations; Laplace's equation; and equations of motion and fluids.

Prerequisite: MATH 3307; or consent of instructor. (* may be taken concurrently). MATH 3306 is recommended.*

MATH 4471 (3)

Methods of Applied Mathematics II

Applied Mathematics II is the second course in a course sequence exploring numerical solutions in various mathematical and scientific areas. Topics for this course include: elements of error analysis, real roots of an equation, polynomial approximation by finite difference and least square methods, interpolation, quadrature, numerical solution of ordinary differential equations, and numerical solutions of systems of linear equations. Additional topics explore partial differential equations and finite-element analysis.

Prerequisite: CSCI 2911; MATH 3305, 4470; or consent of instructor.

MATH 4475 (3)

Modeling and Simulation

Material includes the advanced study of mathematical techniques, algorithms, and applications applicable to assist and improve decision-making in the management and behavioral sciences. The course focuses on both the techniques and the use of the computer in facilitating application of these techniques.

Prerequisite: CSCI 2912; MATH 1123 and 2214.

MATH 4920 (3)

Math Education Practicum

This course combines the study of mathematics problem-solving with practical classroom experience. Students will investigate the issues of teaching mathematics while gaining practical experience as tutors. Students will follow the progress of their own students in mathematics labs. Repeatable for a total of six credits.

Prerequisite: MATH 3301 and 3316.

MATH 4950 (1 to 3)

Practicum

A course that offers actual work experience in Applied Mathematics in a professional setting. The practicum site

and the individualized syllabus for each student must be approved by the Academic Coordinator for Mathematics. Supervision is provided by a professional on site and by a member of the HPU Mathematics faculty.

Prerequisite: Senior standing.

MATH 4960 (3)

Observation/Participation

MATH 4980 (3)

Secondary Math Student Teaching

Practicum in Math student teaching.

MGMT – Management

MGMT 1000 (3)

Introduction to Business

An introduction to the managerial process and the functioning of business. This course integrates findings of the behavioral sciences with classical, quantitative systems, and other approaches to business.

Prerequisite: Any Com Skills A course.

MGMT 1050 (3)

Writing for Management

The course focus is on improving comprehension, vocabulary, and reading.

MGMT 2000 (3)

Principles of Management

A primer for the manager, this course lays out the underlying process for planning, directing, and controlling organizational resources for accomplishing the goals of the firm. This study of the functions of management includes how to develop a plan, how to organize resources of the firm, how to motivate employees to execute organizational initiatives, and how to set up a feedback system.

Prerequisite: MGMT 1000. Undergraduate standing.

MGMT 2050 (3)

Introduction to Personnel Administration

A survey of the selection, training, and placement of personnel. The course features units on: performance evaluation and compensation; counseling and career development; grievances; and disciplinary procedures. Case incidents are employed. Students cannot receive credit for both this course and MGMT 3400.

MGMT 2060 (3)

Office Management

A survey of the principles and problems of office management. Topics include: professionalism; organizing for effective operations; selecting, training, and developing the office work force; handling complaints and grievances; delegation; job expansion and enrichment; office change and automation; and effective decision-making.

MGMT 2300 (3)

Psychology for Supervisors

Applications of psychology for use by supervisors. Course topics include: job design; employee productivity and morale; individual differences in motivation, learning, and perception of work; formal and informal work groups; approaches to organizational development. Cases, exercises,

and simulations are employed.

MGMT 2500 (3)
Supervisory Leadership

An exploration of the nature and responsibilities of the supervisor-as-leader. Topics covered include: work environments; technologies and leadership styles; tools for decision-making; supervisory functions; scheduling, staffing, directing, and controlling. Cases, exercises, and simulations are employed.

MGMT 3000 (3)
Management and Organization Behavior

A course that stresses the principles and concepts of general systems theory and human behavior as applied to the management of organizations. Various approaches to systems thinking are explored by the students through case studies and exercises that emphasize substantive theories needed for integrating different disciplines.

Prerequisite: A grade of C- or higher in any R&E A course; MGMT 1000.

MGMT 3100 (3)
Business in Contemporary Society

This course is a study of concepts, issues, and themes surrounding the dynamic relationship between business and society, and their impact and influence on each other. Student's knowledge of business and management are enhanced with a focus on understanding the role and influence of the various business stakeholders, learning about the environmental forces affecting the organization and its stakeholders, and integrating these concepts in formulating socially responsible business policies and strategies.

Prerequisite: MGMT 1000; A grade of C- or higher in any R&E A course.

MGMT 3110 (3)
Production and Operations Management

An analysis of the optimization of production resources; measurement and evaluation of man-machine systems; management principles applicable to the technical care of the organization.

Prerequisite: A grade of C- or higher in any R&E A course; MGMT 1000.

MGMT 3200 (3)
Small Business Management

A basic course in small business and entrepreneurship. The course examines the place and function of small business in the American economy and focuses on principles and problems of establishing, financing, operating, and expanding a small business.

Prerequisite: MGMT 1000; A grade of C- or higher in any R&E A course.

MGMT 3210 (3)
Contemporary Entrepreneurship

A seminar on the nature and dynamics of entrepreneurship. Topics include: conceptualization of "entrepreneurship"; its history and affinities as a theory and a phenomenon; the practicalities of risk-taking and the mechanics of success; and the psychology of entrepreneurship.

Prerequisite: MGMT 3200.

MGMT 3220 (3)
Franchising

A comprehensive study of the principal elements of franchising. Topics include: concepts of marketing the franchise; managerial aspects of franchising to include the overall administrative package of the franchise system; franchising from the franchisee's viewpoint; and the franchise/franchisee relationship. Information is provided through hypothetical business incidents as well as actual case studies.

Prerequisite: MGMT 3200.

MGMT 3230 (3)
Seminar: Small Business Consulting

A Small Business Institute (SBI) program providing practical business and academic experience. The course consists of lectures, weekly meetings, and student consultant teams on small company assignments. A substantial amount of independent work is required.

Prerequisite: A grade of C- or higher in any R&E A course. Senior standing.

MGMT 3300 (3)
International Business Management

An introduction to the problems of environment and structure that international managers face. Topics in comparative management and international business operations are covered, and the impact of the multinational firm is analyzed.

Prerequisite: A grade of C- or higher in any R&E A course; MGMT 1000.

MGMT 3310 (3)
Contemporary Japan - United States Relations

A one-semester course that addresses contemporary social, economic, political, and national security relations between the two most significant powers in the free world. The focus of the course is on the growing interdependency of the two nations and the challenges of managing the relations between these two major powers.

Prerequisite: MGMT 3300.

MGMT 3400 (3)
Human Resource Management

An overview and survey of human resource management and personnel administration. Course topics include: selection, staffing, remuneration, labor relations, training, and development of human resources in organizational environments such as business, government, and not-for-profit agencies.

Prerequisite: MGMT 1000; A grade of C- or higher in any R&E A course.

MGMT 3410 (3)
Public Personnel Administration

A course that considers the contribution of organizational theory to an appreciation of practical personnel problems in public organizations. Representative topics include: socialization and utilization of personnel in public employment; impact of collective bargaining in public bureaucracy; analysis of work methods; organizational behavior; and affirmative action and equal opportunity.

Prerequisite: MGMT 1000 or PSCI 3200; A grade of C- or higher in any R&E A course.

MGMT 3420 (3)**Compensation Management**

A survey course examining contemporary concepts and processes for developing, implementing, and managing a compensation system. Topics include: direct and indirect compensation in a total compensation system; governmental regulations; relevant behavioral science theories; and other external social factors affecting compensation.

Prerequisite: MGMT 3400.

MGMT 3421 (3)**Managing Employee Benefit Plans**

Students learn to better understand and appreciate the intricacies of employee benefits. It prepares students to administer and evaluate employee benefit plans. Topics include: understanding the environment of employee benefits, health and other welfare benefits, flexible benefits, defined benefit and defined contribution retirement plans, and benefit plan administration and communication.

Prerequisite: MGMT 3400.

MGMT 3430 (3)**Negotiation**

A course that reveals the art and science of negotiation through both theory and practice.

Prerequisite: MGMT 3400.

MGMT 3440 (3)**Organizational Change and Development**

An exploration of the process of change in organizations and models thereof. The course emphasizes the need for change in the development process. Topics include: overcoming resistance to change; skills in developing change models; and organizational, group, and individual development. Several units are experiential in nature.

Prerequisite: MGMT 1000; A grade of C- or higher in any R&E A course.

MGMT 3441 (3)**Managing Organizational Performance**

A course that provides a solid foundation for understanding the new global developments in recent decades that have created ideological and strategic changes for the way organizations operate and are managed. It reviews the principles of QM, including continuous improvement, reengineering, productivity, and customer focus. Traditional and contemporary paradigms of organizational and management practices are analyzed in a perspective of global competition, assets, resource management, and culture.

Prerequisite: MGMT 3400.

MGMT 3442 (3)**Managing Organizational Culture**

A course that examines managing organizational culture, one of today's most important leadership challenges. Successful improvements in an organization's performance requires design and implementation strategies appropriate to organizational culture, assets concepts and strategies, goals, and context. Key concepts include: organizational culture; design models for culture; and cultural models for performance management, assessment, and improvement. Discussions and assignments enable the students to assess organizational culture and its influence on

models and designs for how people relate and perform in workplaces.

Prerequisite: MGMT 3440.

MGMT 3443 (3)**Designing Organizational Change**

Quality management and other contemporary changes required for performance improvement cannot be successful or sustained without changes in the way things get done: i.e., the organizational culture. Students learn to design innovations for organizational culture change. They also develop implementation plans based on the analysis of specific organizational and national culture. Case study data are used to understand effective methods for measuring organizational culture and comparing it to organizational goal attainment.

Prerequisite: MGMT 3440.

MGMT 3444 (3)**Training and Development in Organizations**

This course is designed to familiarize students with the training, development, and career management functions in organizations. Course topics include human resource development; the relationship of training to other human resource functions; identifying training needs; maximizing learning; evaluating training programs; and training methods.

Prerequisite: MGMT 3400.

MGMT 3500 (3)**Strategic Planning**

An analysis of modern strategic planning, thought, and practice for the manager; systems approach to planning and decision-making, including management processes, informational support, and public relations evaluation.

Prerequisite: A grade of C- or higher in any R&E A course; MGMT 1000.

MGMT 3510 (3)**Backgrounds of Business**

An analysis of the historical foundations of business, the effects of changes in technology and economic ideas, the implications of modern management practices, and the major responsibilities and opportunities presented by the private enterprise system.

Prerequisite: MGMT 1000; A grade of C- or higher in any R&E A course.

MGMT 3550 (3)**Business Research Methods**

Research process and design, data collection, hypothesis testing, and reporting. The course features econometrics and other quantitative applications in business research.

Prerequisite: ECON 2010, 2015; and MATH 1123; A grade of C- or higher in any R&E A course.

MGMT 3600 (3)**Natural Resource Management**

Sound management principles applied to limited resources such as energy, water, and food.

Prerequisite: A grade of C- or higher in any R&E A course; MGMT 1000.

MGMT 3650 (3)**Employment and Labor Law for Business**

This course addresses law and employment decisions from a managerial perspective. It provides guidelines on how to manage effectively and efficiently with full comprehension of the legal ramifications of their decisions. Students are shown how to analyze employment and labor law facts using concrete examples of management-related legal dilemmas that do not present clear-cut solutions. Topics include a comprehensive survey of employment and labor laws and its impact on management relationships, including the discipline and termination process, employee and employer rights and duties, grievance and labor management relationships.

MGMT 3700 (3)**Human Resource Planning and Staffing**

This course provides an in-depth study of the strategies involved in staffing an organization. The focus is on the creation of competitive advantage through strategic staffing plans, recruitment, and assessment of these challenges. Topics include cost analysis of staffing, turnover analysis, strategic uses and composition of an organization's work force, personnel and performance testing, how to combine procedures and data for personnel decisions, selection and recruitment strategies, selection criteria for staffing multinational companies and overseas assignments, succession planning, and analysis of work force productivity.

Prerequisite: Undergraduate standing.

MGMT 3750 (3)**International Human Resource Management**

This course explores the human resource management issues and concepts that exist in the international or global business environment. Students will be introduced to the differences and similarities of human resource systems globally. The course presents the impact of culture, economy, the law, and other factors in contributing to these differences in HR systems to help students' devise effective strategies to managing people in today's global society.

Prerequisite: MGMT 3400. Undergraduate standing.

MGMT 3990 (1 to 3)**Nonpaid Internship**

See Internship Section.

MGMT 3991 (1 to 3)**Paid Internship**

See Internship section.

MGMT 4000 (3)**Strategic Human Resource Management**

An integrated strategic course in the Human Resource Management program. Students will be able to integrate theories and practices learned in other human resource and business courses and explore the linkages between business strategy and HRM. Extensive projects are designed to make students understand and appreciate business strategy and integrate their course work in HR planning, staffing, development, rewards and compensation, work systems. This course covers domestic and international issues, as well as organizational change and development.

Prerequisite: MGMT 3650, 3700, and 3750. Undergradu-

ate standing.

MGMT 4001 (3)**Business Policy**

One of the capstone courses of the business administration curriculum integrating and building upon the curriculum. The course is designed to guide students in making business policy analyses and decisions through integrating the underlying principles of the functional business areas (finance, human resource management, management theory, etc.) and continuous reappraisal of objectives and policies. The course employs the case method approach in dealing with the larger questions faced by top management.

Prerequisite: Academic advisor approval required.; A grade of C- or higher in any R&E A course.

MGMT 4011 (3)**Implementing Organizational Change****MGMT 4021 (3)****Professional Certification Seminar in Human Resource Management**

A capstone course for undergraduate students enrolled in the BSBA program with a human resources management concentration, or students earning the BA degree with a major in human resource development. All of the major areas in the HRM field are generally revisited. The course is taught through a combination of lectures, in-class discussions, and experiential exercises that should assist the student in successfully completing the Human Resource Certification Institute (HRCI) examination level of Professional in Human Resources (PHR). NOTE: successfully completing this course will not, in and of itself, guarantee passing the certification examination.

Prerequisite: MGMT 3000, 3400, 3420, and 3440. Senior standing.

MGMT 4632 (3)**Strategic Business and the Web****MGMT 4950 (3)****Human Resource Development Practicum**

This course focuses on the practical issues facing the field of training and development. It provides students an understanding of the actual issues that must be addressed in the training and development of people within any organization. In order to accomplish this, students are involved in real or simulated projects requiring the design, implementation, and evaluation of a training program.

Prerequisite: MGMT 3444.

MGMT 4997 (1 to 3)**Directed Readings in Management**

Directed individualized readings.

MGMT 6000 (3)**Individuals, Group Dynamics, and Teams**

This course examines essential aspects of group dynamics and their impact on how teams function. Situations causing conflict in groups and the hidden dynamics preventing teams from functioning effectively are examined and solutions to overcome these problems are discussed.

Prerequisite: BUS 5200. Graduate standing.

MGMT 6001 (3)**Applied Organization Theory**

Managers and professionals in every field have to become skilled in reading and understanding the situations they are attempting to organize or manage. Students learn to explore and develop the art of shaping organizations through the use of metaphor and systems thinking. Emphasis is placed on helping students to embrace their responsibilities as managers and designers or organizations. Cases, exercises, group discussions are used throughout the course.

Prerequisite: Graduate standing.

MGMT 6010 (3)**Production and Operations Management**

A course that focuses on elements of operations management by examining: optimum production resources; measurement and evaluation of man-machine systems; and management principles applicable to the technical core of the organization.

Prerequisite: MS 6000. Graduate standing.

MGMT 6011 (3)**Organizational Behavior**

Organizational behavior (OB) is the study of how individuals, groups, and structure affect human behavior in modern organizations. This course provides HPU graduate students with a broad survey of the field and an opportunity to examine current theoretical and practical understandings of OB resulting from contemporary research. A variety of topics are considered including concepts of motivation, individual and group decision-making, communication processes, leadership and power, conflict and negotiation, technology and work design, human resource policies, and others. One objective of the course is for students to be able to relate the course content to leadership and management in a dynamic global context.

Prerequisite: Graduate standing.

MGMT 6020 (3)**The Regulatory and Ethical Environment of Business**

This course focuses on ethical responsibilities of managers and how the legal environment impacts business decisions. Topics include regulations within the functional areas of risk management internally and externally. It covers contemporary cases such as local and international current issues that offer a foundation in ethical thought.

Prerequisite: Graduate standing.

MGMT 6050 (3)**Information Systems Management**

This course covers several broad areas: key IS and IT systems concepts; aligning technology strategy with business strategy; strategic management models; commonly used metrics for evaluating the performance, feasibility, and financial value of existing and emerging IS and IT solutions; professional, legal and ethical issues as they relate to information technology.

Prerequisite: BUS 5000 and 5200. Graduate standing.

MGMT 6100 (3)**Research Methods and Writing**

This course is designed for international students entering graduate studies and meant to enhance their research skills. It stresses reading business journal articles and graduate level texts, writing cases study analysis reports, and producing professional research papers on contemporary business issues. Required of all non-native speakers of English who are candidates for a graduate degree but who have not earned a previous baccalaureate degree from a U.S. college or institution.

Prerequisite: Graduate standing.

MGMT 6101 (3)**Corporate Information Systems**

A required course for many graduate students at Hawaii Pacific University. Its purpose is twofold: one, to ensure that all graduate students understand the building block concepts associated with modern computer and communications systems; and, two, to sensitize students to the business and management implications of information systems. Using a case-study approach, students investigate the effects of technology-enabling changes on the health and welfare of corporate entities and learn to evaluate the appropriateness of competing IS-based solutions to commonly occurring opportunities in a modern global economy. All students learn to use online research services.

Prerequisite: Graduate standing.

MGMT 6120 (3)**Competitive Intelligence**

A course that provides a theoretical overview and practical techniques for the discipline of competitive intelligence. Topics include the importance of intelligence in business, legal and ethical issues, the intelligence cycle (collection, direction, processing, and dissemination), managerial and marketing intelligence, foreign intelligence collection, and business security/counterintelligence.

Prerequisite: BUS 5200. Graduate standing.

MGMT 6210 (3)**Entrepreneurship**

A seminar that investigates current innovative entrepreneurial issues. Topics include: knowledge-based innovation; calculated risk taking; management of economic resources; market planning; social areas of responsibility and ethics; legal issues; portfolio management; and the political aspects of entrepreneurship. A venture/business plan is developed during this course.

Prerequisite: BUS 5200. Graduate standing.

MGMT 6230 (3)**Small Business Consulting Seminar**

A Small Business Institute (SBI) program providing practical business and academic experience. The course consists of lectures, weekly meetings, and student consultant teams on small company assignments. A substantial amount of independent work is required.

Prerequisite: Graduate standing.

MGMT 6300 (3)**International Business Management**

The study of the applications of management principles to multinational and international business. The course focuses on problems and issues in: social responsibility

and ethics; cultural parameters; the legal environment; management information systems; strategic planning; research and development; international market development; international financial management; and political trends. The course uses the case-method of study and evaluates current multinational organizations.

Prerequisite: BUS 5200. Graduate standing.

MGMT 6310 (3)

Contemporary Japan - United States Relations

An examination of the contemporary social, economic, political, and national security relations between the two most significant powers in the free world. The focus is on the growing interdependency of the two nations and the challenges of managing the relations between these two major powers.

Prerequisite: Graduate standing.

MGMT 6320 (3)

Southeast Asian Business: Theory & Practice

This course emphasizes the leading business issues confronting small- and medium-scale enterprises, as well as successful Asian MNCs. Presented are case studies reflecting regional challenges to businesses. Illustrations include Southeast Asian environmental considerations, management theory, successful business practices and essential business skills. This course also strengthens the understanding of business and economic theory and concepts, and their application to contemporary international business activity.

Prerequisite: MGMT 3300 or 6300* (* must have a grade of C or higher). Graduate standing.

MGMT 6321 (3)

HRM: A Global Perspective

An examination of the functions, processes, and key issues in contemporary human resource management from the perspective of a continuously internationalizing business environment. The importance of HRM in multinational organizations, in establishing of new markets and branch offices abroad, and in developing countries of the world are all considered.

Prerequisite: Graduate standing.

MGMT 6330 (3)

Comparative Management Systems

National, regional, ethnic, and other influences are common in how we lead and manage. A conceptual framework within which students can access the problems of a changing global environment is provided. Globalization and the universal desire for economic development has led both corporations and governments to seek successful models for capitalism and creating wealth. The influence of belief and values on how we manage and organize is the focus of discussion and assignments.

Prerequisite: Graduate standing.

MGMT 6340 (3)

International Environmental Management

Prerequisite: Graduate standing.

MGMT 6350 (3)

Global Markets in Transition

Prerequisite: Graduate standing.

MGMT 6360 (3)

Global Competition and Strategy

Prerequisite: Graduate standing.

MGMT 6400 (3)

Human Resource Management

Prerequisite: Graduate standing.

MGMT 6410 (3)

Public Personnel Administration

Prerequisite: Graduate standing.

MGMT 6420 (3)

Compensation Management

Prerequisite: Graduate standing.

MGMT 6430 (3)

International Negotiations

This course will allow students the opportunity to learn fundamental skills of negotiation and mediation which are applicable across countries and cultures. Learning is accomplished through theoretical understanding, regular practice in simulations, and insight from experts in the field.

Prerequisite: Graduate standing.

MGMT 6431 (3)

Seminar: Negotiation and Wage Determination

Prerequisite: Graduate standing.

MGMT 6440 (3)

Organizational Development

Prerequisite: Graduate standing.

MGMT 6441 (3)

Managing Organizational Performance

Prerequisite: Graduate standing.

MGMT 6442 (3)

Organizational Culture

Prerequisite: Graduate standing.

MGMT 6443 (3)

Change Leadership Strategies

Prerequisite: Graduate standing.

MGMT 6450 (3)

Safety and Health Management

Prerequisite: Graduate standing.

MGMT 6460 (3)

Human Resource Development

Prerequisite: Graduate standing.

MGMT 6500 (3)

Strategic Planning

Prerequisite: Graduate standing.

MGMT 6510 (3)

Managerial Communications

A course that focuses on identification, understanding, articulation, and management of the communication

policies, processes, and practices essential to achievement of organizational objectives, both internal and external. Topics include: image; formal and informal systems; internal and external communication; contingency plans; negotiation; and information management.

Prerequisite: BUS 5200. Graduate standing.

MGMT 6520 (3)

Professional Ethics

A course that encompasses both the theory and practice of professional ethics. The philosophical roots of ethics codes are examined, and the practical application of those principles by executives and administrators are analyzed. The course features guest speakers with special knowledge of ethics principles and practices in the business and governmental sectors; these individuals discuss ways of balancing the demands of business with the principles of ethical standards.

Prerequisite: Graduate standing.

MGMT 6530 (3)

American Business History

An analysis of the historical foundations of business, the effects of changes in technology and economics ideas, the implications of modern management practices, and the major responsibilities and opportunities presented by the private enterprise system.

Prerequisite: Graduate standing.

MGMT 6601 (3)

Management - Not-for-Profit Organizations

An examination of history of American philanthropy and legal and ethical issues relevant to the nonprofit sector. Economic issues, marketing, fund raising, and strategic management issues are also studied. Special attention is given to capital campaigns, and special guest lecturers from the community are called upon to lend diversity to the class.

Prerequisite: BUS 5200. Graduate standing.

MGMT 6611 (3)

Strategic Planning for Not-For-Profit Organizations

A strategic planning course for executive directors, staff members, board members, and volunteers for not-for-profit organizations. This course includes an overview of strategic planning concepts, contemporary issues faced by not-for-profit organizations, the strategic planning process, and effective implementation methods. Practical techniques are emphasized. Students are required to develop and assess a comprehensive strategic plan for a not-for-profit organization.

Prerequisite: Graduate standing.

MGMT 6632 (3)

E-Business and Information Systems

Prerequisite: Graduate standing.

MGMT 6910 (1)

MBA Seminar I - Managerial Communications

A seminar that focuses on effective verbal and written presentation techniques for managers. Some of the topics covered are: do's and don'ts in making effective presentations; how to write a professional report to communicate ideas and articulate policies, processes and practices.

Prerequisite: Graduate standing.

MGMT 6920 (1)

MBA Seminar II - An Intergrated Approach to Global Trade

This seminar will assess students' understanding of the knowledge, skills and attributes obtained in the core courses. Through in-class activities and out-of-class integrative assignments, students will have opportunities to deal with various situational scenarios. Issues related to exporting, importing, franchising, licensing and direct overseas investment will be addressed.

Prerequisite: MGMT 6910. Graduate standing.

MGMT 6930 (1)

MBA Seminar III - Leadership

A survey various leadership styles (structural, political, symbolic, human resource), exploring the effectiveness of each through real-world examples. Students will regularly meet with leaders from the Hawai'i business community, discussing the challenges those leaders have faced and analyzing the type of leadership style(s) they have employed.

Prerequisite: MGMT 6920. Graduate standing.

MGMT 6990 (1 to 3)

Nonpaid Internship

See Internship Section.

Prerequisite: Graduate standing.

MGMT 6991 (1 to 3)

Paid Internship

See Internship Section.

Prerequisite: Graduate standing.

MGMT 6997 (1 to 3)

Directed Readings in Management

Directed individualized readings.

Prerequisite: Graduate standing.

MGMT 7001 (3)

Strategic Management I

An overview of planning, policy formulation and methods of strategy development in various types of organizations will be presented. Economics, social, political, technological and environmental conditions that impact on a firm will be assessed. The development of this plan for a specific organization will become the basis for the course components.

Prerequisite: ECON 6000, FIN 6000, MGMT 6050, MKTG 6000, and MS 6000. Graduate standing.

MGMT 7002 (3)

Strategic Management II

One of the major failures of business plans in that they breakdown in the implementation phase. The objective of this course is to provide the student with the knowledge and experience of having to identify those areas in which the plan can fail. The student will design an action plan that shows how to implement the plan inside and outside the organization. The student will present the plan in written and verbal form to the class and then possibly to

the organization itself.

Prerequisite: ACCT 6000, ECON 6000, FIN 6000, MGMT 6000, 6020, 6050, 6910, 6920, 7001, MKTG 6000, MS 6000. Graduate standing.

MGMT 7011 (3)

Creating Innovations

Innovation and creativity are critical aspects of organizational change and development in contemporary societies. This course explores the significance of innovation and creativity to the human experience. Relationships among creativity, change, and innovation are discussed within a multidisciplinary perspective. Practical methods for creating innovation in organization and group processes are illustrated via cases and simulations.

Prerequisite: Graduate standing.

MGMT 7021 (3)

Professional Certification Seminar in Human Resource Management

Prerequisite: PSHR 6120, 6450, 6460; PSHR 6420 or LAW 6420; PSMA 6400 or PSHR 6400. Graduate standing.

MGMT 7050 (3)

Professional Paper I

The design and development of a major research paper. The professional paper should be of the highest quality and should reflect the student's best efforts in applying skills and knowledge gained in graduate studies. This course is for students in the Weekend MBA Program.

Prerequisite: ACCT 6000, ECON 6000, FIN 6000, LAW 6000, MGMT 6300, MKTG 6000, and MS 6000; IS 6100 or MGMT 6101; PSMA 6400, MGMT 6400, or PSHR 6400. Graduate standing.

MGMT 7051 (3)

Professional Paper II

The design and development of a major research paper. The professional paper should be of the highest quality and should reflect the student's best efforts in applying skills and knowledge gained in graduate studies. Students in the on-campus and satellite campus MBA programs will take MGMT 7051 only. Students in the Weekend MBA program will take MGMT 7050 and MGMT 7051.

Prerequisite: ACCT 6000, ECON 6000, FIN 6000, MGMT 6000, 6020, 6050, MKTG 6000, MS 6000. Graduate standing.

MGMT 7060 (3)

Integrated Management Seminar

The capstone course of the weekend MBA program. The course requires the participant to apply the knowledge and skills learned from the various MBA core and concentration courses to a business situation. An individual comprehensive written case analysis is required in the course.

Prerequisite: Graduate standing.

MIL – Military Science

MIL 1000 (1)

Introduction to Physical Fitness

Hands-on participatory course following the Army's physical fitness program. Classes conducted three days

per week with Army ROTC cadets. Focus is on aerobic conditioning, muscular strength and endurance.

MIL 1050 (2)

Introduction to Military Science I

An introduction to the Army ROTC program, providing instruction in military-related subjects of general student interest. Topics covered include: the organization and role of the Army, customs and courtesies of the Army, the Army writing style, and an introduction to military briefings. Basic skills including map reading, orienteering, rifle marksmanship, first aid, and tactics are also emphasized (2 hours lecture per week).

MIL 1051 (1 to 2)

Introduction to Military Science I Lab

The practical application of classroom instruction. Activities emphasized include: drill and ceremony, first aid, rifle marksmanship, physical fitness, and small unit tactics. (1.5 hours lab per week).

MIL 1060 (2)

Intro to Military Science II

The continuation of MIL 1050. Topics covered previously are explored in more detail. In addition, instruction is given in military leadership, professional ethics, developing a physical fitness program, and the role of officers in the Army. Students have the opportunity to participate in adventure training activities including rappelling, helicopter operations, water operations, water survival, construction of one-rope bridges, and field training exercises. (2 hours lecture per week).

MIL 1061 (1)

Introduction to Military Science II Lab

The practical application of classroom instruction. Activities emphasized include drill and ceremony, first aid, rifle marksmanship, physical fitness, and small unit tactics. (1.5 hours lab per week).

MIL 2050 (3)

Intermediate Military Science I

Instruction emphasizing the basic concepts of military leadership to include the military decision making process and the types and styles of leadership. Basic skills that include map reading, first aid, and rifle marksmanship are further developed. Students are given the opportunity to experience a variety of leadership positions within the ROTC battalion and are encouraged to participate in field training exercises and other extracurricular activities. (2 hours lecture, 1.5 hours leadership lab per week)

MIL 2060 (3)

Intermediate Military Science II

The continuation of MIL 2050. Topics introduced include: military operations orders, wilderness survival skills, individual and squad level tactics, and the key jobs and responsibilities of Army officers. Further expertise in basic skills is developed. Students are encouraged to improve their physical conditioning, to seek a leadership position in the ROTC battalion, and to participate in field exercises and other extracurricular activities. (2 hours lecture, 1.5 hour leadership lab per week).

MIL 2070 (6)**ROTC Basic Camp**

A five-week summer course conducted at Fort Knox, Kentucky. It substitutes for ROTC basic course (1050, 1060, 2050, and 2060) and fulfills course requirement for admission to ROTC advanced courses. Credit will be given for 2070 or basic courses, but not both.

MIL 3050 (4)**Leading Small Organizations I**

A series of practical opportunities to lead small groups and receive personal assessments and encouragement. The course uses small unit defensive tactics and opportunities to plan/conduct training and includes field training sessions, student taught classes, and presentations/briefings. (2.5 lecture, 1.5 hours lab)

Prerequisite: MIL 1050, 1060, 2050, and 2060.

MIL 3060 (4)**Leading Small Organizations II**

The analyses of tasks and preparation of written or oral guidance for team members to accomplish tasks. Delegate tasks and supervise. Examine and apply lessons from leadership case studies. Examine importance of ethical decision-making. Includes field training sessions, student taught classes, and presentations/briefings. (2.5 lecture, 1.5 hours lab)

Prerequisite: MIL 1050, 1060, 2050, 2060, and 3050; or MIL 3060.

MIL 3070 (4 to 6)**ROTC Advanced Camp**

A five-week summer field training exercise conducted at Fort Lewis, Washington. Arduous and intensified leadership training is conducted throughout the five-week period. Required for U.S. Army commissioning.

Prerequisite: MIL 3050 or 3060.

MIL 3910 (3)**History of Military Warfare****MIL 4050 (4)****Leadership Challenges and Goal Setting**

Plan, conduct, and evaluate activities of the ROTC cadet organization. The student assess organizational cohesion and develops strategies to improve it, and develops confidence in skills to lead people and manage resources. The course includes field training sessions, student taught classes, and presentations/briefings. (2.5 Lecture, 1.5-hours Lab).

Prerequisite: MIL 1050, 1060, 2050, 2060, 3050, and 3060.

MIL 4060 (4)**Transition to Lieutenant**

A continuation of the methodology from 4050. The student identifies and resolves ethical dilemmas, refines counseling and motivating techniques, examines aspects of tradition and law as related to leading as an officer in the Army, and prepares for a future as a successful Army officer. The course includes field training sessions, student taught classes, and presentations/briefings. (2.5 Lecture, 1.5-hours Lab)

Prerequisite: MIL 1050, 1060, 2050, 2060, 3050, 3060,

and 4050.

MIL 4997 (1 to 4)**Directed Reading and Research**

Directed individual reading.

MKTG – Marketing**MKTG 3000 (3)****Principles of Marketing**

A general introduction to fundamental marketing principles and policies. Course units include: marketing functions; price policies and controls; trade channels, merchandising, and market research; competitive practices and government regulations; product development; and integration of marketing with other activities of the business enterprise.

Prerequisite: MGMT 1000; A grade of C- or higher in any R&E A course.

MKTG 3100 (3)**Consumer Behavior**

A course that explores how consumers have changed relating to their purchase behaviors and explore trends for the future. Students learn how to design a winning customer behavior survey and analyze the data. Several state-of-the-art techniques, such as Internet research, are discussed to apply survey results to increase customer satisfaction and loyalty, and subsequently sales.

Prerequisite: MKTG 3000; MATH 1123 or 3323.

MKTG 3110 (3)**Market Research**

This course examines the fundamental techniques and methods of analysis used to successfully examine product/service potential, consumer sentiment, market saturation, or segmentation. Students present results in a professional manner that will support strategic planning initiatives.

Prerequisite: MKTG 3000; MATH 1123 or 3323.

MKTG 3200 (3)**Product Management and Creativity Marketing**

Students are challenged with distinguishing selected products or services to consumers in crowded competitive markets. Methods are then analyzed to manage the brand successfully into the market.

Prerequisite: MKTG 3000.

MKTG 3410 (3)**Marketing Promotion**

Students are introduced to the concepts of Promotion strategy and management as a part of the marketing mix. The course develops the understanding of various domestic and international strategy and management procedures and issues underlying marketing promotion. Topics include the basic elements, strategy, planning and management of promotion and integrated marketing communication, explored through current trends, models, theories, structures and protocols in the marketing process.

Prerequisite: MKTG 3000. Undergraduate standing.

MKTG 3420 (3)**International Marketing**

A course that focuses on problems and issues in: marketing

management; strategic planning; research and analysis; advertising; and product distribution in international business.

Prerequisite: MKTG 3000.

MKTG 3500 (3)

Web Advertising

A survey of advertising theory, techniques, and applications. Topics include: targeting specific markets; deciding on particular advertising strategies and media; applicable communication theory; management and evaluation of advertising campaigns; the technical aspects of layout and design; and writing copy.

Prerequisite: MKTG 3000.

MKTG 3520 (3)

Sales Force Management

Principles of selling and salesmanship. Selling techniques, the social psychological principles of persuasion, and pertinent facets of interpersonal communication are analyzed. Instruction includes lectures, discussions, and the application of relevant principles and techniques.

Prerequisite: MKTG 3000.

MKTG 3600 (3)

Guerilla Marketing

Certain situations and products often require extraordinary initiatives. The basic marketing process is reviewed with any eye toward understanding when and how tactical disruptions can be effective means of presenting unique products and services. Case studies are a cornerstone of the course.

Prerequisite: MKTG 3000.

MKTG 3610 (3)

Sports Marketing

With sports marketing a multibillion dollar a year business, marketers need to pay special attention to the media coverage, general marketing mix, public relations, visual communications, pricing strategy and merchandise connections that are relevant in this expanding industry. The course uses both text and cases for reference.

Prerequisite: MKTG 3000.

MKTG 3620 (3)

Services Marketing

Unlike manufacturing, services are processes that involve customers in their production. This calls for a whole new method of analyzing producer-consumer interactions. Services account for almost 70 percent of the U.S. GDP and over 75 percent of its non-farm jobs yet are rarely studied as a separate subject. This course studies the nature of services as products, their pricing, promotion, and placement strategies. Course work includes case studies, class discussions, and primary research for a written project.

Prerequisite: MKTG 3000.

MKTG 3630 (3)

Retail Management

The study of the principles and function of retailing and retail management. The course features analysis of various fundamental problems in retailing, location, and layout; merchandise planning; buying and selling organizations;

expense analysis and control; and coordination of store activities.

Prerequisite: MKTG 3000.

MKTG 3700 (3)

Electronic Marketing

A course that discusses the technique and tools used by marketers to harness the marketing potential of the Internet. Current methods of incorporating online marketing into the overall strategy of a business are analyzed, including the use of the Internet for customization, personalization, real-time pricing, and customer relationship management.

Prerequisite: MKTG 3000.

MKTG 3710 (3)

Data Base Marketing

A course that discusses the technique and tools used by marketers to harness the marketing potential of the Internet. Current methods of incorporating online marketing into the overall strategy of a business are analyzed, including the use of the Internet for customization, personalization, real-time pricing, and customer relationship management.

Prerequisite: CSCI 3201 and MKTG 3000.

MKTG 3950 (1 to 7)

Practicum

MKTG 3990 (1 to 3)

Nonpaid Internship

See Internship Section.

MKTG 3991 (1 to 3)

Paid Internship

See Internship Section.

MKTG 4000 (3)

Integrated Marketing

An introduction to the incorporation of marketing strategy within a business with the focal discussion point being the customer and the marketing mix (product, price, promotion, placement). Internal and external factors impacting an organization's marketing strategy are explored.

Prerequisite: MKTG 3000.

MKTG 4100 (3)

Customer Service

A vast repertoire of techniques for maximizing customer satisfaction, and therefore establishing the long run relationship with the business/service are examined. Businesses and service organizations which are particularly noted for their service are examined and benchmarked. Analysis is conducted with regard to cost and benefits of enhancing customer service.

Prerequisite: MKTG 3000.

MKTG 4400 (3)

Marketing Management

A basic "marketing for managers" course, providing for discussion and solution of problems and current issues involving product strategy, pricing, distribution, promotion, and marketing research from a management viewpoint. Emphasis is on social and economic responsibilities for

the marketing function.

Prerequisite: MKTG 3000.

MKTG 4410 (3)
Advertising Management

MKTG 4950 (1 to 6)
Practicum

MKTG 4997 (1 to 3)
Directed Readings in Marketing
Directed individualized readings.

MKTG 6000 (3)
Marketing Strategy for Managers

A marketing systems course using the case-study method, designed to provide a comprehensive orientation to both marketing theory and practice. Various contemporary problems and solutions in marketing are covered from the perspective of the marketing manager. Major units of study include: the marketing mix; the legal environment; pricing strategy; research and analysis; the marketing information system; product/service promotion; distribution channels; consumer behavior; and strategy implementation.

Prerequisite: BUS 5200. Graduate standing.

MKTG 6100 (3)
Global Consumer

This course will target the consumer with access to the global market place. The course will focus on the changing demographics of the consumer. In addition, the impact of technology and changes needed in promotion strategy will be addressed. Students will conduct comparative studies as part of the course requirements.

Prerequisite: MKTG 6000. Graduate standing.

MKTG 6110 (3)
Market Research

A distinctive marketing perspective on strategic management issues, building on the functional foundations of marketing. The course covers the basic methods of analysis such as life cycle, experience curves, Profit Impact on Market Strategies (PIMS), portfolio models, and decisions support systems that help support the strategic planning process.

Prerequisite: MKTG 6000 and MS 6000. Graduate standing.

MKTG 6200 (3)
Strategic Brand Management

This course examines the product management process from the perspective of the brand manager. It covers the strategic product decisions which must be made in the areas of: (1) the development and introduction of new products/brands; from the idea of commercialization; (2) the marketing of existing brands, with emphasis on building, managing, and leveraging brand equity; and (3) the marketing of product modifications, product line extensions, brand extensions, and product deletions.

Prerequisite: MKTG 6000. Graduate standing.

MKTG 6310 (3)
Sales Force Management

This course provides an understanding of the unique deci-

sions regarding the organization and deployment of a sales force and the role of selling in a firm's overall marketing strategy. Beginning with an overview of professional selling concepts, the course proceeds to the discussion or prospecting, determining customer wants and needs, making sales presentations, overcoming objections, and closing the sale. The managerial components of the course include time and territory management, recruiting and training salespeople, sales forecasting, motivating and leading the sales force, and compensating and evaluating salespeople.

Prerequisite: MKTG 6000. Graduate standing.

MKTG 6410 (3)
Marketing Promotion Management

Students are acquainted with the concepts of Advertising Management. The course develops the understanding of various domestic and international management procedures and issues underlying the management of advertising. Topics include the planning and managing, the environmental and legal issues, and the social and economic effects of advertising. Case studies and contemporary examples are used.

Prerequisite: MKTG 6000. Graduate standing.

MKTG 6420 (3)
International Marketing

A seminar exploring the nature and environment of international marketing with an analysis of international opportunities. Strategies for production, distribution, promotion, and pricing in overseas markets are studied within a framework of the constraints and advantages of international marketing, economic, and cultural systems.

Prerequisite: MKTG 6000. Graduate standing.

MKTG 6445 (3)
Healthcare Marketing

This course introduces MBA and professional students to healthcare's complex marketing landscape. The course generally reviews marketing concepts, explores and analyzes current healthcare issues and challenges then develops strategic solutions for hospitals, clinics and specialty issues including managed care and social marketing. The student may tailor the course to specific needs.

Prerequisite: Graduate standing.

MKTG 6500 (3)
Integrated Marketing

A strategic approach to incorporation of marketing strategy within the corporate plan, emphasizing the importance of uniform positioning. This course includes the integration of customer and the marketing mix (product, price, promotion, placement) as well as the marketing plan's integration with other corporate functional areas: research, R and D, production, HRM, and finance.

Prerequisite: Graduate standing.

MKTG 6600 (3)
Marketing for Non-Profits

A course that focuses on marketing strategies for public and not-for-profit organizations. Issues include: design and implementation of marketing strategies tailored to specific organizations and programs; the enhancement of client and public interaction; the management of internal retail

operations; obtaining marketing services; and management of the marketing activity.

Prerequisite: Graduate standing.

MKTG 6700 (3)
Electronic Marketing

This course examines the impact of the Internet of current marketing theory and practice. Of particular interest are the opportunities information technology offers for interacting with customers and business partners. Business models and strategy are discussed from the perspective of both business-to-business and business-to-consumer marketing. To keep abreast of emerging technology, the course has a strong application tone with hands-on Web activities and projects.

Prerequisite: MKTG 6000. Graduate standing.

MKTG 6710 (3)
Data Base Marketing

Every marketing strategy and decision requires the knowledge and application of data. This course provides a practical demonstration of using data to target, increase and grow a customer base. It includes the research aspects (collection, establishment, and management of databases), the analytical aspect (what is it and what does it mean) and the application (what to do with it, how can it help).

Prerequisite: BUS 5000 and MKTG 6000*. (* must have a grade of C or higher). Graduate standing.

MKTG 6900 (3)
Marketing Seminar (Sales Force)

A course which examines the management of an outside sales force. Topics include: 1) the field of sales management; 2) planning the sales team's efforts including budgets, quotas, and territories; 3) recruiting and training the sales team including selling skills and knowledge of the sales process; and 4) directing and controlling the sales team including issues related to motivation, compensation, and evaluation.

Prerequisite: MKTG 6000. Graduate standing.

MKTG 6910 (3)
Marketing 2000

An exploration of evolving issues in marketing and marketing management. The course is meant to go beyond traditional marketing considerations and challenges the student to recognize and respond to continual change. Contemporary marketing issues and problems are discussed and analyzed as case studies. Students will be expected to develop perspectives on the future of marketing that can serve them through a marketing career.

Prerequisite: MKTG 6000. Graduate standing.

MKTG 6990 (1 to 3)
Nonpaid Internship

See Internship Section.

Prerequisite: Graduate standing.

MKTG 6991 (1 to 3)
Paid Internship

See Internship Section.

Prerequisite: Graduate standing.

MKTG 6997 (1 to 3)

Directed Readings in Marketing

Directed individualized readings.

Prerequisite: Graduate standing.

MS – Management Science

MS 6000 (3)

Decision Models for Managers

This course introduces multivariate data analysis, forecasting and Management Science techniques as they are applied to managerial decision making. Applications will be drawn from the production, service and planning context as well as distribution and transportation to demonstrate how optimization and simulation models can improve the performance of an organization.

Prerequisite: BUS 5000, 5100, and 5200. Graduate standing.

MS 6110 (3)

Data Management Using Excel

A course for developing a practical working knowledge of fundamental data management concepts that can be applied without using specialized statistical software. The content focuses on developing practical computer-based analytical skills and includes - identifying statistical problems; analyzing and presenting raw and polished data; using statistics in managerial decision making; and utilizing more available spreadsheet software functions.

Prerequisite: MS 6000.

MS 6210 (3)

Management Decision Models

This course focuses on the development of practical decision making skills, the analysis of real life problems, and the utilization of those skills in providing answers to those problems and includes - structuring and modeling decision problems; defining and quantifying risk; analyzing trade-offs between alternatives; and examining financial, social, economic, and medical decision making problems.

MS 6997 (1 to 3)

Directed Readings in Management Science

Directed individualized readings.

Prerequisite: Graduate standing.

MULT – Multimedia

MULT 1100 (3)

Foundations of Multimedia Production

This course introduces foundational software tools and writing systems used in modern multimedia communication and design. Instruction provides students with the technical know-how and context necessary to proceed in the multimedia program through software tutorials as well as the creation of physical and web-based portfolio material. The use and purpose of the static image, composition, color, fonts and motion graphics will be explored through in-class instruction and home-based experimentation.

MULT 2000 (3)

Introduction to Cinema Studies

This course provides an overview of the foundational

elements of cinema studies, covering the technical, historical, and theoretical aspects of the field. Subjects we will survey include cinematography, editing, production design, primitive and classical cinema, the function of genre, avant-garde and documentary film. Components emphasized include the language of film studies and the early history of film.

Prerequisite: A grade of C- or higher in any R&E A course.

MULT 2060 (3)

Modern Media Systems

This course explores the history of the media, the technology, regulations, programming, ratings, the international scene, sales and advertising, the audience and its effects.

Prerequisite: ; A grade of C- or higher in any R&E A course.

MULT 2460 (3)

Graphic Design Studio

In this course, students learn graphic design principles and desktop publishing concepts and skills, and design materials for their portfolio efforts, including advertisements, letterheads, logos, brochures, flyers, newsletters, posters, and pamphlets. Students receive instruction on the use of Adobe InDesign, Adobe Photoshop and Illustrator software, and other pertinent programs to complete class projects. Principles of good design (emphasis, sequence, proportion, balance, and unity) will be taught as well as principles for the use of typography, color, photography, etc., in publishing.

Prerequisite: CSCI 1011, 1041, or MULT 1100. Undergraduate standing.

MULT 2465 (3)

Motion Picture Production

This course provides an introduction to digital video and audio production concepts and techniques. Theory is integrated with practical applications in motion picture analysis, video capture, lighting, audio production, and nonlinear editing. The course focuses on developing visual storytelling skills and fosters individual responsibility for course projects and deliverables in a collaborative environment.

Prerequisite: A grade of C- or higher in any R&E A course; MULT 1100. Undergraduate standing.

MULT 3360 (3)

Writing for New Media

A course that focuses on the skills and style necessary for creating a variety of messages for radio, television, and new media.

Prerequisite: COM 1200, JOUR 3000, or MULT 2060; A grade of C- or higher in any R&E A course.

MULT 3400 (3)

Design Systems and Portfolio

Students assemble their own graphic design portfolio as they complete design projects toward print and digital display. Students use Adobe InDesign, Photoshop and Illustrator software amongst other tools to complete course projects. Theories and concepts of design, visual communication, audio, typography and use of color are

expanded upon in this course.

Prerequisite: MULT 2460.

MULT 3470 (3)

TV Studio Production

An introduction to the skills required in television studio production. Areas covered will include filming and composition continuity, and character, theme development and denouement. Samples of these elements will be presented to students in the form of video presentations and demonstrations. Students will learn to identify the complex functions of a variety of video, audio and lighting equipment. They will perform as professionals and learn how to produce, direct, and crew live-on-tape studio productions.

Prerequisite: MULT 3360 or 3465. Undergraduate standing.

MULT 3475 (3)

Web Interface and Design

Lecture-lab combined course exploring theories of design and providing a basic introduction to the production and publication of multimedia Web content. Students will incorporate theory, interface design and advertising consideration to create projects ready for Web publication.

Prerequisite: MULT 2460.

MULT 3480 (3)

Digital Imaging

This course offers instruction in PhotoShop. Images are created for the internet and print daily. Students will learn the software, and also the concepts of developing graphics that create aesthetically digital images for print. Students gain real life experience by creating digital illustrations for publication in the HPU newspaper, "The Kalamalama."

Prerequisite: MUL 2460 and 3470.

MULT 3490 (3)

Motion Graphics

Motion graphics are a key component to moving visual images as seen on the internet and television. Many documentaries and commercials make use of the software: After Effects. Panning the still image to create the image to create the illusion of movement, animating typefaces as they are superimposed over video and creating a 3-D space using cameras and lights within the software are examples of some of the skills taught. Students complete assignments that reinforce software skills and demonstrate creativity.

Prerequisite: MULT 2460 and 3480.

MULT 3500 (3)

Cinematography Workshop

This course covers the fundamentals of cinematography. Students will meticulously review the functions of the single lens reflect still camera and the digital video camera. By the end of this course students will understand the cornerstones of photography and cinematography. Students will address the quality and manipulation of light, shadow, color, and composition while working with various cameras and attendant technology. Students will be able to artistically manipulate the camera's capabilities and lighting to create images which achieve courses and

student creative goals.

Prerequisite: MULT 2465.

MULT 3510 (3)

Non-linear Audio-Visual Editing

This course covers the history, theory and practice of digital non-linear editing. It concentrates on both the technical skills needed to produce a competently edited audio-video program and the aesthetic concerns an editor faces for different types of projects.

Prerequisite: MULT 2465. Graduate standing.

MULT 3560 (3)

Documentary Production

This project-based course explores documentary production from a hands-on experiential perspective. Designed to expand on the knowledge acquired in MULT 2465 Motion Picture Production, students must write, produce, and direct and digitally edit fact-based documentary projects. Along with production, the course covers the theory, history and scriptwriting of documentaries.

Prerequisite: MULT 2465 or WRI 3320.

MULT 3600 (3)

Creative Narrative Production

Creative Narrative Production will strengthen the student's cinematic storytelling abilities through the creation of several short digital video productions and a short screenplay. This class is designed to encourage an organic exploration of storytelling, to strengthen trust in one's own ideas and instincts, and heighten student curiosity about human nature and the world at large. The heart of the course involves exploration of visual language on a practical level while keeping in mind our technical, epochal and cultural contexts.

Prerequisite: MULT 2465; JOUR 3000 or WRI 3320.

MULT 3675 (3)

Advanced Web Design

This course covers the design of dynamic and highly interactive web sites as corporate identity and communication tools. Particular attention is paid to combining visual appeal and functionality as well as incorporating multimedia modules such as audio and video to enhance media richness. Introductory and intermediate skill levels of Flash are addressed.

Prerequisite: MULT 2460 or 3475.

MULT 3700 (3)

Radio and Audio Production

A lecture-laboratory course that includes basic issues in radio broadcasting, an overview of station operations, planning, FCC rules and regulations, script preparation, production, and guest lectures.

Prerequisite: ADPR 2000; COM 1200; JOUR 3000; and MULT 2060; A grade of C- or higher in any R&E A course.

MULT 3750 (3)

Motion Graphics and Compositing

This course covers motion graphics and compositing using Adobe After Effects and other related software. The Motion Graphics and Compositing course instructs students in how to learn to use one's creativity to produce

attention-grabbing, integrated communication design for film, television, and the Web. Motion Graphics are responsible for many effects found in movie trailers, opening film credits, television commercials, animated network identities, short promos, and advertising of all types.

Prerequisite: MULT 2460 and 2465.

MULT 3780 (3)

Global Documentary

Global Documentary Filmmaking offers students the opportunity to create a documentary in a location outside of O'ahu. Students will experience cross-cultural awareness and collaboration as they produce a digital audio-visual documentary. The theme and location of the documentary project will vary from offering to offering, but in general the production and narrative will be grounded on inter-cultural communication and good will vis-à-vis the host cultures and location.

Prerequisite: MULT 1100.

MULT 3910 (1 to 3)

Selected Topics in Multimedia

Course title, content, and prerequisites will vary. May be repeated for a total of 9 credits when title and content have changed.

Prerequisite: Undergraduate standing.

MULT 3950 (3)

Contemporary Cinema Studies

This course explores current trends in cinematic studies. Critical methods including psychoanalytic studies, cognitive approaches, auteur theory, Lacanian analysis and postmodernism will be utilized to analyze films from the last forty years. Students will be able to distinguish between different critical approaches and creatively apply contemporary theory.

Prerequisite: MULT 2000.

MULT 3990 (1 to 3)

Nonpaid Internship

See Internship Section.

MULT 3991 (1 to 3)

Paid Internship

See Internship Section.

MULT 4000 (3)

Documentary and Corporate Video Part 1

This is the first part of a course that allows advanced video students to use acquired production skills on a longer, in depth program. It will also provide an opportunity for Hawaii Pacific University students to interact with the community in a professional and service based capacity.

Prerequisite: MULT 3560.

MULT 4010 (3)

Documentary and Corporate Video Part 2

The second part of a course that allows advanced video students to use acquired production skills on a longer in depth program. This course concentrates on the technical skills needed to produce a documentary. It follows Documentary Part 1 consecutively. Can be taken in lieu of COM 4900.

Prerequisite: MULT 4000.

MULT 4100 (3)**Visual Culture and Media Theory**

This course surveys contemporary media theory, develops critical media analysis skills, and serves as a gateway course to advanced work in critical, literary and communication studies. The course requires students to actively engage with ongoing changes in how meaning circulates through visual culture. Students are required to address a broad spectrum of theoretical models and applications as they engage in analysis of film, TV, the Internet, and other audio-visual artifacts.

Prerequisite: MULT 2000 and 2060.

MULT 4702 (3)**Mobile Design**

An introduction to interface and application design for mobile platforms such as Smartphones, iPads, and Tablets. This course will review the general interface design and prototyping process, with special focus on the restricted mobile environment. A significant portion of the course is organized around critical engagement with the latest academic and design literature in the field. This course will at times include joint projects with students in the mobile application programming course, CSCI 4702.

Prerequisite: MULT 3475.

MULT 4900 (3)**Seminar in Visual Communication**

A "capstone" course that allows senior multimedia students to use acquired skills in longer, in-depth projects. This course gives students the chance to use their skills in the area of multimedia communication to create a portfolio quality project and analysis.

Prerequisite: MULT 2465; A grade of C- or higher in any R&E A course.

MUS – Music**MUS 1000 (3)****Introduction to Western Classical Music**

An introductory exploration of the evolution of Western classical music (WCM) from the Middle Ages to the present in relation to the background of life and art. Major historical movements in WCM are covered as well as the basics of reading western music notation. In addition, the impact and influence of non-western music on WCM will be examined. Field trips will be made to local performing groups.

MUS 1400 (3)**Music Fundamentals I**

An introduction to the fundamental workings of tonal music: reading and notating music; rudiments of music theory and terminology; elementary formal analysis; development of aural skills, including interval recognition, sight-singing, and rhythmic, melodic and harmonic dictation. Individual listening lab work required outside of class.

MUS 1710 (1)**International Chorale**

International Chorale is designed to enable students to

perform choral repertoire from multiethnic sources. The course will provide a way for students to express their vocal talents. Performing venues include campus events as well as concerts in the broader community. Special attention will be taken to develop healthy vocal production and basic music reading skills. An audition is required.

MUS 2101 (3)**Music in World Culture**

A course that deals with a wide variety of musical traditions from around the world, including "classical," "folk," and "popular." Students learn to differentiate between different types of music and often have the opportunity in hands-on sessions to play instruments from around the world such as the Chinese Luogu (percussion ensemble). (This course may substitute for GEOG 2721.)

Prerequisite: A grade of C- or higher in any R&E A course.

MUS 2400 (3)**Music Theory I**

Music Theory I is the study of music notation, the basic principles of part-writing, voice leading, chord progression, and music form and analysis. Students will develop skill in note and chord recognition, scales, intervals, and melodies. Integral to the course are the development of skills in music reading, ear-training, sight-singing, and melodic and harmonic dictation. A required course for students enrolled in the Music Minor curriculum.

Prerequisite: MUS 1400 or consent of instructor.

MUS 3010 (3)**Jazz History**

An introduction to the evolution of jazz, from its roots in West Africa, the journey through New Orleans and its eventual development into what many now consider "America's classical music." Social and cultural factors contributing to the music's growth will also be examined. The course identifies major figures who helped shape the future of jazz, as well as important trends and stylistic developments. Field trips will be made to live performances.

Prerequisite: A grade of C- or higher in any R&E A course; ANTH 2000, HIST 2402, HUM 1000, or MUS 1000.

MUS 3030 (3)**History of American Musical Theater**

History of American Musical Theater is a survey course that examines the history and masterworks of musical theater, beginning with the birth of opera but focusing on musicals in the United States. The course will consist of lecture/discussions, guided and independent listening, a course paper and periodic examinations.

Prerequisite: MUS 1000 or consent of instructor. Undergraduate standing.

MUS 3100 (3)**Theater Music of the World**

Theater Music of the World is an ethnomusicology course with an emphasis on theater. Modern and historical musical theatre traditions are examined through a sight and sound exploration of cultures throughout the world such as Japanese Noh drama and Kabuki theatre, Chinese Jingju

opera, Indian Kathakali theatre, Indonesian dance drama and puppet theatre, Western opera, Broadway musicals, and so forth. In addition, the impact and inter-influence of non-western music and western operatic music will be examined.

Prerequisite: MUS 2101 or consent of instructor. Undergraduate standing.

MUS 3210 (1 to 2)

Applied Music

Applied Music consists of private or group lessons on a musical instrument or voice with a faculty member of the Arts and Humanities Department for academic credit. Students must furnish their own instruments, except piano. Students will be evaluated on their level of improvement. Other means of earning Applied Music credit(s) include choosing one of the following: 1) attend and perform at recitals; 2) attend and perform at a joint concert with performance ensembles; 3) attend a performance and write a concert report; 4) write a research paper with a topic from an applied professor.

Prerequisite: MUS 1400 or consent of instructor.

MUS 3700 (1)

Sea Warrior Band

Intensive training in ensemble and instrumental (classical and jazz) band repertoire. Performing venues may include campus events and performances around the state, US Mainland and abroad. Repeatable for credit.

Prerequisite: An audition is required.

MUS 3710 (1)

International Vocal Ensemble

Intensive training in ensemble and choral singing. Enables students to perform choral repertoire from multiethnic sources. Explores choral music from historical and cultural perspectives. Performing venues may include campus events and performances around the state, U.S. mainland, and the world. Special attention devoted to developing healthy vocal production and improving music reading skills. Repeatable for credit. An audition is required.

MUS 3720 (1)

Chamber Orchestra

Intensive training in ensemble and instrumental (classical) orchestral repertoire. Performing venues may include campus events and performances around the state, US Mainland and abroad. Repeatable for credit. An audition is required.

MUS 4000 (3)

Topics in Music

Course is designed as an exploration of music topics in music history, music literature, music theory, applied music, music education, and ethnomusicology. The topic will change each time the course is offered.

Prerequisite: Any 3000-level MUS course or consent of instructor.

NSCI – Natural Sciences

NSCI 1000 (1)

Freshman Science Seminar

An introduction to all aspects of majoring in College of

Natural Sciences degree programs. Students learn how to take responsibility for their academic progress by learning how to plan course schedules and succeed in science courses. Career and graduate school information is also covered. Students participate in service learning project sponsored by science-related student organizations.

NSCI 2000 (3)

"Lessons" for Building Sustainable Communities

This course will allow students to develop critical thinking skills in a real world environment. Students will refine these skills by addressing concrete community concerns through hands-on problem solving through the application of a science-based approach to generate evidence-based sustainable solutions. This course will involve team problem solving and mentoring by upper-division students (see NSCI 3000). This course is designed to introduce students to investigating the sustainability of the HPU and local Hawaii communities and to identifying potential solutions to the problems these communities face.

NSCI 2100 (3)

Biotechnology: Problems and Solutions

Biotechnology uses biological principles or products to solve problems or produce valuable commodities. This course will cover the basic scientific principles involved and give non-science majors the knowledge and vocabulary they need to appreciate and evaluate the benefits and risks of biotechnology. Students will develop their ability to evaluate the competing influences and range of consequences involved in different types of biotech problems and solutions and to explore their own ethical and moral values and choices in these areas.

Prerequisite: Any Com Skills A course.

NSCI 3000 (3)

Building Sustainable Communities

This course will allow students to develop critical thinking skills in a real world environment. Students will have an opportunity to refine these skills by addressing concrete community concerns through hands-on problem solving and the application of a science-based approach to generate evidence-based sustainable solutions. This course is designed to draw students into investigating the sustainability of the HPU and local Hawaii communities and, in perceiving the problems these communities face, to work with them to develop sustainable solutions for their concerns.

Prerequisite: A grade of C- or higher in any R&E A course; Any Global Systems A course.

NSCI 3950 (1 to 3)

Natural Sciences Practicum

An introductory research experience for students interested in working on special topics under the direction of a science faculty mentor.

NSCI 6110 (1)

Graduate Seminar I

Graduate students develop skills and strategies for independent research. Students may attend scientific seminars at HPU or other venues as appropriate and prepare a written and oral presentation of their proposed thesis research.

Prerequisite: Graduate standing.

NSCI 6120 (1)

Graduate Seminar II - Thesis Presentation

MSMS students attend scientific seminars at HPU or other venues as appropriate, evaluate scientific styles, practice presentation techniques, and present a seminar on their completed thesis research.

Prerequisite: NSCI 6110. Graduate standing.

NSCI 6900 (1 to 3)

Master's Research

MSMS students do research towards their thesis under the supervision of a research mentor, contributing to the initial research proposal or to the masters thesis. Variable credits.

Prerequisite: Graduate standing.

NSCI 7000 (1 to 3)

Master's Thesis

This course serves as a capstone course for the MSMS program. Students enrolled in this course will work closely with the instructor to improve their scientific writing skills. During this course students will develop a written thesis that describes their research in standard scientific format. Students are expected to enroll in this course after a majority of their thesis research is completed and as approved by the student's thesis committee.

Prerequisite: Graduate standing.

NUR – Nursing

NUR 2000 (2)

Introduction to Professional Nursing

This course is designed to facilitate the student's understanding of the professional nurse's behavior and role as influenced and/or governed by individual, societal and cultural values; professional ethical codes; and state and federal laws and regulations. The course examines current issues impacting the practice of professional nursing and develops beginning fluency in medical terminology. Ethical, leadership, and political knowledge and skills are introduced as critical issues affecting health care systems and professional nursing practice in contemporary society.

Prerequisite: A grade of C- or higher in any R&E A course.

NUR 2100 (1)

Nutrition and Diet Therapy

An introduction to the principles of nutrition and diet therapy integral to the practice of nursing.

Prerequisite: BIOL 2030, 2031*, BIOL 2032*, BIOL 2033*, CHEM 1000, CHEM 2030, and NUR 2000*. (* must have a grade of C- or higher); A grade of C- or higher in any R&E A course.*

NUR 2200 (3)

Development Across the Lifespan

Students will examine the cognitive, physical, and psychosocial development of the individual from birth to death with special emphasis on health related issues. Students will consider such factors as heredity, early experiences, parenting, peers, learning, abuse and violence, adult

transitions, and aging. Students will be exposed to the major theories of human development and apply those theories as they observe/interview individuals at various ages and stages.

Prerequisite: A grade of C- or higher in any R&E A course; PSY 1000.

NUR 2300 (3)

Pharmacology

An introduction to the use of drugs to diagnose, prevent, or treat disease using a neurologic integration concept and model as a framework for understanding.

Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2030, 2031*, BIOL 2032*, BIOL 2033*, CHEM 1000, CHEM 2030, and NUR 2000*. (* must have a grade of C- or higher).*

NUR 2301 (1)

Math for Meds

An exploration of the principles of medication administration and calculation.

Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2010, 2030*, 2031*, 2032*, 2033*; CHEM 1000, 2030; MATH 1115 or 1130. (* must have a grade of C- or higher).*

NUR 2930 (3)

Pathophysiology

A course that emphasizes the alterations of processes that affect the body's dynamic integration as interpreted by cultural health beliefs and values, and uses a conceptual approach based on Gordon's Functional Health Patterns.

Prerequisite: NUR 2300, 2301*, 2950*, 2951*, 2960*, 2961*, 2970*, and 2971*. (* must have a grade of C- or higher).*

NUR 2940 (2)

Health Promotion and Education

An introduction to the principles of health teaching that integrates physical, psychological, spiritual, developmental, and social dimensions within a cultural and environmental context. Emphasis is placed on promoting healthy behaviors that are consistent with the client's health beliefs and practices. Students will apply health teaching and transcultural nursing theory and concepts in a community service-learning project.

Prerequisite: NUR 2300, 2301, 2950, 2951*, 2960*, 2961*, 2970*, and 2971*. (* must have a grade of C- or higher).*

NUR 2950 (3)

Nursing Concepts and Processes

An introduction to the concepts and processes inherent in the philosophy and conceptual framework of the Hawai'i Pacific University Nursing program, including basic clinical "hands-on" skills. The skills lab component (NUR 2951) must be taken concurrently.

Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2030, BIOL 2031*, BIOL 2032*, BIOL 2033*, CHEM 1000, CHEM 2030, NUR 2000*. (* must have a grade of C- or higher). Corequisite: NUR 2951.*

NUR 2951 (2)

Nursing Concepts and Processes Laboratory

Lab component for NUR 2950.

Prerequisite: BIOL 2030, BIOL 2031*, BIOL 2032*, BIOL 2033*, CHEM 1000, CHEM 2030, NUR 2000*. (* must have a grade of C- or higher); A grade of C- or higher in any R&E A course. Corequisite: NUR 2950.*

NUR 2955 (3)

Nursing Transition: International Student

This course focuses on transitioning the international student to the Nursing Program at HPU. The course concentrates on diagnostic reasoning, critical thinking and synthesis of concepts to enhance the international nursing in caring for patients in varying states of wellness to illness across the life span.

NUR 2960 (1)

Therapeutic Communication

An introduction to the therapeutic communication techniques integral to the relationship between the client and nurse. Included are basic communication theory, the role of self in communication, and group process. A lab component (NUR 2961) must be taken concurrently.

Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2030, BIOL 2031*, BIOL 2032*, BIOL 2033*, CHEM 1000, CHEM 2030, NUR 2000*. (* must have a grade of C- or higher). Corequisite: NUR 2961.*

NUR 2961 (1)

Applied Therapeutic Communication

This course is designed as the applied and experiential component for learning communication skills and is complementary to the theoretical and conceptual material presented in NUR 2960. The student is guided through the application of basic communication principles to specific nursing and health care related situations during a three-hour on-campus lab and in selected hospital settings for those concurrently enrolled in NUR 2951.

Prerequisite: BIOL 2030, BIOL 2031*, BIOL 2032*, BIOL 2033*, CHEM 1000, CHEM 2030, NUR 2000*. (* must have a grade of C- or higher); A grade of C- or higher in any R&E A course. Corequisite: NUR 2960.*

NUR 2965 (4)

Nursing Transition: LPN-to-BSN

This course will focus on filling the gaps in the Licensed Practical/Vocational Nurses' (LPN/LVN) educational background and experience by allowing selected students to acquire concepts deemed essential to the role of the Professional Nurse (BSN). The course will also discuss procedures and expectations specific to the School of Nursing.

Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2030, BIOL 2031*, BIOL 2032*, BIOL 2033*, CHEM 1000, CHEM 2030, NUR 2000*. (* must have a grade of C- or higher). Corequisite: 2966.*

NUR 2966 (1)

Nursing Transition: LPN-BSN Laboratory

This is the clinical co-requisite of NUR 2965. Students function in the BSN student role in a hospital setting by applying the knowledge learned in NUR 2965 to assigned patients and their families, peers and other members of the health care team. The focus of the experience is differentiating and performing in the BSN role, rather than

the LPN/LVN role. The conceptual framework for NUR 2965, as for all nursing courses at HPU, is the Dungan Dynamic Integration Model. This course will also discuss procedures and expectations specific to the Hawaii Pacific University School of Nursing.

Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2030, BIOL 2031, BIOL 2032, BIOL 2033, CHEM 1000, CHEM 2030, and NUR 2000. Corequisite: NUR 2965.

NUR 2970 (2)

Comprehensive Health Assessment

A holistic health assessment that introduces physical assessment skills and refines therapeutic communication skills. Emphasis is on the recognition of acceptable norms for health of children, adolescents, and adults. A lab component (NUR 2971) must be taken concurrently.

Prerequisite: BIOL 2030, 2031*, 2032*, 2033*; CHEM 1000, 2030; NUR 2950*, 2951*, 2960*, 2961*. (* must have a grade of C- or higher; ^ may be taken concurrently); A grade of C- or higher in any R&E A course. Corequisite: NUR 2971.*

NUR 2971 (1)

Comprehensive Health Assessment Laboratory

Lab component for NUR 2970.

Prerequisite: A grade of C- or higher in any R&E A course; BIOL 2030, 2031*, 2032*, 2033*; CHEM 1000, 2030; NUR 2950*, 2951*, 2960*, 2961*. (* must have a grade of C- or higher; ^ may be taken concurrently). Corequisite: NUR 2970.*

NUR 2972 (3)

Non-Degree Health Assessment

This course focuses on transitioning the non-degree seeking international student to the Nursing program at HPU. The course concentrates on health assessment including physical, emotional, and spiritual. The laboratory component incorporates subjective and objective data as it relates to the health and wellness of the individual.

Corequisite: NUR 2973.

NUR 2973 (1)

Non-Degree Health Assessment Laboratory

This course focuses on transitioning the non-degree seeking international student to the Nursing program. The course concentrates on practicing the assessment skills that are taught on another student in the lab setting. It is expected that the student will incorporate the subjective and objective data in their write-ups.

Corequisite: NUR 2972.

NUR 3000 (1)

Continued Success in Nursing

A continuation of NUR 1000 focusing on the development, or expansion, of APA writing style, critical thinking skills, and test-taking skills.

Prerequisite: Any NUR course or concurrent; A grade of C- or higher in any R&E A course.

NUR 3050 (3)

Current Issues in Professional Nursing

A course that develops skills in the analysis of critical issues that affect the health care system and professional

nursing practice in contemporary society. The use of political processes to respond to forces that impact the nursing profession is discussed.

Prerequisite: NUR 3964* and 3965* or concurrent. (* must have a grade of C- or higher).

NUR 3120 (3)

Health Care Informatics

At the undergraduate level, this course is an introduction to the use of computer systems in various health care settings, as pertains to the areas of research, administration, education, and patient care. Students will be introduced to the concept of evidenced-based practice at the beginning level.

Prerequisite: NUR 3962 and 3963. Junior or Senior standing.

NUR 3360 (3)

Nursing Concepts of Professional Nursing

A course that facilitates the transition to baccalaureate level nursing practice by introducing the concepts and processes inherent in professional nursing. Topics addressed includes legal and ethical concerns, utilization of scarce resources, and the political process to effect change. (May substitute for NUR 3050.)

Prerequisite: A grade of C- or higher in any R&E A course.

NUR 3370 (2)

Health Assessment/RN Student

A course that facilitates the transition to baccalaureate level nursing practice by reviewing and updating physical, mental, and spiritual assessment skills. It also updates therapeutic communication, history-taking and documentation skills. A lab component must be taken concurrently.

Prerequisite: A grade of C- or higher in any R&E A course.

Corequisite: NUR 3371.

NUR 3371 (1)

Clinical Laboratory/Health Assessment

Lab component for NUR 3370.

Prerequisite: A grade of C- or higher in any R&E A course.

Corequisite: NUR 3370.

NUR 3900 (3)

Leadership and Management in Nursing

A course that provides practical assistance to the future nurse manager in the development of effective leadership and management skills in order to assure the best possible environment for the provision of high-quality care.

Prerequisite: ECON 2010 or 2015; NUR 3964*[^], 3965*[^], 3970*, 3971*, 3980*, 3981*, 3985*, and 3986*. (* must have a grade of C- or higher; [^] can be taken concurrently).

NUR 3910 (3)

Dynamics of Family Violence

A nursing elective. The course examines widespread problems of family violence with a focus on historical background, prevention programs, and treatment. Emphasis is on health related issues.

Prerequisite: PSY 1000; A grade of C- or higher in any R&E A course.

NUR 3920 (3)

Issues of AIDS

A nursing elective. The course examines the issues of AIDS within public health and social domains. Students explore their personal values and beliefs about AIDS, as well as develop a working body of knowledge about the disease and its effects on the individual and on societies worldwide. An emphasis on prevention and health promotion exists throughout the course.

Prerequisite: A grade of C- or higher in any R&E A course; One biology course, and one social science course.

NUR 3922 (3)

Managing our Mortality

Dying in America is often described as a lonely, isolating, and painful experience. Explore new approaches for changing how we die in this lively seminar. Whether you are a family member of someone dying, are a caregiver, attorney, health care professional, student, or just interested, ...then this course is for you!

Prerequisite: One 3000-level social science or nursing course; A grade of C- or higher in any R&E A course.

NUR 3930 (3)

Complementary Healing Methods

A nursing elective. The course provides a forum for the critical exploration of alternative methods of treatment and healing body, mind, and spirit. Emphasizes the integration of alternative methods with currently accepted healing modalities.

Prerequisite: A grade of C- or higher in any R&E A course.

NUR 3931 (3)

Rehabilitation Nursing

An introduction to the concepts and processes inherent in the practice of rehabilitation nursing, covering the multidisciplinary approach to physical and spiritual care, teaching, counseling, and social support.

Prerequisite: NUR 3962*. (* must have a grade of C- or higher).

NUR 3940 (3)

Ostomy and Skin Care Management

An overview of ostomy and skin care management.

Prerequisite: NUR 3964*. (* must have a grade of C- or higher).

NUR 3941 (3)

Women's Health

A nursing elective. An interdisciplinary forum for the critical exploration of current issues related to the health and health care of men and women. The goal is for participants to become informed consumers and, if appropriate, providers of health care to women and men.

Prerequisite: A grade of C- or higher in any R&E A course.

NUR 3942 (3)

Nursing in Japan

An intensive two-week summer experiential course that

explores the culture of nursing in Japan. Experiences include studying with student nurses in Japan, home stay when available, and tours of various clinical settings. Some understanding of Japanese culture is essential.

Prerequisite: NUR 2950.

NUR 3943 (3)

Transcultural Nursing

This course serves as an introduction to the application of the concepts and process of nursing in a transcultural and global context. Students will apply Transcultural Nursing Theory in order to study and establish transcultural rapport and communication with a selected population.

Prerequisite: NUR 2950, 2951, 2970, and 2971.

NUR 3944 (3)

Transcultural Nursing: People of Hawaii

The study of transcultural nursing as a formal area of practice. Content includes theoretical perspectives, concepts and practices as well as different beliefs and health practices within Hawaii. The goal is to improve health outcomes and the quality of health care to diverse cultures through the development of cultural competency.

Prerequisite: A grade of C- or higher in any R&E A course.

NUR 3945 (1)

Theoretical Foundations of Transcultural Nursing

A study of transcultural nursing theory and culture care models that have been developed internationally. The purpose of this course is to learn how transcultural nursing theory can be used with a variety of models to provide culturally competent nursing care to a diverse clientele.

Prerequisite: NUR 2950 and 2951.

NUR 3952 (2)

Gerontologic Nursing

Presents mental, physical, and emotional health as related to normal aging and lifestyle decisions throughout adulthood. It considers the adult in the family context, emphasizing principles of healthy aging. A clinical component (NUR 3953) must be taken concurrently.

Prerequisite: BIOL 3040; CHEM 2030; NUR 2100*, 2200*, 2300*, 2301*, 2930*, 2940*, 2950*, 2951*, 2960*, 2961*, 2970*, and 2971* (* must have a grade of C- or higher; ^ may be taken concurrently). *Corequisite:* NUR 3953.

NUR 3953 (1)

Gerontologic Nursing Laboratory

Clinical component for NUR 3952.

Prerequisite: BIOL 3040; CHEM 2030; NUR 2100*, 2200*, 2300*, 2301*, 2930*, 2940*, 2950*, 2951*, 2960*, 2961*, 2970*, and 2971* (* must have a grade of C- or higher; ^ may be taken concurrently). *Corequisite:* NUR 3952.

NUR 3962 (3)

Adult Health Care I

Introduction to Medical/Surgical Nursing. Focuses on nursing care of adults in an acute illness crisis and at risk for chronic illness. A clinical component (NUR 3963) must be taken concurrently.

Prerequisite: BIOL 3040*; CHEM 2030*; NUR 2100*,

2200*, 2300*, 2301*, 2930*, 2940*, 2950*, 2951*, 2960*, 2961*, 2970*, and 2971*, 3952*, and 3953* (* must have a grade of C- or higher; ^ may be taken concurrently). *Corequisite:* NUR 3963.

NUR 3963 (3)

Adult Health Care I Laboratory

Clinical Component for NUR 3962.

Prerequisite: BIOL 3040*; CHEM 2030*; NUR 2100*, 2200*, 2300*, 2301*, 2930*, 2940*, 2950*, 2951*, 2960*, 2961*, 2970*, and 2971*, 3952*, and 3953* (* must have a grade of C- or higher; ^ may be taken concurrently). *Corequisite:* NUR 3962.

NUR 3964 (4)

Adult Health Care II

Nursing care of adults in their generative and productive years, in acute illness crisis and at risk for chronic illness. A clinical component (NUR 3965) must be taken concurrently.

Prerequisite: NUR 3970*, 3971*, 3980*, 3981*, 3985*, and 3986* (* must have a grade of C- or higher; ^ may be taken concurrently). *Corequisite:* NUR 3965.

NUR 3965 (4)

Adult Health Care II Laboratory

Clinical Component for NUR 3964.

Prerequisite: NUR 3970*, 3971*, 3980*, 3981*, 3985*, and 3986* (* must have a grade of C- or higher; ^ may be taken concurrently). *Corequisite:* NUR 3964.

NUR 3970 (3)

Altered Mental Health Patterns

An examination of the conceptual base, principles, and practice of mental health and psychiatric nursing across the life span in a holistic approach. Nursing modalities include: psychotropic medications, milieu therapy, crisis intervention, and therapeutic communication skills within the acute psychiatric hospital setting. Individual and family coping with acute mental health alterations are explored. A clinical component (NUR 3970) must be taken concurrently.

Prerequisite: NUR 2100*, 2930, 2940*, 3952*, 3953*, 3962*, 3963*, and PSY 3600. (* must have a grade of C- or higher). *Corequisite:* NUR 3971.

NUR 3971 (2)

Altered Mental Health Patterns Laboratory

Clinical component for NUR 3970.

Prerequisite: NUR 2100*, 2930, 2940*, 3952*, 3953*, 3962*, 3963*, and PSY 3600. (* must have a grade of C- or higher). *Corequisite:* NUR 3970.

NUR 3972 (3)

Introduction of Forensic Science

This course is an overview of forensic health sciences. It uses a multidisciplinary approach to examine victims and perpetrators of trauma and/or abuse. The role of the provider is also explored. Forensic photography, injury patterns, and evidence collection and preservations are also included.

Prerequisite: A grade of C- or higher in any R&E A course*; PSY 1000. (* must have a grade of C- or higher).

- NUR 3973 (3)**
Criminalistics and the Investigation of Injury and Death
 Developing empirical knowledge in forensics related to the investigation of injury and death. Specialized topics in Forensic Pathology and clinical practice will be discussed.
Prerequisite: A grade of C- or higher in any R&E A course*; PSY 1000. (* must have a grade of C- or higher).
- NUR 3974 (2)**
Clinical Internship in Forensic Science
 The internship is arranged to expand clinical application of theory content in forensic science. Clinical sites will be arranged with the coroner's office, emergency rooms, crime investigation units, prisons, or other clinical settings to support students' goals.
Prerequisite: A grade of C- or higher in any R&E A course*; NUR 3972*, 3973*, PSY 1000, and 3310*. (* must have a grade of C- or higher).
- NUR 3980 (3)**
Childbearing Family
 A focus on childbearing families. The course addresses physical, psychosocial, cultural/spiritual and developmental needs related to pregnancy, birth, and care of the postpartum woman and newborn. A clinical component (NUR 3981) must be taken concurrently.
Prerequisite: NUR 2100*, 2930, 2940*, 3952*, 3953*, 3962*, and 3963*. (* must have a grade of C- or higher)..
Corequisite: NUR 3981.
- NUR 3981 (1 to 2)**
Childbearing Family Laboratory
 Clinical component for NUR 3980.
Prerequisite: NUR 2100*, 2930, 2940*, 3952*, 3953*, 3962*, and 3963*. (* must have a grade of C- or higher)..
Corequisite: NUR 3980.
- NUR 3985 (3)**
Child and Family Health
 This course addresses normal growth and development, developmental variations, and family structure. This course provides the theoretical basis for NUR 3986, where knowledge and skills are applied. A concepts-based approach to learning enables the student to apply knowledge in a variety of pediatric settings and develop critical thinking skills inherently necessary for the care of children and their families. The ability to apply previously learned concepts to new situations is critical in pediatric nursing.
Prerequisite: NUR 2100*, 2930, 2940*, 3952*, 3953*, 3962*, and 3963*. (* must have a grade of C- or higher)..
Corequisite: NUR 3986.
- NUR 3986 (1)**
Child and Family Health Lab
 Clinical component for NUR 3985.
Prerequisite: NUR 2100*, 2930, 2940*, 3952*, 3953*, 3962*, and 3963*. (* must have a grade of C- or higher)..
Corequisite: NUR 3985.
- NUR 3990 (1 to 3)**
Nonpaid Internship
 See Internship Section.
- NUR 3991 (1 to 3)**
Paid Internship
 See Internship Section.
- NUR 4700 (3)**
Research Proposal Development
 Reflective nursing practice and education pose questions that challenge students to examine human responses, healing, and management of care. Students progress systematically through the scientific inquiry process in order to develop a nursing research proposal.
Prerequisite: MATH 1123, NUR 3964**, 3965**, 3970*, 3971*, 3980*, 3981*, 3985*, 3986*. (* must have a grade of C- or higher; ^ can be taken concurrently)..
- NUR 4950 (3)**
Complex Care
 The course facilitates the student's understanding of the functional, emotional, spiritual, and cultural aspects of meaning associated with the complex healthcare of marginally functional individuals and families. A clinical component (NUR 4951) must be taken concurrently.
Prerequisite: NUR 3964*, 3965*, 3900*, and 4700* (* must have a grade of C- or higher). *Corequisite:* NUR 4951.
- NUR 4951 (3)**
Complex Care - Laboratory
 Clinical component for NUR 4950.
Prerequisite: NUR 3964*, 3965*, 3900*, and 4700* (* must have a grade of C- or higher). *Corequisite:* NUR 4950.
- NUR 4960 (3)**
Developing a Healthy Community
 A focus on the community as client. Students use the nursing process to assess, plan, implement, and evaluate health services given to marginally functional families and other vulnerable aggregates within the community. A clinical component (NUR 4961) must be taken concurrently.
Prerequisite: NUR 3964*, 3965*, 3900*, and 4700*. (* must have a C- or higher). *Corequisite:* NUR 4961.
- NUR 4961 (3)**
Developing a Healthy Community Laboratory
 Clinical component for NUR 4960.
Prerequisite: NUR 3900*, 3964*, 3965*, and 4700* (* must have a grade of C- or higher). *Corequisite:* NUR 4960.
- NUR 4971 (1)**
NCLEX-RN Preparation
 Preparation for taking the NCLEX-RN. The process of the course is to enhance the graduate's ability to pass the NCLEX-RN on the first try. Includes test-taking and study skills as well as content information related to the NCLEX-RN. Will include an orientation to the procedures for registering for and taking the NCLEX-RN.
Prerequisite: NUR 4950*, 4951*, 4960*, and 4961*. (* must have a grade of C- or higher) (all courses may be

taken concurrently).

NUR 4973 (2)

Nursing Preceptorship

This elective, clinical course provides focused study utilizing critical thinking and the nursing process in a selected clinical setting. This course is designed as a preceptorship: the opportunity to work one-on-one with an RN preceptor as a transition to professional nursing practice. It is an opportunity for the student nurse to learn roles and responsibilities of the registered nurse in a general or specialty setting. Learning will occur as the student practices alongside the expert nurse with a clinical faculty as a facilitator.

Prerequisite: NUR 3964, 3965, 3980, 3981, 3985, and 3986.

NUR 6000 (3)

Advanced Practice Roles in a Diverse Society

The definitions of advanced practice nursing (APN) roles in community environments. Theoretical content includes ethics, multicultural population-focused care, community coordination strategies and interdisciplinary collaboration, critical thinking, problem solving, creativity, and leadership. Roles of the nurse as case manager, administrator, educator, researcher, consultant, and practitioner are explored. Communication issues including assertive behavior, conflict resolution, and the dynamics of change are examined.

Prerequisite: Graduate standing in nursing.

NUR 6005 (2)

Epidemiology

Community health issues, research and conceptual theoretical foundations are utilized in the study of the distribution and determinants of health and disease in the community. Analysis of factors that alter the course of disease and health problems is addressed.

Prerequisite: Graduate standing in nursing.

NUR 6010 (3)

Advanced Pathophysiology

The student will explore selected complex topics in pathophysiology involved in processes affecting the body's optimal functioning. Students will enhance their abilities to implement diagnostic reasoning, critical thinking, and the integration of scientific knowledge with the psychosocial and spiritual aspects of the human condition across the lifespan. Students will incorporate current health care practice into their learning using an Evidenced-Based research approach, including use of online access to the most current information.

Prerequisite: Graduate standing in nursing.

NUR 6015 (3)

Community/Public Health Policy and Program Planning

This course analyzes the relationships between health policy, the organization of U.S. health care systems, and the health status of culturally diverse communities. Health care policy issues and trends, population-based community needs assessment and analysis, program planning, and grant writing are examined. Emphasis is placed on the role of the advanced practice nurse in influencing

policy decisions.

Prerequisite: Graduate standing in nursing.

NUR 6020 (3)

Advanced Nursing Research

As part of the core curriculum, this course explores a broad range of quantitative and qualitative methods of inquiry. These methods of inquiry are used to encourage the student to investigate nursing phenomena and incorporate research into advanced clinical nursing practice.

Prerequisite: Graduate standing in nursing.

NUR 6025 (3)

Applied Drug Therapies for the APRN

This course is designed to prepare advanced practice nurses for prescribing drugs within the scope of their practice. Basic and advanced pharmacological principles and pharmacological actions of major drug classes will be discussed and explored in relation to physiologic systems. A focus on application of these agents to the individuals, families, and communities will be developed by the learner.

Prerequisite: Graduate standing in nursing.

NUR 6030 (1 to 3)

Advanced Physical Assessment

This course will give the graduate student an opportunity to practice and advance their physical assessment skills by performing complete health assessments. Skills are taught and practiced on a class partner via the body systems approach with weekly integration of previous skills. Students will take complete histories and provide comprehensive documentation of the history and physical assessment obtained on lab partners, or persons brought in from the outside. Specialized skills and techniques will be incorporated into the learning specific to pediatrics, geriatrics, and women's health as time allows.

Prerequisite: Graduate standing in nursing.

NUR 6105 (3)

Health Care Informatics

At the Graduate level, the course is taught from an evidence-based model of clinical practice and research, in addition to being an introduction to the issues and computer use in patient records and clinical practice.

Prerequisite: Graduate standing in nursing.

NUR 6110 (3)

Teaching Nursing in Cyberspace

This course provides participants with experience in applying instructional design principles and concepts and evaluation strategies in the cyberspace environment. Students will experience then online classroom first hand and interact with peers and facilitators while developing a course for online instruction. There will be ongoing discussions regarding how online teaching differs from the classroom setting. Participants will critique peer course development and facilitate selected lessons.

Prerequisite: NUR 6956.

NUR 6950 (3)

Human Resource Management

An analysis of the roles of agencies, personnel, payers, and regulators in the delivery of health care. Human resource issues of recruitment, performance appraisal, compensa-

tion, benefits, management budgeting, contract negotiations, staff development and the supervision of unlicensed personnel are addressed as issues for the APN.

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. *Graduate standing in nursing. Corequisite:* NUR 6951.

NUR 6951 (4)

Agency Management Practicum

Theories of management and health care systems in a community practice setting are applied to the role of the APN.

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. *Graduate standing in nursing. Corequisite:* NUR 6950.

NUR 6952 (3)

Analysis of Communities and Vulnerable Populations

An examination of community structure and dynamics, including citizen participation, power, decision-making structures, and communication patterns that govern a community's functioning. The community dimensions of location, population, and social systems are used to develop strategies for improving the health of the various aggregates and the community as a whole. The student is expected to understand the cultural, behavioral, and organizational factors affecting the access, use, and organization of health services.

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. *Graduate standing in nursing. Corequisite:* NUR 6953.

NUR 6953 (4)

Community Analysis Practicum

A course that studies and identifies a specific problem or content area within the scope of nursing practice or management in a selected community health care setting. Course activities include the in-depth assessment of the health needs, development, implementation, and the evaluation of strategies to address these needs. (6 credits)

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. *Graduate standing in nursing. Corequisite:* NUR 6952.

NUR 6954 (3)

Defined Option Seminar

An area of special interest, such as home health, long term care, substance abuse, children with special needs, mental health, etc., is selected as the focus of this in-depth investigation and discussion.

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. *Graduate standing in nursing. Corequisite:* NUR 6955.

NUR 6955 (4)

Defined Option Practicum

The area of special clinical interest defined in NUR 6954 is the setting for this contracted and preceptored clinical experience.

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. *Graduate standing in nursing. Corequisite:* NUR 6954.

NUR 6956 (3)

The Nurse Educator Role: Curriculum & Educational Program Development

The student will critically examine current topics in health care education, the theoretical underpinnings of curriculum and educational program development, and selected areas of interest. A variety of teaching strategies will be modeled and discussed. Students will learn the practical application of curriculum design and community program development by participating in a variety of learning activities, culminating in the design and implementation of their own original education program.

Prerequisite: NUR 6030.

NUR 6957 (3)

Nurse Educator Practicum I

The course is a clinical practicum for the application of educational theory and skills learned in NUR 6956. Based on written learning contracts, students will analyze and practice the APRN educator role with the guidance of a preceptor. A variety of populations and settings may be the focus and site of this practicum. Students are encouraged to select experiences and develop learning contracts that are congruent with their career goals.

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030*. (^ may be taken concurrently).

NUR 6958 (3)

Nurse Educator Role II: Complex Educational Needs

This course will build on the educational and curriculum development principles learned in NUR 6956 and focus on complex educational needs presented by individuals, families, healthcare staff and communities. Each student will complete and present a course project that demonstrates proficiency in identification, intervention, and evaluation of complex learning needs for a selected population.

Prerequisite: NUR 6030, 6956, and 6957.

NUR 6959 (3)

Advanced Nurse Educator Practicum

This is a preceptored, clinical practicum for the application of skills and theory presented in NUR 6958. Integration of the APRN role functions and skill sets required to address complex educational situations in the focus of the course. The development, implementation, and evaluation of an educational program addressing complex learning needs is required.

Prerequisite: NUR 6956, 6957, and 6958*. (^ may be taken concurrently). *Corequisite:* NUR 6958.

NUR 6960 (3)

Advanced Theory: Primary Care of Children

Disease prevention, health promotion, and illnesses in children and adolescents are comprehensively analyzed for the individual and within the context of their family and community.

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. *Graduate standing in nursing. Corequisite:* NUR 6961.

NUR 6961 (5)

Practicum I

Applied advanced practice nursing knowledge, reason-

ing, and intervention skills for the prevention of disease, health promotion, and illness appropriate to children, their families, and community are developed within this laboratory and clinical experience.

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. *Graduate standing in nursing. Corequisite:* NUR 6960.

NUR 6962 (3)

Advanced Theory: Primary Care of Women

Disease prevention, health promotion, and illnesses in women are comprehensively analyzed for the individual and within the context of their family and community.

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. *Graduate standing in nursing. Corequisite:* NUR 6963.

NUR 6963 (5)

Practicum II

Advanced practice nursing knowledge, reasoning and appropriate intervention skills for the prevention of disease, health promotion, and illnesses appropriate to women, their families and community are developed within this laboratory and clinical experience.

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. *Graduate standing in nursing. Corequisite:* NUR 6962.

NUR 6964 (3)

Advanced Theory: Primary Care of Adults

Health promotion, disease prevention, and illnesses of the adult are comprehensively analyzed for the individual and in the context of their families and community.

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. *Graduate standing in nursing. Corequisite:* NUR 6965.

NUR 6965 (5)

Practicum III

Advanced practice nursing knowledge, reasoning, and intervention skills for the prevention of disease, health promotion, and illness appropriate to the adult, their families, and community are developed within this laboratory and clinical experience.

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. *Graduate standing in nursing. Corequisite:* NUR 6964.

NUR 6966 (2)

Advanced Theory: Primary Care of the Geriatric Adult

Health promotion, disease prevention, and illness of geriatric adults are comprehensively analyzed for the individual and within the context of their family and community.

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. *Graduate standing in nursing.*

NUR 6967 (1)

Practicum IV: Primary Care of the Geriatric Adult

Advanced practice knowledge, reasoning, and intervention skills for the prevention of disease, health promotion, and illness appropriate to the older adult, their families, and community are developed within this laboratory and

clinical experience.

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. *Graduate standing in nursing.*

NUR 6990 (1 to 3)

Nonpaid Internship

See Internship Section.

Prerequisite: Graduate standing in nursing.

NUR 6991 (1 to 3)

Paid Internship

See Internship Section.

Prerequisite: Graduate standing in nursing.

NUR 7000 (3)

Professional Paper

Final professional paper in the program that incorporates the design, development, implementation, evaluation, and presentation. The professional paper should be of the highest quality and should reflect the student's best efforts in applying skills and knowledge gained in the graduate program. The paper may be a thesis or report of a project and must be approved by the faculty advisor.

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. *Graduate standing in nursing.*

NUR 7001 (1.5)

Alternative Advanced Practice Option

This is a two (2) semester service learning project option to NUR 7000 - The Professional Paper. The 1st semester requires 250 clinical hours and 20 hours for NUR 7002 paper discussing, assessing and evaluating their community project in relation to the patient, family and wider community. Findings will be presented to community level organization, faculty and peers at the end of the two semesters.

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. *Graduate standing in nursing.*

NUR 7002 (1.5)

Alternative Advanced Practice Option

This is a two(2) semester service learning project option to NUR 7000 - The Professional Paper. The 2nd semester requires 200 clinical hours and 30 hours to complete the service learning project documentation. 20 page paper and presentation to the community level organization, faculty and peers is required.

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. *Graduate standing in nursing.*

OC – Organizational Change**OC 6005 (3)****Scope and Methods of Research**

A course designed for entering graduate students. The course: acquaints students with the theories of current and historical importance; introduces or reinforces the tenets of the scientific method; introduces the faculty, and previews key concept areas being taught in the program; discusses research designs and methods appropriate in graduate programs; and introduces students to research materials, knowledge technology, communications skills, and both quantitative and qualitative methods to be used throughout the program of studies.

Prerequisite: Graduate standing.

OC 6440 (3)**Organizational Change and Development**

OC 6440 is the foundation for all MA/OC and Professional Certificate in OCD courses. Students first learn the basic nature of human culture and organizational change. Then the practice of OCD is studied within larger holistic and comparative contexts for global and local change. Discussions and assignments are designed to assist the student in differentiating between change and adaptation. Change and development initiatives in governments, communities, and corporations are discussed.

Prerequisite: Graduate standing.

OC 6441 (3)**Culture and Intervention Strategies**

National and community-level change and development is being experienced in almost every area of our contemporary world. Resolving ethnic and religious conflicts, developing market economies for global competition, resource acquisition, technology transfer, education, and creating new approaches to governance are some of the related issues. This course presents a holistic perspective on the issues of change and development at the macro levels of government and community organization. Models for change and development are reviewed as well as their applications in various human and environmental contexts. Specifically, change and development initiatives in economic development, public health improvement projects, stakeholder reconciliation, urban and environmental planning and educational programs are reviewed and analyzed.

OC 6442 (3)**Culture and Intervention Strategies**

OC 6442 includes discussions and assignments intended to develop a working understanding of the influence of culture in various human organizations. Culture is presented as the fundamental knowledge we use to create adaptive solutions for human problems. National, corporate, community, and group organizations are fundamental expressions of culturally influenced world views and values. Frameworks for observing, analyzing, measuring, and changing culture are presented. Approaches for reconciling conflicts among stakeholders with seemingly different culture values and models for behavior are used in simulations and case discussions.

Prerequisite: Graduate standing.

OC 6443 (3)**Change Leadership Models and Methods**

OC 6443 presents a globally relevant perspective for understanding the dynamics of change leadership. Issues such as power, stakeholders, and conflict are discussed via case studies. Students learn how their own world views, values, and personal behaviors can influence their effectiveness as leaders in different social and organizational contexts. Self-reflection is balanced with group and organizational understanding to analyze the appropriateness and utility of various models and methods for leading change.

Prerequisite: Graduate standing.

OC 6444 (3)**Innovations and Creativity**

Innovation and creativity are critical aspects of organizational change and development in contemporary societies. This course explores the significance of innovation and creativity to the human experience. Relationships among creativity, change, and innovation are discussed within a multidisciplinary perspective. Practical methods for creating innovation in organization and group processes are illustrated via cases and simulations.

Prerequisite: Graduate standing.

OC 6445 (3)**Organizational Behavior**

This course provides HPU graduate students with a broad overview of the OB field. Theoretical and methodological understandings of OB are discussed and analyzed via a combination of practically based cases and research studies. Fundamental aspects of human behavior, such as motivation, communication, decision making, problem solving, power, leadership, conflict resolution, and technology transfer are discussed in a globally appropriate perspective. Both non-Western and Western approaches to OB are compared and discussed.

OC 6446 (3)**Consulting and Group Process Facilitation**

Consulting has become a global industry, with a wide range of professional disciplines involved. This course provides a comprehensive overview of the consulting profession, with particular focus on organizational structures and processes for providing consultation services, product development and marketing, and approaches for implementing effective projects and initiatives. Learning will be enhanced by the use of cases, simulations, and experiential assignments.

Prerequisite: Graduate standing.

OC 6447 (3)**Consulting and Group Process Facilitation**

Participants in this integrative seminar will learn approaches for creating change interventions in organizational settings. Group process, facilitation methods, dealing with stakeholders' resistance, aligning power systems, and organizational design will be among the issues to be discussed. Learning will be enhanced by cases, simulations, and experiential assignments.

Prerequisite: Graduate standing.

OC 6448	(3)	PE 1100	(1)
Organizational Change		Men's Baseball	
This course explores the perspective and methods for measuring culture. Included are cases from national, organizational, community, and group contexts. Professional and disciplinary differences in defining and measuring culture will be compared and evaluated. Methods reviewed include traditional psychometric approaches such as surveys and interview, culturally-appropriate approaches such as ethnography, scenarios and dilemmas, simulations, and document analysis. Assessing cultural competency will also be a focus in the course. Students will be expected to develop instruments or processes to apply in professional situations.		PE 1140	(1)
<i>Prerequisite: Graduate standing.</i>		Men's Basketball	
OC 6449	(3)	PE 1150	(1)
This course explores the applications of cultural competence in various professional contexts. Cases from organizational change, ethnic conflict, diversity, international business, education and training, international and community development, and leadership will be discussed. Students will be expected to develop a project to apply in professional situations.		Cross Country	
<i>Prerequisite: Graduate standing.</i>		PE 1200	(1)
OC 7100	(3)	Women's Volleyball	
Professional Paper I		PE 1210	(1)
Initial design and development of the major research paper for students in the MA/OC program.		Women's Basketball	
<i>Prerequisite: OC 6005 and IS 6010. Graduate standing.</i>		PE 1250	(1)
OC 7200	(3)	Soccer	
Continuing design and development of the major research paper for students in the MA/OC program.		PE 1700	(3)
<i>Prerequisite: OC 7100. Graduate standing.</i>		First Aid for Sports	
OC 7300	(3)	Introduction to basic first aid and safety with an emphasis on recognizing common sport-related injuries and administering appropriate first aid. The roles and responsibilities of coaches and athletes in preventing accidents and injuries and administering first aid are addressed. Topics also include anatomy, sports medicine terminology, and injury evaluation.	
Professional Consulting Practicum		PE 2110	(1)
This course involves a research-based consultation experience in a client organization. Students engage in a supervised learning process including entry and contracting, data collection and management, goal setting, planning and facilitation for implementation, to an evaluation and termination of the initiative. Students work under the guidance of a field supervisor and course professor. OC 7300 may be substituted for OC 7200 by students jointly completing the MA/OC and Professional Certificate in Consulting.		Sports and Fitness - Aerobic Exercises	
<i>Prerequisite: OC 7100. Graduate standing.</i>		PE 2111	(1)
PE – Physical Education		Sports and Fitness - Cardio Kickboxing	
PE 1070	(1)	Repeatable for a total of 2 credits.	
Physical Conditioning		PE 2112	(1)
PE 1080	(1)	Beginning Yoga	
Softball		Introduces popular styles of yoga and common positions.	
PE 1090	(1)	PE 2130	(1)
Tennis		Sports and Fitness - Beginning Tennis	
		Repeatable for a total of 2 credits.	
		PE 2140	(1)
		Sports/Fitness - Golf	
		PE 2150	(1)
		Sports and Fitness - Recreational Sports	
		PE 2160	(1)
		Sports and Fitness - Strength Development	
		PE 2161	(1)
		Sports and Fitness - Weight Training	
		Repeatable for a total of 2 credits.	
		PE 2170	(1)
		Sports and Fitness for Wellness	
		PE 2180	(1)
		Sports/Fitness: Volleyball	

PE 2500 (3)**Methods of Coaching**

A course that provides insight and examines the many facets in coaching along with suggested guidelines that a beginning coach will find useful.

PE 2600 (3)**Contemp Issues in Coaching**

This course examines many of the challenges and issues that affect coaches in today's sports environments. Students will investigate coaching as a profession, as well as some of the motivational, managerial, and media-related skills required being a successful coach.

PHIL – Philosophy**PHIL 1000 (3)****Introduction to World Philosophies**

A general introduction to world philosophies in which philosophical problems such as the existence of God and the problem of evil, utilitarianism and justice, our knowledge of the external world, the relationship of mind and matter, free will and determinism, and topics in applied ethics will be considered.

PHIL 2090 (3)**Principles of Logic**

The study of the elements of logic. The course promotes critical thinking and sound decision-making by clarifying the nature and importance of logical consequences, and by providing intensive practice in recognizing examples of logical consequences. The development of logic as a discipline, and its affinities with quantitative reasoning are stressed.

Prerequisite: Any Com Skills A course.

PHIL 2500 (3)**Introduction to Ethics**

In this course you will be introduced to several ethical theories (virtue ethics, utilitarianism, and deontology), you will critically engage several topics in applied ethics (ranging from terrorism, just war, and environmental ethics, to abortion and euthanasia), and you will give consideration to the nature of moral language.

Prerequisite: Any Com Skills A course.

PHIL 3200 (3)**History of Western Philosophy**

An examination of the development of philosophical thought in the Western world from ancient Greece and Rome, through Medieval and Renaissance Europe. The modern period of Renaissance Europe, the Rationalists, Empiricists, Kant, Hegel, and other nineteenth century thinkers are also examined.

Prerequisite: A grade of C- or higher in any R&E A course.

PHIL 3260 (3)**Exploring Film**

An exploration of film: its power, potential, and limits as a medium of philosophic thought, as a means to moral and social insight, and as a tool in international understanding.

Prerequisite: A grade of C- or higher in any R&E A

course.

PHIL 3300 (3)**History of Asian Philosophies**

The study of major developments of philosophical thought in India, China, and Japan including Hinduism, Confucianism, Taoism, and Zen. Where possible, emphasis is on reading original texts in English translation.

Prerequisite: A grade of C- or higher in any R&E A course.

PHIL 3501 (3)**Philosophy of Art and Aesthetics**

The study of the traditional and contemporary issues in the philosophy of art: definition of art, truth in art, art and emotion and interpretation, and evaluation of works of art in literature, music, painting, and film.

Prerequisite: A grade of C- or higher in any R&E A course.

PHIL 3651 (3)**Environmental Ethics**

An examination of ethical issues in the resolution of conflicts between individual and societal needs and wants and environmental well-being.

Prerequisite: Senior standing.

PHIL 3721 (3)**Philosophy in Contemporary Literature**

A consideration of literature as a means of expressing philosophical ideas: questions, answers, and speculations about the nature of reality and meaning of life. Short and long fiction are featured, but other literary genres are covered as well.

Prerequisite: A grade of C- or higher in any R&E A course. Sophomore standing.

PHIL 3731 (3)**Philosophy of Social Sciences**

An examination of the key working assumptions held by social scientists about: one, the kinds of factors that influence human behavior; two, the extent to which human behavior can be studied scientifically; and three, the alternative approaches to attaining a scientific knowledge of human behavior patterns.

Prerequisite: Any social science course.

PHIL 3741 (3)**Philosophy of Law**

An introduction to legal studies examining three questions: how laws differ from other social norms; what important needs of the individual and society get satisfied through the development of a legal system; and how the most influential legal systems have differed with respect to suppositions about the rights of society and the individual and the means of protecting such rights.

Prerequisite: A grade of C- or higher in any R&E A course. Junior standing.

PHIL 4500 (3)**Global Justice**

This course will focus on concepts, dilemmas, and ideals which give rise to perplexities regarding social justice. Topics include: conflicts between nationalism

and cosmopolitanism, human rights and the dangers of interventionism, global poverty and considerations of distributive justice, women and global justice, and international environmental justice.

Prerequisite: A grade of C- or higher in any R&E A course. Junior standing.

PHIL 4501 (3)
Rethinking Social Values

A consideration of important shifts in attitude about the role, the rights, the obligations, and the goals of both the individual and the community (national as well as global) in the first quarter of the 21st century. Particular attention is given to issues such as abortion, euthanasia, the death penalty, global justice, animal rights, and the environment.

Prerequisite: A grade of C- or higher in any R&E A course. Junior standing.

PHIL 4721 (3)
Philosophy of Education

A consideration of important shifts in attitude about the role, the rights, the obligations, and the goals of both the individual and the community in the latter quarter of the twentieth century. Particular attention is given to attitudes about family structure, the environment, war, individual liberties, work, aging, and the pursuit of happiness.

Prerequisite: A grade of C- or higher in any R&E A course. Junior standing.

PHIL 6011 (3)
Seminar: World Philosophies

This course is concerned with those philosophers and schools of philosophy significantly influencing the conceptual orientations, values, and ideals foundational to Eastern and Western Cultures respectively.

Prerequisite: Graduate standing.

PHIL 6600 (3)
Seminar: Professional Ethics and the Military

This course is concerned with the ethics of warfare and professional conduct. Attention will be paid to ethical theory, the tradition of military virtues, and the moral imperatives that distinguish the profession of arms. Topics may include legal and illegal orders, just war, and the treatment of noncombatants.

Prerequisite: Graduate standing.

PHIL 6611 (3)
Seminar: Political Philosophy

A seminar that focuses, from Plato to Rawls, on major political philosophers throughout history while emphasizing more recent schools of political thought: liberalism, anarchism, libertarianism, and socialism. Attention will be paid to key concepts of justice, rights, and state of nature theories.

Prerequisite: Graduate standing.

PHYS – Physics

PHYS 1000 (3)
Physical Science

An introductory survey of the major areas of the physical sciences designed to equip students with information that

will enable them to make rational, informed decisions about relevant scientific issues. Includes topics in chemistry, physics, geology, and astronomy.

Prerequisite: MATH 1105 or higher.

PHYS 1020 (3)
Astronomy

A study of the planets, stars, galaxies and their origins. Students will also learn how telescopes, stellar spectra and other methods of astronomical observation are used in research. Topics include the planets and their moons, the sun, galaxies, black holes, pulsars, and the life history of a star. No laboratory.

PHYS 1030 (3)
Introductory Physics

A qualitative and quantitative exploration of the major ideas of physics with a discussion of appropriate technological applications for students who need to be scientifically literate in physics but who are not planning careers in science or technology.

Prerequisite: MATH 1130 or higher.

PHYS 2030 (3)
College Physics I

The first semester of an algebra-based study of mechanics, thermodynamics, and wave phenomena with an emphasis on problem solving.

Prerequisite: MATH 1140, 1150 or higher. *Corequisite:* PHYS 2031.

PHYS 2031 (1)
College Physics I Laboratory

Laboratory component of PHYS 2030.

Corequisite: PHYS 2030.

PHYS 2032 (3)
College Physics II

A continuation of PHYS 2030. Includes electricity and magnetism, optics, and topics in modern physics.

Prerequisite: PHYS 2030*. (* must have a grade of C or higher).

PHYS 2033 (1)
College Physics II Laboratory

Laboratory component of PHYS 2032.

Prerequisite: A grade of C or better in PHYS 2031; PHYS 2032 or concurrent.

PHYS 2050 (4)
General Physics I

The first semester of a rigorous, calculus-based study of mechanics, thermodynamics, and wave phenomena with an emphasis on problem solving.

Prerequisite: MATH 2214 or higher except MATH 2326/3301. *Corequisite:* PHYS 2051.

PHYS 2051 (1)
General Physics I Laboratory

Laboratory component of PHYS 2050.

Prerequisite: PHYS 2050 or concurrent. *Corequisite:* PHYS 2050.

PHYS 2052 (4)**General Physics II**

This course is a continuation of PHYS 2050 covering electricity and magnetism, optics, and topics in modern physics.

Prerequisite: A grade of C or better in PHYS 2050 and MATH 2215.

PHYS 2053 (1)**General Physics II Laboratory**

Laboratory component of PHYS 2052.

Prerequisite: A grade of C or better in PHYS 2051; PHYS 2052 or concurrent.

PHYS 2054 (3)**General Physics III ; Modern Physics**

This course is a rigorous, calculus-based study of modern physics. Topics include relativity, wave nature of particles, quantum mechanics, atomic structure, molecules and condensed matter, nuclear physics, particle physics, and cosmology.

Prerequisite: MATH 2251 and PHYS 2052.

PHYS 4950 (1 to 3)**Physics Practicum****PMED – Pre-Medical Studies****PMED 3900 (2)****Premedical Studies Seminar**

Seminar for students in health-related fields.

Prerequisite: CHEM 2052.

PMED 3950 (1)**Pre-Medical Studies Practicum**

Students apply and integrate classroom theory in a research situation under close faculty supervision.

PMED 3990 (1 to 3)**Non-Paid Internship****PMED 3991 (1 to 3)****Paid Internship****PSCI – Political Science****PSCI 1400**

(3)

American Political System

An analysis of the American political system. Topics include the central theme of democracy in American politics as well as structural factors including the Constitution, our federal system, media, public opinion, interest groups, and social movements. Additional topics deal with how federal institutions such as the Congress, the Presidency, the Bureaucracy, and the Supreme Court work. The course looks at federal policy in civil rights and liberties, the economy, social welfare, foreign policy, and national defense.

PSCI 2000 (3)**Introduction to Politics**

This course is designed to help the student better under-

stand the political world. It surveys the central analytical concepts of political science that help explain the realities of the political world in the early 21st century. The level of analysis ranges from the individual's political beliefs and actions to the political orientations of groups and states, as well as the dynamics of the international political system.

PSCI 2500 (3)**World Politics**

A course that provides a survey of the trends and major issues confronting the world today in the early 21st century. It examines trends such as the rise of nationalism, the revival of religion as a political factor, and economic changes like regionalism within the emerging global economy. Contemporary issues of conflict and cooperation such as terrorism, pollution, human rights, global cultural integration and trade are examined.

Prerequisite: Any Com Skills A course.

PSCI 3000 (3)**History of Political Thought**

A survey of contemporary political thought to include philosophic and popularized treatments of communism, anarchism, and democratic theory (e.g., conservatism and liberalism). The relationship between political theory and both political institutions and political behavior is emphasized.

Prerequisite: A grade of C- or higher in any R&E A course; PSCI 2000.

PSCI 3010 (3)**Political Socialization**

An analysis of the institutions that socialize the individual into the political system. The course focuses on political culture, political participation, attitudes and their behavioral roots, and ramifications for the political system.

Prerequisite: PSCI 1400 or 2000; A grade of C- or higher in any R&E A course.

PSCI 3100 (3)**International Relations**

An examination of the international political system, focusing on: fundamental concepts (power, nationalism, and sovereignty); causes and effects of the behavior of states; and the character of the international society, especially as it involves conflicts and their settlements. Throughout the course, many case studies are employed and current-events issues are analyzed.

Prerequisite: A grade of C- or higher in any R&E A course; PSCI 2000.

PSCI 3151 (3)**International Law**

Refer to LAW 3200.

Prerequisite: A grade of C- or higher in any R&E A course; PSCI 2000.

PSCI 3200 (3)**Public Administration**

A general introduction to the administration of and in the public bureaucracy. Topics include: theories of administrative organization; principles and methods of administrative management; executive leadership; interpersonal

and intergroup relationships; levels of decision-making; public personnel management; public finance; ethics and responsibilities.

Prerequisite: A grade of C- or higher in any R&E A course; PSCI 1400, PSCI 2000, or MGMT 3100.

PSCI 3250 (3)

Public Policymaking

Politics begins with ideas, complaints, and demands. How does an idea become a law? What is the process? What are the strategies for trying to forward one's concerns? These matters are the focus of this course.

Prerequisite: PSCI 1400 or 2000; A grade of C- or higher in any R&E A course.

PSCI 3260 (3)

The Politics of Terrorism

This course will examine the phenomenon of terrorism from various perspectives: historical, philosophical, theoretical, cultural and psychological. Each student will write an extensive research paper of a terrorist organization.

Prerequisite: PSCI 1400 or 2000.

PSCI 3301 (3)

Major Asian Political Systems

An examination of the political culture, government, and politics of major Asian countries.

Prerequisite: A grade of C- or higher in any R&E A course; PSCI 2000.

PSCI 3310 (3)

East Asian International Relations

An analysis of the changing patterns in East Asian international relations and the factors that determine national behaviors of East Asian countries.

Prerequisite: PSCI 2000; A grade of C- or higher in any R&E A course.

PSCI 3401 (3)

Issues in American Politics

A course that provides students with immediate understanding and analysis of current political issues, trends, dilemmas, processes, and problems. Students read a variety of approaches to the issues that are the focus of the course, and they become conversant with terminology and philosophies that inform the solutions to topics in American politics.

Prerequisite: PSCI 1400 or 2000; A grade of C- or higher in any R&E A course.

PSCI 3411 (3)

The United States Presidency

A course that focuses on the institution of the presidency in both historical and contemporary political context. Students become familiar with political behavior as well as presidential decision-making. The role of the President is examined from several perspectives that include: Commander-in-Chief, Head of State, Chief of State, Chief Legislator, Voice of the People, Manager of Prosperity. In addition, the presidency is studied in relationship to the Congress. Students also consider what the dynamics are among the White House, the Capitol, and the executive bureaucracy.

Prerequisite: A grade of C- or higher in any R&E A

course; PSCI 1400 or 2000.

PSCI 3412 (3)

American Foreign Policy

A survey of the variety of forces that shape foreign policy for the United States. It highlights major policy problems on the agenda and addresses questions of grand strategy, regional and bilateral relations, and the ways in which domestic forces affect the content of American foreign policy. The course also examines the key institutions and actors involved in foreign policy making, a wide range of recent foreign policy decisions, and the economic and military issues confronting the United States in the early 21st century.

Prerequisite: PSCI 1400 or 2000; A grade of C- or higher in any R&E A course.

PSCI 3413 (3)

Constitutional Law

This course is a survey of American constitutional law, as it has evolved over two hundred years of our nation's history, with an emphasis on that law's profound impact on American politics. As such it focuses primarily on the United States Supreme Court, which is the ultimate interpreter of the Constitution. This course also explores the relationship between the judicial branch of government and the other two branches.

Prerequisite: A grade of C- or higher in any R&E A course; PSCI 1400 or 2000.

PSCI 3415 (3)

State and Local Government

A survey of state and local government and politics. The course includes units on: constitutions and charters; executives, legislatures, and judiciaries; parties and pressure groups; elections; styles of local and state politics; urban problems and the response of state and local government thereto; and the dynamics of federalism.

Prerequisite: A grade of C- or higher in any R&E A course; PSCI 2000.

PSCI 3416 (3)

Elections in Hawaii

The study of the electoral process in general, particularly at the state and local levels; and analysis of past and current political races in Hawai'i. Candidates are invited to be guest speakers. This course is given only in election years.

Prerequisite: A grade of C- or higher in any R&E A course; PSCI 1400 or 2000.

PSCI 3430 (3)

America: Images From Abroad

A course that looks at and evaluates other cultures' views of America from various perspectives. The angles of vision include: American government, popular culture, economic system, social problems, and social movements. Students read critiques and comments from other perspectives including Asian, Latin American, and European on American culture and politics.

Prerequisite: A grade of C- or higher in any R&E A course; PSCI 1400 or 2000.

PSCI 3610 (3)**Politics in Literature**

A consideration of various Asian, European, and American writers whose works have attempted to create political consciousness in the reader. A key theme of the course is the power of literature to move individuals, groups, and societies. The political novel is featured, but other literary genres are covered as well.

Prerequisite: A grade of C- or higher in any R&E A course; PSCI 1400 or 2000.

PSCI 3620 (3)**Politics in Film**

An interpretive examination of various Asian, European, and American films, with a view to understanding how the director, as a political actor, sends his message. The course intends to demonstrate the power of film as a political medium, and to consider various major political themes expressed via film.

Prerequisite: PSCI 1400 or 2000; A grade of C- or higher in any R&E A course.

PSCI 3630 (3)**National and International Security**

The objectives of this course are to give students grounding in the field of security studies, including external strategies and internal evolution of government institutions. It will first cover the historical development of American national security policy during the Cold War and beyond. Finally, contemporary issues like terrorism, proliferation and homeland security will be examined.

Prerequisite: A grade of C- or higher in any R&E A course; PSCI 1400, 2000, or 2500.

PSCI 3650 (3)**Intelligence Studies**

This course gives students grounding in the academic field of intelligence studies, including both the intelligence community and the uses of intelligence. It will first cover the historical development of the modern intelligence community. Then it will review major issues and types of intelligence with historical case studies. Finally, contemporary debates in intelligence reform and the Global War on Terrorism (GWOT) will be examined in detail.

Prerequisite: PSCI 1400, 2000, or 2500; A grade of C- or higher in any R&E A course.

PSCI 3700 (3)**International Political Economy**

An examination of the political determinants of international economic relations. Different schools of thought like realism, Marxism, and liberalism are analyzed and compared. The course also takes an in-depth look at the two major competing models of capitalism (free market and neo-mercantilism) as represented by the United States and Japan, respectively.

Prerequisite: A grade of C- or higher in any R&E A course; ECON 2010 or 2015; PSCI 1400 or 2000.

PSCI 3902 (3)**Women and Politics**

This course examines women in various countries around the world in respect to their access to power and decision-making. The course is predicated upon the history of

women in the U.S. political system. Comparisons are made between and among women in various religious and political cultures.

Prerequisite: Any lower-division PSCI course.

PSCI 3950 (1 to 15)**Political Science Practicum**

Repeatable for a total of 9 credits.

PSCI 3990 (1 to 3)**Nonpaid Internship**

See Internship Section.

PSCI 3991 (1 to 3)**Paid Internship**

See Internship Section.

PSCI 4001 (3)**International Institutions**

An examination of international institutions that both challenge and compliment the current nation-state. Both International Governmental Organizations (IGO's) like the United Nations, and Nongovernmental Organizations (NGO's) like Amnesty International are studied. These organizations were created in order to try and solve problems that have eluded national solutions.

Prerequisite: ECON 2010 or 2015; PSCI 1400 or 2000; A grade of C- or higher in any R&E A course.

PSCI 4051 (3)**Comparative Politics**

The course explores how different political systems are formed, maintained, and changed. It examines politics in democratic, authoritarian, and totalitarian nations, and highlights issues such as political culture, the role of women in politics, the rule of law in transitions to democracy, and the conflicting aims of public policy. The course might focus on broad comparative political analysis or on the comparative politics of a particular region, such as Europe or Latin America.

Prerequisite: PSCI 2000; A grade of C- or higher in any R&E A course.

PSCI 4061 (3)**Political Development**

An analysis of the political development of emerging and recently emerged nations of the world within the context of international politics and economics. The idea of political development will be explored comparatively in terms of basic political institutions, attitudes, behaviors, aspirations, ideologies, and economic realities. This course may focus on a particular country to illustrate political development in a more narrow case study.

Prerequisite: A grade of C- or higher in any R&E A course; PSCI 2000.

PSCI 4200 (3)**The Politics of Culture and Race**

This course will focus on the concept of Race as it functions and is experienced in Latin America, North America, South Africa, the Pacific, and East Asia. We will investigate the ways in which race serves to express, negotiate, and challenge power relations in the political, economic, and social spheres.

Prerequisite: A grade of C- or higher in any R&E A course; PSCI 2000.

PSCI 4201 (3)
European Union

A study of the history, theory, and practice of European integration. The course provides the historical context of modern Europe to assess the powers, influence, and methods of functioning of the principal institutions and political actors in the European Union. It also reviews the EU's policy interests and processes, from agriculture to industry, and from social affairs to science and technology. Other topics covered include external relations, monetary union, and future EU expansion.

Prerequisite: PSCI 2000; A grade of C- or higher in any R&E A course.

PSCI 4310 (3)
Contemporary Japan - United States Relations

A course that addresses contemporary social, economic, political, and national security relations between Japan and the United States. The focus of the course is on the growing interdependency of the two nations and the challenges of managing the relations between these two major powers.

Prerequisite: PSCI 1400 or 2000; A grade of C- or higher in any R&E A course.

PSCI 4320 (3)
Comparative Political Economy

An exploration of the comparative political economy of newly industrializing economies (NIEs) in Asia, the Americas, and East-Central Europe. Topics include the effects on governments and people in NIEs of the new global economy, the emergence of regional trading blocs, and a range of economic policy changes and political issues.

Prerequisite: A grade of C- or higher in any R&E A course; ECON 2010 or 2015; PSCI 1400 or 2000.

PSCI 4601 (3)
Peace and Conflict Studies

An in-depth look at the forces shaping conflict and cooperation in the world arena. Peace-related issues are examined from a variety of perspectives and stages: conflict prevention, conflict management and dispute resolution, post-settlement reconstruction and reconciliation, and state-building and governance. The course offers a valuable opportunity to explore the many issues and problems in making a transition from an ill-defined post-Cold War world into a new world era defined by a war against global terrorism.

Prerequisite: PSCI 1400 or 2000.

PSCI 4605 (3)
Islam and Politics

This course introduces students to a variety of political movements that purport to be based on an interpretation of Islam. These interpretations, the movements' ideologies, objectives and strategies will be compared in order to appreciate the range of political movements organized under the banner of "Islam."

Prerequisite: PSCI 1400; PSCI 3000, 3100, or 3151.

PSCI 4900 (3 to 6)
Senior Seminar

A capstone course for International Relations and Political Science majors that includes an in-depth survey of the major methodologies and theories in the fields of American, Comparative, and International Relations. Students will be responsible for leading a discussion seminar and producing a major research paper. Attention will also be given to career and graduate school planning beyond graduation.

Prerequisite: Senior standing.

PSCI 6151 (3)
Seminar: International Organization

A survey of international institutions that are critically important in mediating global politics and economics: development and operations of the United Nations, regional organizations, and functional international organizations. Course readings cover a diverse range of global issues, as well as such contemporary policy areas as peacekeeping, trade, and social, and humanitarian issues.

Prerequisite: Graduate standing.

PSCI 6400 (3)
Chinese Foreign Policy

An overview of the foreign policy of the People's Republic of China (PRC) since 1949, emphasizing the post-Cold War period, and its role as a regional power in Asia. The PRC-US relationship will also be explored, with reference to their shared and conflicting interests in Asia.

Prerequisite: Graduate standing.

PSCI 6451 (3)
Seminar: The Military in Latin American Politics

An examination of the role of the military and the experience of military governments in Latin American politics. It emphasizes both a historical perspective and an analysis of current trends in civil-military relations, guerrilla insurgencies, and U.S.-Latin American relations. Special emphasis is placed on recent transitions from authoritarian rule in the Americas and issues of rule of law, human rights, and governance.

Prerequisite: Graduate standing.

PSCI 6601 (3)
Seminar: Diplomacy and International Relations

A graduate-level seminar that highlights the changing nature of international relations in a new era of Globalization and Terrorism. The course introduces students to the "classical" study of international relations using the opposing paradigms of modern IR theory: realism and liberalism. It looks at specific theoretical issues (the role of institutions, globalization, terrorism, etc.) through the lens of regions and specific countries. Students explore through research and their own presentations/participation a contemporary conflict.

Prerequisite: Graduate standing.

PSCI 6605 (3)
Seminar: Islam and Politics

This course introduces students to a variety of political movements that purport to be based on an interpretation of Islam. These interpretations, as well as the movements' ideologies objectives and strategies will be compared

in order to appreciate the range of political movements organized under the banner of Islam .

Prerequisite: Graduate standing.

PSCI 6610 (3)

Seminar: Politics of Developing Nations

A survey of political, social, and economic change in less developed countries and the relationship among elements of change. The course provides a critical overview of dominant theories of development, highlighting international and internal forces affecting less-developed countries, and North-South relations in the post-Cold War world.

Prerequisite: Graduate standing.

PSCI 6620 (3)

Peacebuilding and Conflict Management

A graduate-level course that examines approaches to preventing and managing international conflict, including preventative diplomacy, negotiation, third-party resolution, track-two diplomacy, and evolving collective security arrangements. It analyzes the institutions, both official and nongovernmental, that engage in peacemaking, and provides detailed case studies of conflict management and dispute resolution.

Prerequisite: Graduate standing.

PSCI 6630 (3)

National and International Security

This course explores how conceptions of national security have changed from the Cold War to the Global War on Terror, and how institutions of American government have adapted to these new conceptions. Theoretical discussion will be linked to such practical concerns as airpower, intelligence reform, homeland security, and reform of the defense establishment.

Prerequisite: Graduate standing.

PSCI 6650 (3)

Seminar: Foreign Intelligence

The course is a graduate level introduction to U.S. intelligence, its practice, effectiveness, and rationale. It explores the relationship between intelligence and U.S. national security, both during and after the Cold War. The course will address such issues as intelligence analysis, organization and oversight, as well as the concerns and perspectives of producers and consumers.

Prerequisite: PSCI 6601. Graduate standing.

PSCI 6660 (3)

Seminar: Resistance and Rebellion

An analysis of various patterns of resistance and rebellion in developing countries. Using a multidisciplinary approach, the course places them within the political, social, economic, and cultural context. Topics may include indigenous resistance against various aspects of colonial rule; resistance and revolution in the twentieth century; sources of rebellion; and efforts to incorporate guerrilla groups into the political system.

Prerequisite: Graduate standing.

PSCI 6661 (3)

Seminar: The Politics of Terrorism

Clausewitz argued that war was "an extension of politics

by violent means." If we substitute terrorism for war we confront one of the major challenges facing the world today. This course explores the historical context, the theoretical origins, and "political" acts of terrorism from their origin until the present.

Prerequisite: Graduate standing.

PSCI 6670 (3)

Seminar: Democratization and Human Rights

A course that introduces students to the development of universal human rights norms in the international system. The seminar examines contemporary debates concerning the universal implementation of human rights, efforts to implement these at the national, regional, and international levels, and the links between human rights and democratization.

Prerequisite: Graduate standing.

PSCI 6671 (3)

Seminar: Transitions to Democracy

An examination of the recent transitions to democracy (successful or still in process) in European, Latin American, and Asian countries. The first part of the course considers a number of theoretical questions, among them the nature and weaknesses of authoritarian regimes as well as the general causes of their disintegration. The second part focuses on the processes of transition in Eastern and Southern Europe, Latin America, and Asia.

Prerequisite: Graduate standing.

PSCI 6680 (3)

Seminar: International Negotiating

The theory and practice of negotiating in the world arena. The emphasis is on negotiations with foreign governments. With the end of the Cold War, multilateral negotiations have acquired primary importance and provide additional complications. Students select a specific current or prospective negotiation, analyze the important elements and how they may appear to the parties, suggest an effective approach, and speculate on the possible results.

Prerequisite: Graduate standing.

PSCI 6990 (1 to 3)

Nonpaid Internship

See Internship Section.

PSCI 6991 (1 to 3)

Paid Internship

See Internship Section.

PSCI 6997 (3)

Special Topics in International Relations

This is a special topics seminar in political science. Course content will vary as set forth in an approved syllabus. Course may be repeatable as contents change (up to 6 credits).

Prerequisite: Graduate standing.

PSGL – Professional Studies - Global Leadership

PSGL 6000 (3)

Sustainable Human Systems

Students will learn to think systematically through the study of the systemic structure and values that underlying the modern world view. Alternative, emerging world views focused on sustainable structures will be emphasized. Systems thinking and a systems perspective will be developed through the study of environmental, cultural, and social systems. A critical perspective is emphasized throughout the course.

Prerequisite: Graduate standing.

PSGL 6001 (3)

Power and Social Systems

This course will focus on the relations between stakeholders' interests, conflict, and power in large organizations and other human social systems. Power models and dynamics in the cultures of nations, communities, corporations, and small groups will be examined. Creative problem solving and reconciliation approaches are presented as means for effective and sustainable social transformation. A written critical analysis of existing power relationships in the social system of the students' choice will be required. Cases, exercises, group discussions are used throughout the course.

PSGL 6330 (3)

Comparative Management Systems

National, regional, ethnic, and other influences are common in how we lead and manage. A conceptual framework within which students can access the problems of a changing global environment is provided. Globalization and the universal desire for economic development has led both corporations and governments to seek successful models for capitalism and creating wealth. The influence of belief and values on how we manage and organize is the focus of discussion and assignments.

Prerequisite: Graduate standing.

PSGL 6350 (3)

Global Markets in Transition

An examination of the forces promoting globalization and the development of business in evolving markets. The course focuses on related contemporary managerial issues. Included is the study of market transformations in cases of regional economic integration. Technology transfer and patterns of business development are also introduced. Additionally, price mechanisms for regulating international exchange and comparative costs studies related to the geometry of location are investigated.

Prerequisite: Graduate standing.

PSGL 6500 (3)

Ecological Economics and Sustainable Development

This course addresses the topic of sustainable development focusing on economics at the interface of nations and the global economy. Students will complete a comprehensive study of the emerging field of ecological economics and contrast/compare it to the neoclassical economic model of development. Students will conduct an in-depth analysis of a developing nation in terms of economic development

based on population, agriculture, industrial development, and natural capital (ecosystem goods and services). Students will be required to propose policy options for sustainable development within a nation and provide a means by which the nation's development will move towards global sustainability.

Prerequisite: Graduate standing.

PSGL 6990 (1 to 3)

See Internship Section.

Prerequisite: Graduate standing.

PSGL 6991 (1 to 3)

Paid Internship

See Internship Section.

Prerequisite: Graduate standing

PSHR – Professional Studies - Human Resources

PSHR 6120 (3)

Employment Law

This course focuses on the legal environment in which HRM decision making occurs. Emphasis is placed on areas regulated by the Federal Equal Employment Opportunity Commission, the Federal Labor Relations Board, and the US Department of Labor. Topics include the Fair Labor Standards Act, employee benefits, applicable tort and contract law, and discrimination in employment.

Prerequisite: HR 6400. Graduate standing.

PSHR 6320 (3)

Global Human Resource Management

This course examines the impact of globalization on the HR function. Cultural diversity, expatriation, and the role of transnational firms in developing economies receive special attention. Students will investigate the similarities and differences between HR techniques in national and multinational firms.

Prerequisite: Graduate standing.

PSHR 6400 (3)

Human Resource Management

This survey course stresses a systematic approach to human resource management and decision making. The role of HR managers is discussed, focusing specifically on the following functional areas: strategic human resource management, workforce planning and employment, and employee and labor relations. Using discussion, independent research, and objective testing, students build their knowledge of human resource management.

Prerequisite: Graduate standing.

PSHR 6410 (3)**Public Personnel Administration**

An analysis of personnel management in and of public agencies, in the contexts of historical developments and organizational theory. Topics include: the traditional concerns of civil service reform; recruitment, examination, and internal placement; working conditions; incentives; performance assessment; as well as the contemporary concerns of performance motivation, collective bargaining, equal opportunity, and affirmative action.

Prerequisite: PSMA 6400 or PSHR 6400. Graduate standing.

PSHR 6420 (3)**Compensation Management**

This is a survey course, in which students explore the contemporary issues and challenges facing compensation managers. Changes in legislation are considered, along with behavioral science theories, social and human factors, and economics. Students investigate the compensation management decision-making process, and the impact of these decisions on stakeholder constituencies.

Prerequisite: PSMA 6400 or PSHR 6400. Graduate standing.

PSHR 6450 (3)**Safety and Health Management**

This course focuses on the two major forces in safety management: the Occupational Safety and Health Act, and Worker's Compensation Law. Using these laws as a foundation, students learn: how to conduct safety inspections and accident investigations; how to deliver specific safety training; and how theories of human behavior and motivation can be used to develop corporate safety policies.

Prerequisite: PSMA 6400 or PSHR 6400. Graduate standing.

PSHR 6990 (1 to 3)**Nonpaid Internship**

See Internship Section.

Prerequisite: Graduate standing.

PSHR 6991 (1 to 3)**Paid Internship**

Prerequisite: Graduate standing.

PSHR 7021 (3)**Professional Certification Seminar in Human Resource Management**

A capstone course for graduate students enrolled in the MA/HRM program or MBA students with a human resources management concentration. All of the major areas in the HRM field are generally revisited. The course will be taught through a combination of lectures, in-class discussions, and experiential exercises that should assist the student in successfully completing the Human Resource Certification Institute (HRCI) examination level of Professional in Human Resources (PHR). NOTE: Successfully completing this course will not, in and of itself, guarantee passing the certification examination.

Prerequisite: LAW 6000, PSHR 6400, 6420, 6450, and 6460. Graduate standing.

PSHR 7031 (3)**Professional Paper in Human Resource Management**

The design and development of a major research paper in the field of Human Resource Management. The professional paper should be of the highest quality and should reflect the student's best efforts in applying skills and knowledge gained in graduate studies.

Prerequisite: IS 6100; LAW 6000; MS 6000; PSGL 6000; PSHR 6320, 6400, 6420, 6450, 6460, 7021; PSOC 6005, 6440, 6445. Graduate standing.

PSOC – Professional Studies - Organizational Change**PSOC 6005 (3)****Scope and Methods of Research**

A course designed for entering graduate students. The course: acquaints students with the theories of current and historical importance; introduces or reinforces the tenets of the scientific method; introduces the faculty, and previews key concept areas being taught in the program; discusses research designs and methods appropriate in graduate programs; and introduces students to research materials, knowledge technology, communications skills, and both quantitative and qualitative methods to be used throughout the program of studies.

Prerequisite: SOC 3100 and 3200. Graduate standing.

PSOC 6441 (3)**National and Community Change and Development**

National and community-level change and development is being experienced in almost every area of our contemporary world. Resolving ethnic and religious conflicts, developing market economies for global competition, resource acquisition, technology transfer, education, and creating new approaches to governance are some of the related issues. This course presents a holistic perspective on the issues of change and development at the macro levels of government and community organization. Models for change and development are reviewed as well as their applications in various human and environmental contexts. Specifically, change and development initiatives in economic development, public health improvement projects, stakeholder reconciliation, urban and environmental planning and educational programs are reviewed and analyzed.

Prerequisite: Graduate standing.

PSOC 6442 (3)**Culture and Intervention Strategies**

PSOC 6442 includes discussions and assignments intended to develop a working understanding of the influence of culture in various human organizations. Culture is presented as the fundamental knowledge we use to create adaptive solutions for human problems. National, corporate, community, and group organizations are fundamental expressions of culturally influenced world views and values. Frameworks for observing, analyzing, measuring, and changing culture are presented. Approaches for reconciling conflicts among stakeholders with seemingly different culture values and models for behavior are used in simulations and case discussions.

Prerequisite: Graduate standing.

PSOC 6444 (3)**Innovations and Creativity**

Innovation and creativity are critical aspects of organizational change and development in contemporary societies. This course explores the significance of innovation and creativity to the human experience. Relationships among creativity, change, and innovation are discussed within a multidisciplinary perspective. Practical methods for creating innovation in organization and group processes are illustrated via cases and simulations.

Prerequisite: Graduate standing.

PSOC 6445 (3)**Organizational Behavior**

This course provides HPU graduate students with a broad overview of the OB field. Theoretical and methodological understandings of OB are discussed and analyzed via a combination of practically based cases and research studies. Fundamental aspects of human behavior, such as motivation, communication, decision making, problem solving, power, leadership, conflict resolution, and technology transfer are discussed in a globally appropriate perspective. Both non-Western and Western approaches to OB are compared and discussed.

PSOC 6446 (3)**Consulting Theory and Practice**

Consulting has become a global industry, with a wide range of professional disciplines involved. This course provides a comprehensive overview of the consulting profession, with particular focus on organizational structures and processes for providing consultation services, product development and marketing, and approaches for implementing effective projects and initiatives. Learning will be enhanced by the use of cases, simulations, and experiential assignments.

Prerequisite: Graduate standing.

PSOC 6447 (3)**Consulting and Group Process Facilitation**

Participants in this integrative seminar will learn approaches for creating change interventions in organizational settings. Group process, facilitation methods, dealing with stakeholders' resistance, aligning power systems, and organizational design will be among the issues to be discussed. Learning will be enhanced by cases, simulations, and experiential assignments.

Prerequisite: Graduate standing.

PSOC 6990 (1 to 3)**Nonpaid Internship**

See Internship Section.

Prerequisite: Graduate standing.

PSOC 6991 (1 to 3)

See Internship Section.

Prerequisite: Graduate standing.

PSOC 7100 (3)**Professional Paper I**

Initial design and development of the major research paper for students in the MA/OC program.

Prerequisite: PSOC 6005 and IS 6010. Graduate standing.

PSOC 7200 (3)**Professional Paper II**

Continuing design and development of the major research paper for students in the MA/OC program.

Prerequisite: PSOC 7100. Graduate standing.

PSY – Psychology**PSY 1000 (3)****Introduction to Psychology**

An introductory course in psychology, covering the major processes underlying human behavior, cognition, and emotion. Specific units covered include: consciousness; sensation and perception; thought and language; human development; personality; social psychology; abnormal psychology; and the realization of human potential.

PSY 2100 (4)**Statistics in Psychology**

Provides skills necessary for data analysis in preparation for research methods course, and prepares students to analyze and interpret social science research findings. Students study descriptive and inferential statistics and parametric and nonparametric methods. Includes selection of proper statistical measures and techniques, and use of popular computerized statistical packages.

Prerequisite: A grade of C- or higher in any R&E A course; PSY 1000; MATH 1123, 1115, or 1130.

PSY 2200 (4)**Research Methods in Psychology**

Familiarizes students with principal research approaches, including descriptive, correlational, and experimental techniques and the strengths and limitations of each methodology. Includes hands-on experience in the formulation of proper research design, data collection and analysis, and professional communication of results and conclusions.

Prerequisite: PSY 2100.

PSY 2220 (3)**Social Psychology****PSY 3100 (3)****Learning and Cognitive Processes**

A survey of the psychology processes in learning and cognition. This includes coverage of perception, attention, associative conditioning and other forms of learning, memory, language, creativity, reasoning, problem solving, and decision making. Students perform experiments to understand the methods of inferring these processes.

Prerequisite: PSY 1000, 2100, and PSY 2200.

PSY 3110 (3)**Human Development I**

An examination of the emotional, mental, physical, and social development of individuals from infancy through adolescence. The process of human development is examined along with contemporary research focusing on human abilities and potential at different age levels.

Prerequisite: PSY 1000; A grade of C- or higher in any R&E A course.

PSY 3111 (3)**Human Development II**

A continuation of the examination of the emotional, mental, physical, and social development of individuals from adulthood to death. The process of human development is examined along with contemporary research focusing on human abilities and potential at different age levels.

Prerequisite: A grade of C- or higher in any R&E A course; PSY 1000.

PSY 3120 (3)**Group Dynamics in Organizations**

An introduction to theories of group dynamics and to current practices of modern management that utilize effective group processes in performing personnel management functions.

Prerequisite: MGMT 1000, PSY 1000, SOC 1000, 2000, or 2100.

PSY 3121 (3)**Applications of Psychology to Management**

An examination of the use of psychological theory for understanding and managing people at work. Major topics include: identifying individual strengths and weaknesses; assigning work tasks; communicating effectively; and reinforcing/rewarding behavior in a way that is meaningful to the worker. Problem solving and team building are emphasized.

Prerequisite: MGMT 1000 or PSY 1000.

PSY 3122 (3)**Industrial/Organizational Psychology**

A survey of theory and research in the field of industrial/organizational psychology. Topics include: personnel psychology (recruitment, selection, training, and performance appraisal); leadership; team building and dynamics; psychological dimensions of organizational management; and human performance psychology (job design and specification).

Prerequisite: MGMT 1000 or PSY 1000.

PSY 3133 (3)**Learning and Behavior**

An examination of the behaviorist approach to understanding and influencing learning. Included are reviews of historical stimulus-response models and more current cognition-based models. Ethical questions associated with the goal of systematically studying and applying behavior influence principles are addressed, including questions of whether behaviorists seek to stifle "free will," and who decides what behaviors should be reinforced.

Prerequisite: A grade of C- or higher in any R&E A course; PSY 1000.

PSY 3134 (3)**Educational Psychology**

An introduction to the psychological foundations of education. The course includes units on motivation, learning, individual differences, and classroom management. It surveys major theorists in the field, and confronts several contemporary controversies dealing with learning theory. The course is intended both for the would-be or practicing teacher and the psychology student.

Prerequisite: A grade of C- or higher in any R&E A

course; PSY 1000.

PSY 3135 (3)**Cognitive Psychology**

A study of the processes by which sensory input is transformed, reduced, elaborated, stored, recovered, and used. Major topics include: pattern recognition, attention, memory, visual language, language, problem-solving, and decision-making. This course systematically describes these topics, explains their theoretical foundations, and reviews the empirical support for each. Practical applications to improving memory, thinking about people, and designing computer interfaces are also covered.

Prerequisite: A grade of C- or higher in any R&E A course; PSY 1000.

PSY 3140 (3)**Psychology of Substance Abuse**

A liberal arts survey of all aspects of drug abuse including pharmacology, physiology, history, culture, philosophy, and treatment.

Prerequisite: PSY 1000.

PSY 3150 (3)**Psychology of Tourism and Travel**

A course designed to acquaint the travel industry student with the consumer-traveler. Understanding the traveler in psychological instead of demographic terms provides new insights into travel behavior for the future professional. The course focuses on why an individual traveler behaves in a particular manner. It differs markedly from the tourism literature that focuses on descriptions of the mass behavior rather than explanations of individual behavior.

Prerequisite: TIM 1010 or PSY 1000.

PSY 3155 (3)**Sports Psychology**

A systematic discussion and practice of the major mental skills required for optimal performance in physical sports. These include the relaxation response, directing attentional focus, becoming proficient in mental imaging, promoting positive thoughts, awareness of pain and pain control, and the effortless regulation of movement.

Prerequisite: PSY 1000; A grade of C- or higher in any R&E A course.

PSY 3160 (3)**Psychology of Music**

This course introduces students to the psychology of music. A survey of topics in this field will include development of musical preferences, emotional responses to music, perception of musical elements, cultural values in music, and music therapy.

Prerequisite: PSY 1000 and A grade of C- or higher in any R&E A course.

PSY 3170 (3)**Psychology of Emotion**

A survey of theories, models and research on the psychological aspects of human emotion. Will present social, cognitive, behavioral, and biological perspectives. Will explore how current understandings of human emotions and motivations apply to areas such as achievement, health, relationships, addictions, and creativity.

Prerequisite: PSY 1000; MATH 1123 or PSY 2100; PSY 2200, SOC 2100, or 3100. (* may be taken concurrently).*

PSY 3200 (3)
Biopsychology

Introduces the biological bases of human and nonhuman behavior, with emphasis on underlying physiological mechanisms, and on the development, evolution, and function of behavior. Topics include neuroanatomy, neurochemical communication, sensation and perception, learning and memory, motivation, drugs, emotion, movement, sleep, consummatory behavior, reproduction, and abnormal behavior.

Prerequisite: PSY 1000, 2100, and 2200.

PSY 3211 (3)
Adolescent Psychology

An introduction to the field of adolescent psychology that covers both theory and research on emotional growth, family and peer relations, cognitive development, and other aspects of the maturation process. Theories examined in this course derive from the works of Anna Freud, Piaget, Kohlberg, Erikson, Sullivan, and others.

Prerequisite: A grade of C- or higher in any R&E A course; PSY 1000.

PSY 3235 (3)
Cross-Cultural Psychology

A study of cross-cultural differences in perception, motivation, expression, verbal and nonverbal behavior, and values and meaning systems, and the implications of these differences for cross-cultural interaction and understanding.

Prerequisite: PSY 1000; A grade of C- or higher in any R&E A course.

PSY 3240 (3)
Client Counseling and Interviewing

Interviewing and counseling methods for work with clients on a one-to-one basis. The focus is on basic skills that can be used to assess a wide range of situations and engage clients in problem solving. Also covered are factors relating to the human services worker-client relationship, including ethical issues associated with using relationship for therapeutic purposes.

Prerequisite: A grade of C- or higher in any R&E A course; PSY 1000.

PSY 3245 (3)
Group Counseling

Issues and methods in the use of small groups to promote personal growth, therapeutic interaction, and social change. Group formation, maintenance, and termination; group dynamics; and roles/skills appropriate to group leadership and membership.

Prerequisite: PSY 1000; PSY 2200, SOC 2100, or 3100.

PSY 3300 (3)
Social Psychology

An exploration of major theoretical paradigms as they are used to understand topics in social psychology, including social perception, attribution of causality, the self, emotions, attraction, prejudice and discrimination, attitude

change, altruism, aggression, social influence, exchange and strategy, and physical well-being.

Prerequisite: PSY 1000, 2100, and 2200.

PSY 3310 (3)
Forensic Psychology

This course will provide a comprehensive overview of the forensic psychological research and the practice of forensic psychology. The student will become familiar with the forensic psychological literature, forensic psychological approaches and techniques in assessment and treatment, and many of the clinical/professional/ethical/legal issues surrounding the practice of forensic psychology.

Prerequisite: PSY 1000; A grade of C- or higher in any R&E A course.

PSY 3320 (3)
Health Psychology

This course introduces students to the field of health psychology. Beginning with historic ideas from the Greeks through psychosomatic medicine, current thoughts and approaches from a biopsychosocial understanding of disease and its meaning (psychological and social) will be developed, with a focus on applied issues.

Prerequisite: PSY 1000; A grade of C- or higher in any R&E A course.

PSY 3330 (3)
Personal Relationships

Introduces students to theories and research in the study of personal relationships. Will focus on the development, maintenance and functions of both friendship and intimacy.

Prerequisite: PSY 1000; PSY 2100 or MATH 1123; and PSY 2200, SOC 2100, SOC 2300, or any three biology or chemistry courses (* may be taken concurrently).*

PSY 3340 (3)
Human Sexuality

Explores the biological, neurological, psychological, sociological, and historical bases of human sexuality; sexual development and reproduction; and the issues and challenges related to sexuality in a contemporary society. Maintaining objectivity within the context of personal value systems is also addressed.

Prerequisite: PSY 1000 and WRI 1200.

PSY 3350 (3)
Clinical Psychology

An introduction to the methods, rationale, and empirical foundations of the field of clinical psychology, including historical roots, conceptual models, professional issues, current controversies, and career options.

Prerequisite: PSY 1000; PSY 2100 or MATH 1123; and PSY 2200, SOC 2100, 3100, or any three BIOL or CHEM courses (* may be taken concurrently).*

PSY 3360 (3)
Military Psychology

An overview of the use of psychology applied to military settings. Main topics include the history of military psychology, the military as sub-culture, clinical psychology and behavioral health in the military, and operational psychology. Special attention will be given to ethical

considerations in the practice of military psychology.

Prerequisite: PSY 1000 and A grade of C- or higher in any R&E A course.

PSY 3400 (3)

Lifespan Development Psychology

Examines the physical, cognitive, emotional, and social development of individuals from birth to death. Theories and research evidence concerning factors such as heredity, early experience, parenting styles, peers, school, societal values, work, retirement, leisure, aging processes, death and bereavement will be assessed in the context of development through the lifespan.

Prerequisite: PSY 1000; PSY 2100 or MATH 1123; and PSY 2200 (or concurrent) or SOC 2100 or SOC 3100 or any three biology or chemistry courses.

PSY 3440 (3)

Psychology of Gender

Survey of topics in psychology relevant to gender and its impact on the lives of women and men, including major psychological theories of gender-role development; gender bias and stereotypes; biological and environmental influences that determine and maintain gender differences in behavior; distinctions between sex and gender. Reviews empirical findings that support or fail to support common beliefs about gender. Students will learn to understand the complexity and diversity of gendered experiences in the social settings of their own and other cultures.

Prerequisite: PSY 1000; A grade of C- or higher in any R&E A course.

PSY 3450 (3)

Child and Adolescent Development for Educators

An overview of the major concepts, principles, theories, and research related to the growth and development of children and young adolescents so that teacher candidates may construct learning opportunities that support the intellectual, psychological, and social development of diverse learners.

PSY 3500 (3)

Tests and Measurements in Psychology

Covers the fundamentals of measurement theory and practice upon which all psychological testing rests. Major topics include: types of measurement, correlation, reliability, validity, test development and norms. Major individual and group tests of intelligence, personality, aptitude, and interests are examined and evaluated in terms of these concepts.

Prerequisite: MATH 1123, 3323, PSY 2100, or SOC 3200; PSY 2200, SOC 2100, or 3100.

PSY 3550 (3)

Advanced Psychological Statistics

A brief, pragmatic survey of advanced statistical concepts for non-mathematicians. Topics will include fundamental concepts/assumptions and use of statistical software for computing analysis of variance for factorial and repeated-measures designs, multivariate analysis of variance and covariance, partial correlation, multiple regression, and discriminant analysis. Examples from psychology.

Prerequisite: MATH 1123, 3323, PSY 2100, or SOC 3200; PSY 2200, SOC 2100, or 3100.

PSY 3600 (3)

Abnormal Psychology

A study of the etiology, development, manifestations, and treatment of psychological disorders. Psychodynamic, behavioral, humanistic, systems, and cross-cultural theoretical perspectives are used to understand stress and anxiety-based disorders, psychoses, social and personality disorders, and organic and developmental disorders. Normality/abnormality are treated as concepts, as are legal and ethical issues related to deviant behavior.

Prerequisite: PSY 1000; PSY 2100 or MATH 1123; and PSY 2200 (or concurrent) or SOC 2100 or SOC 3100 or any three biology or chemistry courses.

PSY 3700 (3)

Personality

A study of the nature and development of human personality from different theoretical perspectives. Foci include: the conceptualization and meaning of "personality"; modes of assessing personality characteristics; and the relationship of personality to culture and society. Cases, contemporary research, and topics of current interest in personality are featured.

Prerequisite: PSY 1000, 2100, and 2200.

PSY 3750 (3)

Well-Being and Positive Psychology

Explores factors that make life worth living and the human strengths that enable individuals to confront challenges, appreciate others, and regard daily experiences as meaningful. Provides a distinct contrast to the negative focus of the disease-model approach that traditionally dominated much of the discipline. The focus will be on current issues in positive psychology, including defining happiness and the nature of the good life, subjective well-being, human strengths and virtues, finding meaning, emotions, flow, and optimism.

Prerequisite: PSY 1000, 2100, or 3750.

PSY 3990 (1 to 3)

Nonpaid Internship

See Internship Section.

PSY 3991 (1 to 3)

Paid Internship

See Internship section.

PSY 4132 (3)

Humanistic and Existential Psychology

A study of the ideas and perspectives associated with humanistic psychology, the fulfillment of human potential through the exploration and expansion of consciousness and the exercise of conscious choice. Topics include: self-determination and authenticity; integration, choice and responsibility; the dynamics of feelings; defensive processes; dreams; meditation; changing unwanted behavior; and living-in relationship.

Prerequisite: A grade of C- or higher in any R&E A course.

PSY 4240 (3)

The Psychology of Dreams

A study of the theoretical perspectives and practical skills in dream recall, interpretation, and understanding. Topics

include: sleeping and dreaming research; history of dream interpretation; Freudian, Jungian, existential, and functional explanations; and lucid dreaming. Students keep a dreams journal and work with their own dreams.

Prerequisite: PSY 3110, 3300, 3400, 3600, 4132, or 4340.

PSY 4340 (3)
Psychotherapies

An overview and critical analysis of contemporary psychotherapies and of psychotherapy as an institution in society. Therapies studied may include: existential, behavior modification, psychoanalysis, transactional analysis, cognitive, gestalt, and family systems.

Prerequisite: PSY 3600 or 3700.

PSY 4900 (3)
History and Systems of Psychology

This is a capstone course for psychology majors. As an advanced discussion course for seniors majoring in Psychology or allied disciplines, this course will examine the historical progression of ideas central to psychology, their philosophical and empirical roots, and the confluence of those ideas into the various systems present today.

Prerequisite: PSY 2200; any three of the following PSY courses: 3100, 3200, 3300, 3400, 3500, 3550, 3600, or 3700.

PSY 4910 (3)
Advanced Topics in Psychology

A capstone course for psychology majors. Provides an advanced, integrative review of a significant theme or topic in psychology that supplements regularly offered electives. A selected area within the discipline will be given intensive study through lectures, readings, reports, papers, and discussion. Topics may vary from semester to semester and could include aging, social cognition, psychology of religion and spirituality, family systems, psychology of stereotypes and prejudice, animal behavior, and developmental psychopathology. May be taken more than once with different topics.

Prerequisite: PSY 2200; any three of the following PSY courses: 3100, 3200, 3300, 3400, 3500, 3550, 3600, or 3700.

PSY 4925 (3)
Psychology Research Seminar

This is a capstone course for psychology majors. Students will review an area of scientific literature, as determined by Faculty each semester. Students will present a portion of the topic to the class. Concurrently, students will engage in empirical research: collecting and analyzing data, and presenting results professionally.

Prerequisite: PSY 2200; any three of the following PSY courses: 3100, 3200, 3300, 3400, 3500, 3550, 3600, or 3700.

PSY 4950 (3)
Counseling/Community Practicum

A practicum that prepares students for entry-level positions in the mental health field as well as graduate school. The practicum is a field and class course requiring placement in an agency. Emphasis is placed on developing listening, observation, assessment, and intervention skills. Such issues as confidentiality, ethics, and counseling

special groups are addressed.

Prerequisite: PSY 2200; any three of the following PSY courses: 3100, 3200, 3300, 3400, 3500, 3550, 3600, or 3700; and the approval of the instructor.

PSY 4970 (3)
Research Practicum

Research experience under mentorship. Student activities involve significant responsibilities in the research process, including literature review, conceptualization of the study, design of data collection methods and instruments, data collection, data analysis, and interpretation of research results.

Prerequisite: PSY 2200.

PSY 4997 (1 to 3)
Directed Readings in Psychology

Directed individualized readings.

PSY 6100 (4)
Research Methodology and Applied Statistics

This course covers methods of empirical research particularly applicable to clinical and counseling situations with primary emphasis on interpretation, evaluation and application of published research in professional settings.

Prerequisite: One undergraduate research methods and statistics course.

PSY 6330 (3)
Social Psychology and Cultural Diversity

This course provides an in depth review of theories and experiments that are the foundation of social psychology. Both classical and current studies concerning various topics (including, but not limited to: emotions, self, identity, culture and neuroscience) or social psychology will be reviewed, discussed and presented in class. Emphasis on multi-cultural diversity and tolerance of other groups.

Prerequisite: PSY6100.

PSY 6340 (3)
Developmental Psychology

Development Psychology is a course that examines the changes, both growth and decline, across the human lifespan from conception to death. It includes physical, cognitive, and socioemotional changes that help to shape our lives. Topics include the importance of the prenatal environment on development, language formation, self-esteem and identity, romantic relationships, retirement, and dying.

PSY 6360 (3)
Psychopathology

This course provides an in depth, evidence-based review of a broad spectrum of psychopathological conditions as defined in the current DSM. The focus of this review includes etiology, prevalence and incidence, signs and symptoms, criteria for differential diagnosis, and potential treatment for each disorder.

Prerequisite: Admission to the MA in CMHC or permission of the program director.

PSY 6450 (3)
Child and Adolescent Development for Educators

Provides an overview of the major concepts, principles, theories, and research related to development of children

and adolescents so that teacher candidates can construct learning opportunities that are adapted to diverse learners and support individual students' development, acquisition of knowledge, and motivation.

PSY 6500 (3)

Psychological Assessment: Theory

This course covers basic concepts in the construction, selection, administration, scoring, and interpretation of assessment procedures commonly used in psychology. This course will cover psychometric properties and proper use of these instruments, as well as factors affecting reliability and validity. Additional focus is on synthesizing data, diagnostic interviewing, report writing skills, and ethical considerations.

Co-requisite: PSY 6501.

PSY 6501 (1)

Psychological Assessment: Practice

This course is designed to be taken concurrently with PSY 6500 (Psychological Assessment: Theory). This course provides in-depth supervised experience in diagnostic and behavioral interviewing; and in selecting, administering, scoring, and interpreting assessment instruments.

Co-requisite: PSY 6500.

PSY 6700 (3)

Therapeutic Interventions

Surveys major theories of counseling and psychotherapy from both clinical and research viewpoints.

Prerequisite: PSY 6100 and 6360.

RE - Real Estate

RE 3000 (3)

Principles and Practice of Real Estate

The study of basic aspects of real estate; definition of land; real estate and real property; types of estates in land; types of ownership; types of conveyances and documents; certain Hawai'i statutes; physical and economic characteristics; agency; financing; development; investments; appraising; and management.

Prerequisite: A grade of C- or higher in any R&E A course.

RE 3300 (3)

Real Estate Finance

A basic course in real estate finance, focusing on methods, processes, and caveats. Course units include: money markets, interest rates, real estate financing, case illustration demonstrating lending policies; typical problems involved in financing real property; and evaluation of income property investment alternatives.

Prerequisite: FIN 3000.

RE 3400 (3)

Real Estate Law

The study of property and brokerage law, and application of these to both personal real property investments, and real estate management. Course topics include: property rights and limitations; conveyancing; brokerage operations under state law; and current topics in real estate law.

Prerequisite: LAW 3000 and RE 3000.

RE 3990 (1 to 3)

Nonpaid Internship

See Internship Section.

RE 3991 (1 to 3)

Paid Internship

See Internship Section.

RE 4997 (3)

Directed Readings in Real Estate

Directed readings in real estate.

REL – Religious Studies

REL 1000 (3)

Introduction to World Religions

A comparative and interdisciplinary study of the world's oral and text-based religious traditions.

REL 1001 (1)

Islam: A Short Course

Introduction to the core principles of Islam, its different religious sects (i.e. Shia, Sunni, Sufi), cultural mores in the Middle East, and Islamic revitalization movements of the last century.

Prerequisite: Undergraduate standing.

REL 2001 (3)

Search for Meaning

Various ideas and writings concerning the meaning of human existence both inside and outside the perspectives of specific religious and philosophical traditions. Emphasis is mainly on nineteenth and twentieth century writers. The course provides students with the opportunity to develop their own perspectives on the meaning of human existence.

Prerequisite: Any Com Skills A course.

REL 2151 (3)

The Hebrew Bible as Literature

The writings of the Hebrew scriptures within the framework of Near Eastern history and literature. The course examines themes such as God, humanity, gender, and nation as set forth in the early writings of the Judea-Christian traditions.

Prerequisite: Any Com Skills A course.

REL 3001 (3)

Religion and Social Change

An interdisciplinary approach to problems of social order, integrating religion, ethics, and science. The course develops the evaluative process as a primary tool in the study of social problems and examines the relevance of institutionalized religion in a world of rapid social change.

Prerequisite: Any Com Skills A course.

REL 3007 (3)

On Death and Dying

An overview of the legal, moral, medical, and pastoral attitudes surrounding death. Personal reflection, preparation, and acceptance of death as a liberating act of life are emphasized.

Prerequisite: Any Com Skills A course.

REL 3152 (3)**Understanding Early Christian Literature**

Course will focus on the historical emergence of Christian doctrine as revealed by texts. Readings may address Jewish scriptures, Dead Sea scrolls, New Testament gospels, gnostic gospels, apocalyptic expectations, early Christian letters, martyr narratives, Greco-Roman mysteries, and historical writings up through the fall of the Roman empire.

Prerequisite: Any Com Skills A course.

REL 3200 (3)**Abrahamic Traditions**

Judaism, Christianity and Islam are all Abrahamic religions because their originating legends derive from the figure of Abraham, father of Ishmael and Isaac in the Bible. Consequently, they are considered religious cousins. Exploring the histories of the three traditions together allows us to see and compare founding stories, themes, and historical developments and interactions among the three.

Prerequisite: Any Com Skills A course.

REL 3310 (3)**Asian Traditions**

Survey of the literature, history, and cultural traditions associated with Asian religions, such as Hinduism, Jainism, Buddhism, Bo, Confucianism, Daoism, Shinto, and numerous folk traditions. Course begins in ancient India and expands into Nepal, Tibet, Sri Lanka, China, Korea, Japan, and Hawai'i.

Prerequisite: Any Com Skills A course; Consent of instructor.

REL 3500 (3)**Indigenous Traditions**

Course explores religious and mystical traditions of indigenous peoples primarily from Aboriginal Australian, Pacific island, mainland Native American, and African cultures. Readings focus on autobiographical and fictional accounts of traditional people at the crossroads between contemporary and traditional cultures.

Prerequisite: Any Com Skills A course.

REL 3600 (3)**War in World Religions**

A survey of the historical link between religion and war, from antiquity to the present, from west to east. Students will peruse literature justifying war, imagining war, and condemning war from different cultures, religions, and historical periods.

Prerequisite: Any introductory humanities course.

REL 3700 (3)**Female Figures in the Bible**

Course will explore female figures in stories from the first and second testaments and also in apocryphal literature associated with Judaism and Christianity extending into the early 4th century CE. Where applicable, Islamic versions of the same tales will be explored. Students will use a variety of perspectives to explore these stories, i.e. narratology, archeology, and feminist hermeneutics.

Prerequisite: Any course in religious studies or permission of the instructor; Any Com Skills A course.

REL 3997 (3)**Directed Readings**

Directed individualized readings.

REL 4002 (3)**Religions, Sustainability, and Globalization**

Course examines the critical links between religion, sustainability, and globalization. Students will be acquainted with the impact of religious teachings on sustainability and with the impact of globalization on religious traditions. Students will examine how religious ideologies generate views of ecosystems and our place in them, as well as religion's influence on applied ethics in a shrinking world.

Prerequisite: Any upper-division religious studies course.

REL 4900 (3)**Seminar in Religious Studies**

The seminar offers students opportunities for in depth study of a specific topic in religious studies. Presentation of a thesis on an aspect of the topic is required. Effective research, analytical composition and oral communication are expected.

Prerequisite: WRI 1200 and any upper-division humanities course. REL 1000 is strongly recommended.

REL 6002 (3)**Religion, Sustainability, and Globalization**

This course will address two broad but interrelated sets of topics. The first is a comparison of traditional religious teachings regarding our place on earth, farming, animals, commerce, as well as cooperation and competition with outsiders. The other set deals with the changes in these attitudes subsequent to globalization.

Prerequisite: Graduate standing.

REL 6011 (3)**Religion in World History**

An objective and non-partisan survey of the role religion has played in the course of human events. A basic knowledge of the principle tenets and sects of Judaism, Hinduism, Buddhism, Christianity, and Islam is recommended; personal adherence to a particular religion or lifestyle is not. Emphasis is given to the historical context of contemporary religious concerns and conflict.

Prerequisite: Graduate standing.

SOC – Sociology**SOC 1000 (3)****Introduction to Sociology**

An examination of how various social structures and processes influence the well-being of individuals and society. Topics include: theory and methods used to study society; the relationship between self and society; social differences and inequality; institutions; contemporary issues such as popular culture and urbanization; and social change through collective behavior and modernization.

SOC 2000 (3)**Social Problems and Policy**

A survey of important social problems confronting Americans today, their causes, and solutions. Particular attention is directed toward understanding how and why

social problems are created and the controversies surrounding them.

Prerequisite: Any introductory social science/political science course; Any Com Skills A course.

SOC 2100 (3)

Fundamentals of Research

This course will introduce students to the field of scientific research with special emphasis on their roles as consumers of research in their intended majors.

Prerequisite: A grade of C- or higher in any R&E A course.

SOC 2600 (3)

Peace Studies

Peace Studies provides students with an introduction to the dynamics of conflict and peace at the personal, local, national, and international levels. The course surveys interdisciplinary research that analyzes the causes of violence, war, and peace in the contemporary world.

Prerequisite: A grade of C- or higher in any R&E A course.

SOC 3100 (3)

Methods of Inquiry

An overview of the major methods for seeking and organizing knowledge in the social sciences. Topics include research design, ethics, selection of subjects, and presentation of results.

Prerequisite: A grade of C- or higher in any R&E A course; Any three social science courses.

SOC 3200 (3)

Social Statistics

Descriptive and inferential statistics for data analysis in the social sciences. Techniques for analysis of data from experimental and nonexperimental research include: levels of measurement; central tendency; variability; internal estimation; and tests of hypotheses. Other topics covered include: parametric and nonparametric statistics, including t-test, correlation and regression, analysis of variance, and chi-square.

Prerequisite: SOC 2100 or 3100.

SOC 3320 (3)

Marriage and the Family

A comprehensive view of marriage and the family in a social context. The course employs both psychological and sociological perspectives and deals with such topics as: family forms, functions, interaction; impact of social change on family and individual goals; human intimacy; and successful marriage.

Prerequisite: A grade of C- or higher in any R&E A course; Any two social science courses.

SOC 3329 (3)

Sociology of Gender and Sexuality

This course explores the development of gender, sexuality and sexual identities and their distinctive places in society today. Emphasis is placed on social construction of gender categories and gender systems, and the interplay of gender with social institutions such as families and political/economic systems.

Prerequisite: SOC 1000 or 2000; A grade of C- or higher

in any R&E A course.

SOC 3350 (3)

Collective Behavior

A course that describes collective behavior: the role of interaction among individuals in a social movement; the phenomenon of social organization despite deviant crowd behavior; and appropriate governmental or business responses to acute crises or to cumulative social change phenomena.

Prerequisite: A grade of C- or higher in any R&E A course.

SOC 3380 (3)

Cross-Cultural Relations

A course that addresses problems of residents of multiethnic societies and immigrants and sojourners in a foreign country. Topics include how characteristics of the individual, group, situation, and host society affect transcultural relations; and principles which maximize cross-cultural adjustment, work effectiveness, and successful interaction. Special focus on the immigrant experiences of ethnic groups in Hawai'i.

Prerequisite: Any two social science courses; A grade of C- or higher in any R&E A course.

SOC 3420 (3)

Family Dynamics: Violence

Refer to NUR 3910.

Prerequisite: PSY 1000.

SOC 3440 (3)

Criminology

Refer to JADM 3050.

Prerequisite: A grade of C- or higher in any R&E A course; SOC 1000.

SOC 3450 (3)

Drug Abuse and Justice

Refer to JADM 3520.

Prerequisite: SOC 1000, 2000, or 2100; A grade of C- or higher in any R&E A course.

SOC 3460 (3)

Crime Victims and Justice

Refer to JADM 3510.

SOC 3470 (3)

Advanced Criminological Theory

This course focuses on an in-depth study of the sociological, biological, and psychological theories of crime and criminology. The course explores how these theories result in the real-life practices of how criminals are handled in the various stages of the criminal justice system to include criminal investigation and apprehension, pre-trial and conviction, sentencing and incarceration. Specific real-life practices examined are substance abuse, street gangs, family violence, and sexual exploitation, among others.

Prerequisite: A grade of C- or higher in any R&E A course.

SOC 3510 (3)

Baseball in American Culture

American society as seen through America's national

sport. Topics include demographic changes, war, race relations, gender issues, generational and labor-management relations, all as revealed in and affected by the evolution of amateur and professional baseball.

Prerequisite: A grade of C- or higher in any R&E A course.

SOC 3540 (3)

Corrections: Processes and Programs

Refer to JADM 3320.

Prerequisite: SOC 1000, 2000, or 2100; A grade of C- or higher in any R&E A course.

SOC 3560 (3)

Community Intervention

Basic skills in community intervention in a broad range of medium and large-group settings. The course emphasizes working effectively within existing community systems as well as making changes.

Prerequisite: SOC 1000, 2000, 2100, or PSY 1000; A grade of C- or higher in any R&E A course.

SOC 3570 (3)

American Social Welfare Policy

The study of society's policy response to social problems such as poverty, illness, and abuse. Special attention is given to social welfare programs.

Prerequisite: PSCI 1400 or 2000; SOC 1000, 2000, or 2100; A grade of C- or higher in any R&E A course.

SOC 3600 (3)

Sociology of Work

Cross-national comparisons of selected questions in the sociology of work and occupations. Considers macro-level issues such as the interaction between business organizations and government as well as micro-level issues such as organizational innovation and workplace structure. Analysis of selected professions.

Prerequisite: Any two courses in social science or management; A grade of C- or higher in any R&E A course.

SOC 3640 (3)

Urban Sociology

A comprehensive overview of urban sociology and urban studies. Provides an overview of the nature and growth of cities, and their effects on people's lives in the United States and internationally. The "urban revolution" and growth and effects of suburbs are also considered.

Prerequisite: Any two social science courses; A grade of C- or higher in any R&E A course.

SOC 3650 (3)

Global Systems and Development

The content of the course focuses upon development and social change in global systems. A combination of international conditions and domestic endowments explain strategies for economic development and social change in different countries and are documented with case studies. Additional units covering global social problems complete the global view. Issues of poverty, human rights, gender, population growth, environment, war and militarism, global media, survival of indigenous peoples, racial/ethnic conflicts, global crime, and world health are included.

Prerequisite: A grade of C- or higher in any R&E A course.

SOC 3651 (3)

Intergenerational Programs

This is the first of a two-course introduction to the world of intergenerational programs, which are designed to increase cooperation or exchange between young people and seniors. Students will learn about the origins, policy issues, methods, and settings associated with such programs.

Prerequisite: PSY 1000, SOC 1000, 2000, or 2100; A grade of C- or higher in any R&E A course.

SOC 3660 (3)

Sociology of Terrorism

This course is designed to introduce and examine domestic as well as international terrorism from a sociological perspective. The course will review major theories of terrorism; present the historical, religious, political, and ideological motives for terrorism; and discuss the threat that terrorism poses. Additional topics may include a sociological analysis of the contemporary terrorism issues of symbolic hate groups, esotericism, religious extremist organizations, and narco-terrorist drug cartels.

Prerequisite: SOC 1000, 2000, 2100, 3100, PSCI 2000, or STSS 2601; A grade of C- or higher in any R&E A course.

SOC 3700 (3)

This course will allow students and faculty to address current or specialized issues in sociology that are not part of the regular curriculum. Course topics will vary with instructor. This course may be repeated for a total of up to 9 credit hours as topics change.

Prerequisite: SOC 1000; A grade of C- or higher in any R&E A course.

SOC 3750 (3)

Social Movements and Collective Behavior

An analysis of several historic and current social movements, techniques for change, and the implications for human development. The perspective of this course is both sociological and political. Topics include: feminism, the battle for racial equality, and political extremism.

Prerequisite: A grade of C- or higher in any R&E A course; Any two social science courses.

SOC 3760 (3)

Women, Minorities, and Justice

Refer to JADM 3540.

Prerequisite: SOC 1000; A grade of C- or higher in any R&E A course.

SOC 3950 (3)

Practicum

SOC 3990 (1 to 3)

Nonpaid Internship

See Internship Section.

SOC 3991 (1 to 3)

Paid Internship

See Internship Section.

SOC 4000 (3)**Sociological Theory**

This course will familiarize students with historical, economic, political and cultural forces that have influenced our attitudes and behaviors today. Students will learn how these developments and related topics can be explained in the context of sociological theory.

Prerequisite: A grade of C- or higher in any R&E A course; SOC 1000.

SOC 4500 (3)**Program Design for the Human Services**

Capstone course for Human Services majors. Designed to teach the process of establishing and running a small program or project within a human services agency, recreational organization, or public organization.

Prerequisite: SOC 3530.

SOC 4971 (3)**Research Practicum I**

Practical experience in the conduct of social research under the supervision of a faculty mentor, emphasizing the role of practice in modifying sociological theory and methods while identifying and resolving individual and social problems. Students may work with faculty in ongoing research or may design and carry out their own work under faculty supervision.

SOC 4972 (3)**Research Practicum II**

Optional continuation of SOC 4971. With prior approval, students may complete research and analysis of a complex project begun in Research Practicum I or design and carry out a new research project under faculty supervision.

SPAN – Spanish**SPAN 1100 (4)****Beginning Spanish I**

An introduction to written and spoken Spanish. This is the first semester of a two-semester sequence.

SPAN 1200 (4)**Beginning Spanish II**

An introduction to written and spoken Spanish. This is the second semester of a two-semester sequence.

Prerequisite: SPAN 1100.

SPAN 2100 (4)**Intermediate Spanish I**

Conversation, reading, grammar, and introduction to Spanish culture. This is the first semester of a two-semester sequence.

Prerequisite: SPAN 1200.

SPAN 2200 (4)**Intermediate Spanish II**

Conversation, reading, grammar, and introduction to Spanish culture. This is the second semester of a two-semester sequence.

Prerequisite: SPAN 2100.

SPAN 3100 (4)**Advanced Spanish Speaking and Listening**

Advanced conversation, stressing the ability to develop fluency on a variety of topics, formal presentation, and listening, stressing the ability to understand extended discourse.

Prerequisite: SPAN 2200.

SPAN 3200 (4)**Advanced Spanish Writing and Grammar**

Advanced writing, stressing the ability to write in various genres, including letters and e-mail, short reports, summaries and reflections, review of advanced grammatical forms, with emphasis in producing these forms in original writing.

Prerequisite: SPAN 2200.

SPAN 3310 (4)**Culture and Literature of Spain**

Reading, discussion, and written analysis and response to various forms of literature and contemporary media of Spain.

Prerequisite: SPAN 2200.

SPAN 3320 (4)**Culture and Literature of Mexico and Central America**

Reading, discussion, and written analysis and response to various forms of literature and contemporary media Mexico and Central America.

Prerequisite: SPAN 2200.

SPAN 3330 (4)**Culture and Literature of South America**

Reading, discussion, and written analysis and response to various forms of literature and contemporary media of South America.

Prerequisite: SPAN 2200.

SPAN 3340 (4)**Culture and Literature of Caribbean**

Reading, discussion, and written analysis and response to various forms of literature and contemporary media of the Caribbean.

Prerequisite: SPAN 2200.

SPAN 3350 (4)**Culture and Literature of Spanish-speakers in the U.S.**

Reading, discussion, and written analysis and response to various forms of literature and contemporary media of the Spanish-speaking United States.

Prerequisite: SPAN 2200.

STSS – Strategic and Security Studies**STSS 2601 (3)****War and Civilization**

A survey of the importance of violence, war, and peace on national and international security, strategy, and policy formation. This class explores themes such as the role of war and peace as they relate to the rise and fall of states, national security, societies, and technological development. The course looks at these and other themes from a global perspective.

Prerequisite: Any Com Skills A course.

STSS 6301 (3)
China's National Security and Modern Military Doctrine

The course provides an in-depth analysis of China's present and future and national security requirements and how that shapes their modern military thought and doctrine. We will discuss China's economic developments, trade and national security concerns, and latest military developments against the backdrop of traditional and evolving Chinese military thought.

Prerequisite: Graduate standing.

STSS 6600 (3)
20th-Century Intelligence Operations

The course provides an in-depth analysis of intelligence operations during the 20th Century, examining how changes in technology, cultures, economics, and strategic situation affected intelligence requirements and operations and impacted nations' security and decision making. The seminar will focus on how nations shaped their intelligence requirements and procedures to meet those changes.

Prerequisite: Graduate standing.

STSS 6666 (3)
Theory and Practice of Counterinsurgency

This seminar aims to familiarize DMS students with the challenges posed by counterinsurgency warfare in the past, present, and future. Students will consider historical case studies of counterinsurgency, read and discuss major theorists, including Mao Tse-tung, Che Guevara, David Galula, and current U.S. Army and Marine COIN doctrine.

Prerequisite: Graduate standing.

STSS 6990 (1 to 3)
Unpaid Internship
 See Internship Section.

STSS 6991 (1 to 3)
Paid Internship
 See Internship Section.

Student Exchange Program

Hawaii Pacific University offers undergraduate and graduate students opportunities to study at foreign partner universities through the Student Exchange Program. Credits earned abroad are applied to one's HPU degree program through enrollment in various SE (Student Exchange) courses. Generally, undergraduate exchange students enroll in 15 credits of SE courses each semester or in 3-6 credits during the summer. Graduate students enroll in 3-12 credits of SE courses, depending upon the total number of courses selected during a semester. Graduate summer exchange program students enroll in SE 6020 and/or SE 6022. Exchange students pay HPU tuition and are officially registered at the University while studying abroad. Descriptions of student exchange partner universities and courses offered are on the HPU Internet site, under "Student Exchange Program."

Undergraduate Student Exchange (SE) Courses:

Fall Semester: SE 3000, 3002, 3004, 3006, 3008
 Spring Semester: SE 3001, 3003, 3005, 3007, 3009
 Summer Sessions: SE 3020, 3022

Graduate Student Exchange (SE) Courses:

Fall Semester: SE 6000, 6002, 6004, 6006
 Spring Semester: SE 6001, 6003, 6005, 6007
 Summer Sessions: SE 6020, 6022

SWRK – Social Work

SWRK 2000 (3)
Profession of Social Work

An introduction to the profession's knowledge base, generalist methods, goals, and fields of practice. Students are encouraged to view the profession and themselves in realistic terms and to examine their appropriateness for continued study in social work. Required for admission to social work major.

Prerequisite: Any Com Skills A course.

SWRK 3000 (3)
Methods of Social Work I

An orientation to the principles and overview of the problem-solving process of generalist social work practice (intake, engagement, data collection, assessment, planning, contracting, intervention, evaluation, termination, follow-up.)

Prerequisite: SWRK 3003 or concurrent

SWRK 3003 (3)
Human Behavior in the Social Environment I

This course teaches the psychological, social, and emotional aspects of development at each stage of the life cycle; some challenges to success in these stages; and the implications for social work practice at each stage. A variety of perspectives on human behavior is also presented.

Prerequisite: Admission to the BSW Program or SWRK 2000.

SWRK 3005 (3)
Human Behavior in the Social Environment II

This course teaches social systems theory from a human development perspective. It provides students with an understanding and application, to generalist social work practice, of significant concepts from human biological, psychological, and sociological systems.

Prerequisite: Admission to the BSW Program or SWRK 2000.

SWRK 3010 (3)
Methods of Social Work II

A closer examination of the social work skills and methods with individuals including diverse/special populations.

Prerequisite: SWRK 3000 or 3005 (may be taken concurrently).

SWRK 3300 (3)
Writing and Research in Social Work

This course focuses attention on two essential skills of social work: (1) clear, correct, and professionally/legally sound documentation, and

(2) integrating the results of social science research into professional practice/practice evaluation.

Prerequisite: MATH 1123 and SOC 2100; A grade of C- or higher in any R&E A course.

SWRK 3570 (3)

American Social Welfare Policy

Refer to SOC 3570.

Prerequisite: A grade of C- or higher in any R&E A course; PSCI 1400 or 2000; SOC 1000, 2000, or 2100.

SWRK 3730 (3)

American Social Welfare Policy

SWRK 3900 (3)

Social Work Practicum I

Students apply and integrate classroom theory in a social agency under close supervision. Required for all social work majors.

Prerequisite: SWRK 3010 or concurrent.

SWRK 3990 (1 to 3)

Nonpaid Internship

SWRK 3991 (1 to 3)

Paid Internship

SWRK 4000 (3)

Methods of Social Work III

A closer examination of the social work skills and methods with families and groups, including diverse/special populations.

Prerequisite: SWRK 3005, 3010, and 3900[^]. ([^] may be taken concurrently).

SWRK 4010 (3)

Methods of Social Work IV

A closer examination of the social work skills and methods with organizations and communities, with special attention to evaluation. This course also serves as a "capstone," in which students return to the generalist model as a whole.

Prerequisite: SOC 2100 or 3100; SWRK 3000, 3003, 3005, and 3010.

SWRK 4900 (3)

Social Work Practicum II

Students apply and integrate classroom theory in social agencies under close supervision. Required for all social work majors.

Prerequisite: Completion of all 3000-level SWRK courses.

SWRK 4910 (3 to 4)

Social Work Practicum III

Students apply and integrate classroom theory in social agencies under close supervision. Required for all social work majors.

Prerequisite: SWRK 4900 or concurrent.

SWRK 6001 (3)

Fundraising and Resources Development for Non-Profit Organizations and Agencies

Fundraising and Resources Development for Non-Profit Organizations and Agencies is a macro elective that covers resource development and grant writing for non-profit agencies. It affords students to assist agencies to expand their funding base in difficult economic times.

Prerequisite: Graduate standing.

SWRK 6002 (3)

This course provides specific application of crisis theory onto generalist practice relevant to conducting the practice of social work during a crisis situation, immediately following a crisis, and in situations where the social worker may be faced with the task of assisting an individual, family, group, or community in dealing with the long term effects of a crisis experience.

Prerequisite: Admission to the MSW program.

SWRK 6050 (3)

Graduate Study of Social Work for Advanced Standing Students

A transition course for students with the BSW who will begin second year MSW courses in the following semester. Differences between undergraduate and graduate social work education. Review topics not covered in depth in the BSW. Literature research methods necessary for success at the graduate level.

Prerequisite: Admission to Advanced Standing MSW Program.

SWRK 6100 (3)

Generalist Social Work Practice with Individuals

This course is designed to teach students about methods of generalist social work practice at the micro level, with individuals.

Prerequisite: SWRK 6200 or concurrent. Graduate standing.

SWRK 6102 (3)

Generalist Social Work Practice with Families and Groups

This course is designed to teach students about methods of generalist social work practice at the mezzo level, with families and small groups.

Prerequisite: SWRK 6200 and 6201[^]. ([^] may be taken concurrently).

SWRK 6103 (3)

Generalist Social Work Practice with Organizations and Communities

This course is designed to teach students about methods of generalist social work practice at the macro level, with organizations and communities.

Prerequisite: SWRK 6201 or concurrent.

SWRK 6200 (3)

Human Behavior in the Social Environment I

This course is designed to teach MSW students about human development from birth to death, including physical, cognitive, and social aspects. The course will focus especially on aspects of development that have implications for social work practice.

Prerequisite: Admission to the MSW program.

- SWRK 6201** (3)
Human Behavior in the Social Environment II
 This course is designed to teach MSW students about family, group, and community influences on the behavior of individuals.
Prerequisite: Admission to the MSW program.
- SWRK 6300** (3)
Social Work Research I
 This course is designed to introduce MSW students to the principles of practice evaluation and "evidence-based practice."
Prerequisite: Admission to the MSW program.
- SWRK 6500** (3)
Social Welfare Policy I
 This course is designed to introduce MSW students to the field of social welfare policy. And to specific policy issues and programs in the United States and abroad.
Prerequisite: Admission to the MSW program.
- SWRK 6510** (3)
Legal and Ethical Issues in Social Work
 Consideration of current laws/legal decision affecting the practice of social work. Application of ethical principles to practice dilemmas.
Prerequisite: Admission to the MSW program.
- SWRK 6900** (3)
Graduate Practicum I
 This course is designed to give students the opportunity to put social work values, skills, and knowledge into practice through supervised work in a social services agency/
Prerequisite: SWRK 6100, 6102, 6103 or concurrent.
- SWRK 6901** (3)
Graduate Practicum II
 This is the second semester of practicum for students in the MSW program. This course is designed to give students the continuing opportunity to put social work values, skills, and knowledge into practice through supervised work in a social services agency.
Prerequisite: SWRK 6900.
- SWRK 6990** (1 to 3)
Nonpaid Internship
- SWRK 6991** (1 to 3)
Paid Internship
- SWRK 6997** (1 to 3)
Directed Readings in Social Work
 Directed individualized readings.
- SWRK 7100** (3)
Culture and Diversity in Advanced Generalist Practice
 Social Work approaches to meet the needs of special and diverse population. Students will also study the elements of "cultural competence" as defined by the National Association of Social Workers.
Prerequisite: SWRK 6100, 6102, 6103, 6200, 6201, 6900, and 6901; or SWRK 6050. Graduate standing.
- SWRK 7101** (3)
Advanced Practice with Diverse Individuals
 Introduction to counseling knowledge, ethics, and skills appropriate for multicultural advanced social work practice.
Prerequisite: SWRK 6100, 6102, and 6200; SWRK 6050 or 7100. (^ may be taken concurrently).
- SWRK 7102** (3)
Advanced Practice with Diverse Families and Groups
 Introduction to the challenges of administering social agencies, with special attention to nonprofits serving diverse clients. Included is material on management theory, human resources, use of data, and finances.
Prerequisite: SWRK 6100, 6102, and 6200; SWRK 7100 or concurrent.
- SWRK 7103** (3)
Advanced Practice with Diverse Organizations and Communities
 Knowledge, ethics, and skills for culturally competent advanced social work practice with organizations and communities.
Prerequisite: SWRK 7100.
- SWRK 7300** (3)
Social Work Research II
 Research methods applied to knowledge generation in social work.
Prerequisite: SWRK 6050 or 6300.
- SWRK 7350** (3)
Integrative Seminar in Advanced Generalist Practice
 A capstone course in which MSW candidates synthesize their work and research relating to social work practice with a cultural group and create a paper suitable for publication.
Prerequisite: SWRK 6300 and 7300. (^ may be taken concurrently).
- SWRK 7500** (3)
Social Welfare Policy and Services II
 A continuation of SWRK 6500, this course focuses on policy analysis. Special emphasis is placed on public policies affecting diverse clients/client groups, and on the role of the social worker as a public policy change agent.
Prerequisite: SWRK 6050 or 6500.
- SWRK 7900** (3)
Graduate Practicum III
 Supervised work in a community social agency with special focus on a cultural group.
Prerequisite: SWRK 6050 or 6901.
- SWRK 7901** (3)
Graduate Practicum IV
 Continuation of supervised work in a community social agency with special focus on a cultural group.
Prerequisite: SWRK 7900.

THEA – Theater**THEA 1000 (3)****Introduction to Theater**

A comprehensive survey course of all aspects of theater including plays, playwrights from significant eras in Western and Eastern drama, the changing roles of theatre in society, the importance and role of the audience, and the collaborative process involved in transforming the play into a staged production.

THEA 1400 (3)**Introduction to Technical Theater**

Students analyze and participate in the process of converting a play into a performance. Theoretical and practical examinations of all elements of stage production are explored and will be applied to the current HPU stage productions. Students are exposed to the basics of script analysis, directing, set and prop design, lighting design, sound design, costume design, acting, and stage managing.

THEA 2000 (1 to 2)**Theater Laboratory**

Students earn one or two credits by participating in one or more aspects of the current stage production which includes acting (only if they audition and are cast), production crew members, box office, publicity, lighting, costumes, props, etc. To earn two credits, a student must put in a minimum of 30 hours. To earn one credit, a student must put in a minimum of 15 hours.

THEA 2320 (3)**Acting I: Basic Acting for Stage & Screen**

A course that explores the theory and techniques of acting, with special focus on freeing the imagination and strengthening concentration and observation. This is done through theater games and exercises, pantomimes, improvisation, short dialogue scenes, and monologues.

THEA 3420 (3)**Acting II: Fundamentals of Scene Study**

Students apply basic acting techniques to scenes from plays, focusing on character objectives, character relationships, and exploration of the written text.

Prerequisite: THEA 2320 or consent of instructor.

THEA 3500 (3)**Applied Technical Theater**

A continuation of production work on current HPU theater offering with increased responsibilities to the overall production.

Prerequisite: THEA 1400.

THEA 3520 (3)**Acting III: Intermediate Scene Study**

Students continue to act in monologues and scenes from plays, with concentration on character development and subtext.

Prerequisite: THEA 3420.

THEA 3600 (3)**Advanced Technical Theater**

Advanced training in theater production, preparing

students form employment in theater marketing, theater management, and theater production.

Prerequisite: THEA 3500.

THEA 3620 (3)**Directing**

Understanding and discovering theater from the director's point of view, exploring the director's approach of the written text, production concepts, casting, rehearsal process, and the entire creative environment that leads to performance. Practical application of the theories and techniques are done through students directing actors in scenes from plays. Repeatable for a total of 6 credits.

Prerequisite: THEA 3420 or 3500 or consent of instructor.

THEA 4520 (3)**Acting IV: Advanced Acting**

This is an advanced acting course that focuses in depth on character development, character relationships, subtext, script exploration and on theatrical acting styles prior to the 20th century. This will be done through exercises, monologues, scenes, and improvisations. Repeatable for a total of 6 credits.

Prerequisite: THEA 3520.

THEA 4900 (3)**Seminar in Theater**

Students complete a series of projects in theater, which will enrich their professional portfolio. A major project may include a creation and production of a play, implementing their skills and knowledge from acting, production, and directing courses. The student also designs and constructs a professional portfolio.

Prerequisite: THEA 3600, 3620, or 4520.

THEA 4950 (3)**Theater Performance**

This course is for students interested in being involved in the production of a play to be directed by the instructor and to be presented before an audience. The play chosen, created, or developed will depend on the interest and areas of focus of the students in the class. Students who repeat the course will have added responsibilities in the production aspect of the performance.

Prerequisite: Any introductory theater course or consent of instructor.

TIM – Travel Industry Management**TIM 1010 (3)****Introduction Hotel and Travel Industry**

An integrated view of the evolution of the hospitality/tourism industry and its various components. The course focuses on the interdependence of hotel/resorts, tour operators, travel agencies, attractions, and transportation modes. The political, social, and economic implications of tourism are also addressed.

TIM 2010 (3)**Applied Methods in the Hotel and Travel Industry**

This course focuses on the application of basic concepts and theories to help solve real business challenges facing today's tourism industry. The course covers quantitative

and qualitative methods in the hotel, airline, and food and beverage sectors. Industry exposure is heavily emphasized. Goal issues and industry trends are also analyzed and evaluated.

Prerequisite: TIM 1010.

TIM 3110 (3)

Hotel and Resort Management

A study of the organizational structure and operation of hotels and their various departments. Emphasis is on management concepts and the decision-making process. The course has an international orientation, taking into account variations in human and material resources.

Prerequisite: TIM 1010; *Any Com Skills A Course.*

TIM 3210 (3)

Food and Beverage Management

An analysis of the principal operating problems and procedures as they relate to the various types of food and beverage operations ranging from fast food to gourmet facilities. Factors to be addressed include: delivery systems, cost controls, menu planning, inventory analysis, ethnic cuisine and service, and sanitation standards.

Prerequisite: TIM 1010; *Any Com Skills A Course.*

TIM 3220 (3)

Special Events Management

A course that focuses both on the theory and practice of management skills that a special events planner should possess. Assisted by the instructor and guest speakers, students have the opportunity to apply their knowledge in a real world situation. This course presents a systemic method of planning, organizing, monitoring, adjusting, and evaluating activities to achieve the objectives. A comprehensive business plan will be developed during the course.

Prerequisite: A grade of C- or higher in any R&E A course.

TIM 3400 (3)

Resort Planning and Design

This course focuses on the planning, design, and development of tourism resorts. The material covered includes different resort types, the history of resorts, resort markets and market analysis, feasibility analysis and financing, land use planning and product design, operations and management, and trends and outlook.

Prerequisite: TIM 2010.

TIM 3510 (3)

Travel Agency Management

A comprehensive course emphasizing the technical and administrative procedures of managing a travel agency. The course addresses procedures such as ticketing, accounting, sales promotion, creative tour packaging, and pertinent computer applications.

Prerequisite: MGMT 3100 and TIM 1010.

TIM 3535 (3)

Psychology of Tourism and Travel

Refer to PSYCH 3150.

Prerequisite: PSY 1000 or TIM 1010; A grade of C- or

higher in any R&E A course.

TIM 3580 (3)

Cultural Values and Hotel Management

A course that addresses the impact of tourism on native cultures and communities. Case studies are used to examine the role of management, particularly the principles and techniques of hotel and resort management. An analysis of the relationship between tourism and native cultures is the main focus of this course.

Prerequisite: MGMT 3100 and TIM 1010.

TIM 3610 (3)

Travel Industry Marketing

A course that focuses on the resources and variables available in developing a successful marketing strategy in the travel industry: i.e., market research, advertising and promotion, sales techniques, and public relations. The travel industry distribution network and the integrated marketing efforts of the various components of the hotel and travel industry are also addressed.

Prerequisite: MKTG 3000 and TIM 1010.

TIM 3645 (3)

Human Resource Management in Travel Industry Management

An overview and survey of human resource management and personnel administration. Course topics include: selection, staffing, remuneration, labor relations, and training and development of human resources in organizational environments such as business, government and not-for-profit agencies.

Prerequisite: LAW 3000, MGMT 3100, and TIM 1010; COOP 2990, TIM 3990, or TIM 3991.

TIM 3990 (1 to 3)

Nonpaid Internship

See Internship Section.

TIM 3991 (1 to 3)

Paid Internship

See Internship Section.

TIM 4110 (3)

Hotel Rooms Management

An integrated, in-depth overview of a hotel's front office, also known as the rooms division/department. Topics covered include: the organizational structure of different types and sizes of hotels; the inter/intra relationship of hotel departments; the relationship between the rooms division and external parties; the goal of meeting customer expectations; and operational and profitability concerns.

Prerequisite: CSCI 3201 and TIM 3110; COOP 2990, TIM 3990, or TIM 3991.

TIM 4210 (3)

Advanced Food and Beverage

This advanced course covers the study of Classical Food and Beverage and provides an investigative look into the history of food and beverage in ethnic cuisines around the world, as well as the customs and practices associated with them. Students develop an awareness of issues confronting the food professional, in particular those relating to quality food and beverage.

Prerequisite: TIM 3210; COOP 2990, TIM 3990, or TIM 3991.

TIM 4310 (3)
Passenger Transport Management

A survey of surface (rail and highway), passenger ship, and air transportation. This course covers organization, operations, and regulatory and marketing aspects. The intermodal concept is examined as well as the social, economic, and political factors that have influenced government transportation priorities.

Prerequisite: CSCI 3201 and TIM 3610; GEOG 2000 or 2600; TIM 3110 or 3210; and COOP 2990, 3990, 3991, TIM 3990, or 3991.

TIM 4410 (3)
Destination Development and Marketing

A course that focuses on contrasting tourism development from a micro- and macro-prospective. This includes infrastructure analysis and the role and interaction of the public and private sectors. The role and promotional efforts of local, state, and national tourism organizations are also addressed.

Prerequisite: CSCI 3201; TIM 3110 and 3610; GEOG 2000 or 2600; and COOP 2990, 3990, 3991, TIM 3990, or 3991.

TIM 4620 (3)
Travel Industry Financial Analysis and Controls

The study of hospitality industry financial statements and the uniform system of accounts used in hotel departmental operating statements. The course also emphasizes budget planning, forecasting, and other financial data used in the management decision-making process.

Prerequisite: ACCT 2010; CSCI 3201; and COOP 2990, TIM 3990, or TIM 3991.

TIM 4635 (3)
Advanced Business Law: Hotel and Travel

This course examines the legal environment of the hotel and travel industry. Focal points include: innkeeper law, tort, contract agency law, and federal, state, city, and county regulatory agencies as they relate to the travel industry. Issues relating to travel agencies, restaurants, and airlines are also covered.

Prerequisite: TIM 3110 and 3210; COOP 2990, TIM 3990, or TIM 3991.

TIM 4655 (3)
Information Systems Issues in TIM

A course that focuses on the use of Information Systems in the Travel and Hospitality industry. It explores the use of computers to facilitate both the flow and management of information in the industry. The flow and capture of information related to providing travel and hospitality services are studied and discussed. The constant changes in information systems technology and their impact on the channels of distribution are explored. This includes a study of the airline travel information networks (Sabre, Galileo, Amadeus) and the Central Reservation Systems (CRS) of hotel and car rental companies. This course also focuses on the inter-dependence and cross linking of these systems along with the emergence of the Internet as another channel of information flow. In addition, the use of

information from these networks at the local level (hotel, car rental, attraction, restaurant) and the subsequent use and management of information generated as a result of customers receiving services are also discussed.

Prerequisite: CSCI 3201; TIM 3110 and 3610; and COOP 2990, 3990, 3991, TIM 3990, or 3991.

TIM 4692 (3)
Management of Customer Service Organizations

A course that provides an integrated and in depth overview of the management concepts, elements, procedures, and results necessary for service oriented organizations. Management methods are explored with a special emphasis on identifying and understanding the culture of organizations. The focus is on culture and the changes required within the organization's culture to posture the organization to achieve its vision, mission, and goals. A review of the cultures of service organizations, with particular emphasis on the travel and hospitality industry, is conducted to gain insights into the factors that make a service organization successful. Case studies and experiential methods are utilized to develop an appreciation for proactive service delivery systems as the means to achieving customer satisfaction and improved productivity.

Prerequisite: TIM 3110, 3610, 3645, or MGMT 3400; and COOP 2990, TIM 3990, or TIM 3991.

TIM 4997 (1 to 3)
Directed Readings in Travel Industry Management

Directed individualized readings.

TIM 6110 (3)
Seminar in Hotel and Resort Management

A seminar that explores the nature and application of the four basic elements of hotel/resort management: service to the customer; the art of management; sales and marketing; and how to handle business groups.

Prerequisite: Graduate standing.

TIM 6220 (3)
Special Events Management

A course that focuses both on the theory and practice of management skills that a special events planner should possess. Assisted by the instructor and guest speakers, students have the opportunity to apply their knowledge in a real world situation. This course presents a systemic method of planning, organizing, monitoring, adjusting, and evaluating activities to achieve the objectives. A comprehensive business plan will be developed during the course.

Prerequisite: Graduate standing.

TIM 6310 (3)
Issues in Passenger Management

A seminar on comparative transportation modes, networks, and priorities among selected nations of the world. The impact of political factors and economic and social considerations is also addressed. The contribution that each mode of transportation has made toward the development and growth of tourism is discussed.

Prerequisite: Graduate standing.

TIM 6410 (3)
Destination Area Planning

A comprehensive planning approach in evaluating all

perspective touristic attributes in a given area. The following are analyzed: the role and interactions of the public and private sectors; transportation modes and accessibility; and image enhancement and advertising as promotional strategies.

Prerequisite: Graduate standing.

TIM 6635 (3)

Advanced Business Law: Hotel and Travel

This course examines the legal environment of the hotel and travel industry. Focal points include: innkeeper law, tort, contract agency law, and federal, state, city, and county regulatory agencies as they relate to the travel industry. Issues relating to travel agencies, restaurants, and airlines are also covered.

Prerequisite: Graduate standing.

TIM 6655 (3)

Information Systems in Travel Industry Management

A course that focuses on the use of Information Systems in the Travel and Hospitality industry. It explores the use of computers to facilitate both the flow and management of information in the industry. The flow and capture of information related to providing travel and hospitality services are studied and discussed. The constant changes in information systems technology and their impact on the channels of distribution are explored. This includes a study of the airline travel information networks (Sabre, Galileo, Amadeus) and the Central Reservation Systems (CRS) of hotel and car rental companies. This course also focuses on the inter-dependence and cross linking of these systems along with the emergence of the Internet as another channel of information flow. In addition, the use of information from these networks at the local level (hotel, car rental, attraction, restaurant) and the subsequent use and management of information generated as a result of customers receiving services are also discussed.

Prerequisite: MGMT 6050. Graduate standing.

TIM 6692 (3)

Management of Customer Service Organizations

A course that provides an integrated and in depth overview of the management concepts, elements, procedures, and results necessary for service oriented organizations. Management methods are explored with a special emphasis on identifying and understanding the culture of organizations. The focus is on culture and the changes required within the organization's culture to posture the organization to achieve its vision, mission, and goals. A review of the cultures of service organizations, with particular emphasis on the travel and hospitality industry, is conducted to gain insights into the factors that make a service organization successful. Case studies and experiential methods are utilized to develop an appreciation for proactive service delivery systems as the means to achieving customer satisfaction and improved productivity.

Prerequisite: Graduate standing.

TIM 6990 (1 to 3)

Nonpaid Internship

See Internship Section.

Prerequisite: Graduate standing.

TIM 6991 (1 to 3)

Paid Internship

See Internship Section.

Prerequisite: Graduate standing.

TIM 6997 (1 to 3)

Directed Readings in Travel Industry Management

Directed individualized readings.

Prerequisite: Graduate standing.

TIM 7005 (3)

TIM Business Development and Operations

Prerequisite: Graduate standing.

WRI – Writing

WRI 1050 (3)

English Fundamentals

This course prepares students for college-level writing tasks. Provides instruction in paragraph and essay development, as well as in the writing process, including brainstorming, drafting, revising, and editing.

WRI 1100 (3)

Analyzing and Writing Arguments

This course provides instruction and practice in college-level writing tasks, particularly the writing of arguments. Students will develop critical-thinking and writing skills by analyzing and understanding complex texts from different cultures and communities, refine their writing process, develop an awareness of audience and context, and learn to use source material effectively and properly.

Prerequisite: An appropriate score on a placement test; or a grade of C- or better in WRI 1050.

WRI 1101 (1)

Analyzing and Writing Arguments Laboratory

A writing workshop lab to be taken concurrently with any Com Skills A or R&E A course. Provides supplementary instruction and practice in critical reading and analysis and in research, writing, and editing techniques for students needing additional support in these areas of first-year writing courses. May be repeated for credit.

Prerequisite: Concurrent registration in any Com Skills A or R&E A course.

WRI 1150 (3)

Literature and Argument

This course combines an introduction to literature with instruction and practice in college-level writing tasks. WRI 1150 fulfills the Communication Skills A requirement and substitutes for WRI 1100.

Prerequisite: An appropriate score on a placement test.

WRI 1200 (3)
Research, Argument, and Writing

This course continues WRI 1100's focus on argument as the cornerstone of academic writing, emphasizing organization, logical reasoning, and critical thinking. Students prepare a major argumentative research paper by locating and evaluating sources; summarizing, synthesizing, and incorporating them; and attributing ideas to their sources.

Prerequisite: A grade of C- or better in any Com Skills A course.

WRI 1310 (1)
Grammar Workshop

This course offers to members of the university community a systematic review of the essentials of English grammar and style. Appropriate for all writing skill levels from first-year students to those in graduate programs. It teaches syntactical structures, mechanics, editing and proofreading skills.

WRI 2601 (3)
Introduction to Creative Writing

In this course students will analyze and practice fundamental techniques of the major genres of creative writing. Students will study and work in all or most of the following genres: fiction, poetry, drama, and creative nonfiction. For each of the genres covered, students will be expected to produce a draft original work to be workshoped by their peers.

Prerequisite: Any Com Skills A course.

WRI 3310 (3)
Poetry Workshop

An introduction to the study and composition of poetry. As a foundation to the craft of poetry writing, prosody is studied and discussed, and British and American poetry is surveyed. Students submit poems to the class for critique, and they may prepare pieces for the University literary magazine as well as for submission to other magazines.

Prerequisite: WRI 1150, 2601, or any 2000-level ENG or LIT course; or permission of instructor.

WRI 3311 (3)
Childhood and Poetry Workshop

This course is a poetry workshop in which students develop a portfolio of about 25 poems on the subjects of childhood and identity. Students will become familiar with poetry writing techniques and how to teach them, the role of childhood in literature, and a number of well-known poets. Students will also become familiar with Romantic and other trends in poetry, and will apply techniques learned to their own poetry writing.

Prerequisite: WRI 1150, 2601, or any 2000-level ENG or LIT course; or permission of instructor.

WRI 3313 (3)
The Sacred and the Erotic in Lyric Poetry

This is an upper-division poetry writing class that will blend creative writing with an investigation of a variety of selected sacred and erotic texts, both ancient and modern. Students will work seminar fashion, examining both required poetry collections and theoretical texts in addition to producing their own lyrics for workshop discussion.

Prerequisite: WRI 1150, 2601, or any 2000-level ENG or LIT course; or permission of instructor.

WRI 3320 (3)
Scriptwriting

A course that teaches students the fundamental principles of writing for both the stage and screen including basic drama and film theory and proper script formats. Students analyze texts and view scenes from plays and films and perform a series of exercises in dialogue, character development, segment development, spectacle and mise-en-scene, stage and film conventions, tragedy and comedy structure, and other archetypal plot formulae. Students will write a short script for the stage or screen that demonstrates a practiced understanding of these elements.

Prerequisite: WRI 1150, 2601, or any introductory ENG or LIT course; or permission of instructor.

WRI 3330 (3)
Fiction Writing

A workshop designed to introduce the student of fiction to techniques and concepts such as characterization, plotting, point of view, theme, setting, and tone. The focus of the course is on writing the short story, although other fictional forms may be explored. Markets for fiction and preparing manuscripts for submission are also discussed. Enrollment is limited to 15 students.

Prerequisite: WRI 1150, 2601, or any introductory ENG or LIT course; or permission of instructor.

WRI 3340 (3)
Creative Nonfiction Writing Workshop

WRI 3340 is a creative writing workshop focusing on how to apply literary techniques to nonfiction writing. The class is conducted in workshop format, with students revising their essays in response to feedback. Students also analyze the techniques of professional creative nonfiction, keep a reflective journal, and prepare a portfolio.

Prerequisite: WRI 1150, 2601, or any 2000-level ENG or LIT course; or permission of instructor.

WRI 3390 (3)
Literary Magazine

A course in the study and practice of the editing techniques used to produce Hawaii'i Pacific University's literary magazine, the *Hawaii'i Pacific Review*. Skills in critical reading, synthesis, editing, word processing, layout, and product design are developed. The course may be repeated for credit up to a total of 6 semester hours. Enrollment is limited to five students.

Prerequisite: A grade of C- or higher in any R&E A course; WRI 1150 or any 2000-level ENG or LIT course; or permission of instructor.

WRI 3391 (3)
Wanderlust: Student Literary Magazine

In this class, students serve as editors for *Wanderlust*: the student literary magazine of Hawaii'i Pacific University. In addition, students polish their own creative writing skills in order to produce publishable poetry, prose, or drama.

Prerequisite: WRI 1150, 2601, or any 2000-level ENG or LIT course; or permission of instructor.

WRI 3510 (3 or 4)**Composition Studies**

This course combines the study of composition theory with practical classroom experience. Topics of discussion, among others, include conferencing techniques, assignment and test composition, revision and editing strategies, writing-process theory, voice and style, and class dynamics. Students follow the progress of their own students in writing labs, present oral reports, and write a short research paper.

Prerequisite: A grade of C- or higher in any R&E A course and permission of instructor.

WRI 3950 (3)**Professions in Writing Practicum**

This class includes practical experience at either a commercial or non-profit site where substantial writing is being done. Students will be introduced to the epistemology, history, and politics of writing, as well as to the changing role of writing in contemporary cultures.

Prerequisite: A grade of C- or higher in any R&E A course.

WRI 3990 (1 to 3)**Nonpaid Internship**

See Internship Section.

WRI 3991 (1 to 3)**Paid Internship**

See Internship Section.

WRI 4990 (3)**Professional Writing Portfolio Seminar**

The capstone course for the Writing Minor, WRI 4990 is designed to serve students with a range of experiences in a variety of academic disciplines. Students will develop an understanding of the discourse within which their academic or professional writing is being interpreted and evaluated, and will synthesize a collection of writing into a coherent, compelling portfolio that they may successfully carry forward to their professional or graduate school careers.

Prerequisite: Three 3000-level writing courses; or permission of instructor.

WRI 4997 (1 to 3)**Directed Reading in Writing**

Directed individualized reading.



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LARRY ZIMMERMAN, Ph.D.

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Assistant Professor of Organizational Change

University Academic Calendar 2011-2013

FALL SEMESTER 2011 (September 6, 2011 - December 18, 2011)

Registration Period.....	March 28 - September 3
Holiday (Labor Day).....	September 5
Instruction Begins.....	September 6
Last Day to Register for Classes.....	September 16
Last Day to Drop Classes Without W Grade.....	September 30
Last Day to Drop Classes.....	November 10
Holiday (Veterans' Day).....	November 11
Holiday (Thanksgiving Weekend).....	November 24 - November 27
Holiday (Thanksgiving - Staff).....	November 24 - November 25
Last Day of Class.....	December 11
Final Exam Period.....	December 12 - December 18
Term Ends.....	December 18
Fall Graduation Ceremony.....	December 19 (tentative)

WINTER SESSION 2011 (December 19, 2011 - January 21, 2012)

Registration Period.....	October 28 - December 16
Instruction Begins.....	December 19
Last Day to Register for Classes.....	December 21
Holiday (Christmas).....	December 23 - December 26
Last Day to Drop Classes Without W Grade.....	December 27
Holiday (New Year's - observed).....	January 2, 2012
Last Day to Drop Classes.....	January 6
Holiday (Martin Luther King, Jr. Day).....	January 16
Term Ends.....	January 21

SPRING SEMESTER 2012 (January 23, 2012 - May 13, 2012)

Registration Period.....	October 28 - January 22
Instruction Begins.....	January 23
Last Day to Register for Classes.....	February 2
Last Day to Drop Classes Without W Grade.....	February 17
Holiday (Presidents' Day).....	February 20
Spring Break.....	March 26 - April 1
Holiday (Kuhio Day - Staff).....	March 26
Holiday (Spring Break - Staff).....	March 27
Last Day to Drop Classes.....	April 5
Holiday (Good Friday).....	April 6
Last Day of Class.....	May 6
Final Exam Period.....	May 7 - May 13
Term Ends.....	May 13
Spring Graduation Ceremony.....	May 16 (tentative)

SUMMER SESSION I 2012 (May 14, 2012 - June 29, 2012)

Registration Period.....	March 26 - May 11
Instruction Begins.....	May 14
Last Day to Register for Classes.....	May 18
Last Day to Drop Classes Without W Grade.....	May 25
Holiday (Memorial Day).....	May 28
Last Day to Drop Classes.....	June 8

Holiday (Kamehameha Day)	June 11
Term Ends	June 29

SUMMER SESSION II 2012 (June 4, 2012 - August 22, 2012)

Registration Period.....	March 26 - June 1
Instruction Begins	June 4
Last Day to Register for Classes	June 8
Holiday (Kamehameha Day)	June 11
Last Day to Drop Classes Without W Grade	June 22
Holiday (Independence Day)	July 4
Last Day to Drop Classes	July 20
Term Ends	August 22

SUMMER SESSION III 2012 (July 2, 2012 - August 22, 2012)

Registration Period.....	March 26 - June 29
Instruction Begins	July 2
Holiday (Independence Day)	July 4
Last Day to Register for Classes	July 9
Last Day to Drop Classes Without W Grade	July 16
Last Day to Drop Classes	July 27
Term Ends	August 22

FALL SEMESTER 2012 (September 4, 2012 - December 16, 2012)

Registration Period.....	March 26 - September 3
Holiday (Labor Day)	September 3
Instruction Begins	September 4
Last Day to Register for Classes	September 14
Last Day to Drop Classes Without W Grade	September 28
Last Day to Drop Classes	November 9
Holiday (Veterans' Day - observed).....	November 12
Holiday (Thanksgiving Weekend)	November 22 - November 25
Holiday (Thanksgiving - Staff).....	November 22 - November 23
Last Day of Class	December 9
Final Exam Period.....	December 10 - December 16
Term Ends	December 16
Fall Graduation Ceremony.....	December 17 (tentative)

WINTER SESSION 2012 (December 17, 2012 - January 19, 2013)

Registration Period.....	October 26 - December 14
Instruction Begins	December 17
Last Day to Register for Classes	December 19
Holiday (Christmas).....	December 24, 2012 - December 25
Last Day to Drop Classes Without W Grade	December 26
Holiday (New Year's)	January 1, 2013
Last Day to Drop Classes	January 11
Term Ends	January 19

SPRING SEMESTER 2013 (January 22, 2013 - May 12, 2013)

Registration Period.....	October 26 - January 21
Holiday (Martin Luther King, Jr. Day)	January 21
Instruction Begins	January 22
Last Day to Register for Classes	February 1
Last Day to Drop Classes Without W Grade	February 15

Holiday (Presidents' Day).....	February 18
Spring Break	March 25 - March 31
Holiday (Spring Break - Staff).....	March 25
Holiday (Kuhio Day - Staff).....	March 26
Holiday (Good Friday - Staff).....	March 29
Last Day to Drop Classes.....	April 5
Last Day of Class.....	May 5
Final Exam Period.....	May 6 - May 12
Term Ends.....	May 12
Spring Graduation Ceremony.....	May 15 (tentative)

SUMMER SESSION I 2013 (May 13, 2013 - June 28, 2013)

Registration Period.....	March 25 - May 10
Instruction Begins	May 13
Last Day to Register for Classes.....	May 17
Last Day to Drop Classes Without W Grade.....	May 24
Holiday (Memorial Day).....	May 27
Last Day to Drop Classes.....	June 10
Holiday (Kamehameha Day)	June 11
Term Ends.....	June 28

SUMMER SESSION 2013 (June 3, 2013 - August 21, 2013)

Registration Period.....	March 25 - May 31
Instruction Begins	June 3
Last Day to Register for Classes.....	June 7
Holiday (Kamehameha Day)	June 11
Last Day to Drop Classes Without W Grade.....	June 21
Holiday (Independence Day).....	July 4
Last Day to Drop Classes.....	July 19
Term Ends.....	August 21

SUMMER SESSION III 2013 (July 1, 2013 - August 21, 2013)

Registration Period.....	March 25, 2013 - June 28
Instruction Begins	July 1
Holiday (Independence Day).....	July 4
Last Day to Register for Classes.....	July 8
Last Day to Drop Classes Without W Grade.....	July 15
Last Day to Drop Classes.....	July 26
Term Ends.....	August 21

FALL SEMESTER 2013 (September 3, 2013 - December 15, 2013)

Registration Period.....	March 25 - September 2
Holiday (Labor Day).....	September 2
Instruction Begins	September 3
Last Day to Register for Classes.....	September 13
Last Day to Drop Classes Without W Grade.....	September 27
Last Day to Drop Classes.....	November 8
Holiday (Veterans' Day).....	November 11
Holiday (Thanksgiving Weekend).....	November 28 - December 1
Holiday (Thanksgiving - Staff).....	November 28 - November 29
Last Day of Class.....	December 8
Final Exam Period.....	December 9 - December 15

Term Ends December 15
Fall Graduation Ceremony..... December 16 (tentative)

WINTER SESSION 2013 (December 16, 2013 - January 18, 2014)

Registration Period.....October 25 - December 13
Instruction Begins December 16
Last Day to Register for Classes..... December 18
Last Day to Drop Classes Without W Grade December 23
Holiday (Christmas)..... December 25 - December 26
Holiday (New Year's) January 1, 2014
Last Day to Drop Classes..... January 11
Term Ends January 18

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Hawai'i Pacific University - Downtown Campus

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UB-1164 Bishop Street

1st Floor

Academic Advising Center
Counseling and Behavioral
Health Sciences

2nd Floor

Admissions
Financial Aid
Military Campus Programs
Student Affairs

Registrar

Scholarships Office

8th Floor

Academic Affairs
Administrative Offices
Faculty Assembly
Alumni and University Relations
Military Campus Programs
Office of the President

9th Floor

Center for Graduate and Adult

Services

- Graduate Admissions
- Graduate Advising
- Graduate Registrar

Information Technology Services

Military Veteran's Center

11th Floor

Enrollment Management
International Center

• International Admissions

• International Student Services

Student Academic Services

12th Floor

Business Office

15th Floor

Institutional Research &

Academic Support

Transfer Services

LB-1060 Bishop Street

Basement

Printshop

Graphic Arts Department

2nd-6th Floors

Athletic Department (4th)

Center for Academic Success

(6th)

Meader Library (2nd-5th)

Sports Information (4th)

University Scholars Program

(6th)

Penthouse

Music Department

Warmer Auditorium

MP-1188 Fort Street

1st Floor

Commuter Services

ELS Language Center

First Year Programs

Student Government

Student Life

Student Club Meeting Room

2nd Floor

School of Social Work

Mezzanine

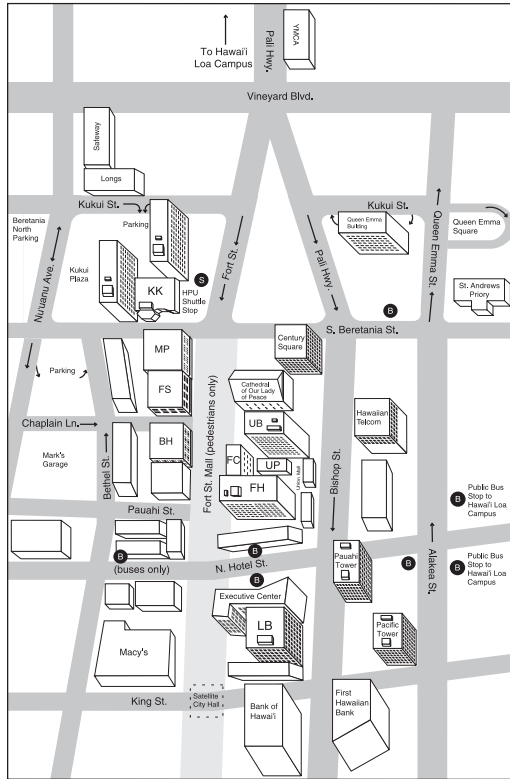
School of Education

4th Floor

Center for Distance Education

Faculty Support Center

Teaching and Learning Center



FC-1132 Bishop Street

1st Floor - Frear Center

Communication Video Lab
Hardware and Telecom Lab
Information Systems Lab
Multimedia Production Studio
Software Engineering Lab

FH-1132 Bishop Street

Lower Lobby

Downtown Bookstore

3rd Floor

Office of the Chief Financial

Officer

Human Resources Office

Payroll Department

5th Floor

Career Services Center

College of Business

Administration

UP-Union Mall Plaza

2nd Floor

Administrative Support

Operations

Advertising

Commencement

Media Relations

FS-1166 Fort Street

1st Floor

Computer Center
Facilities/Maintenance/
Repair Office

2nd Floor

College of Humanities and
Social Sciences
University Chaplain

BH-Historic Blaisdell Hotel

1st Floor

Sea Warrior Center

2nd Floor

Athletics Training Room

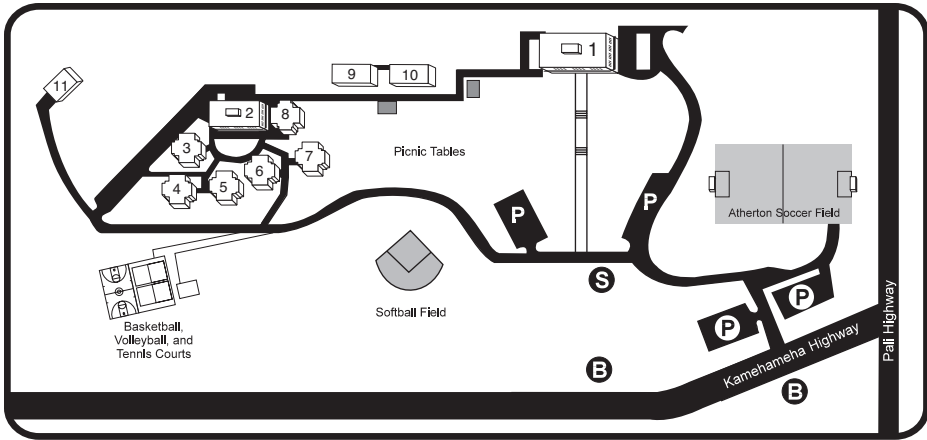
3rd Floor

Kalamalama Student Newspaper

Mail Processing and Distribution

Center

Hawai‘i Pacific University - Windward Hawai‘i Loa Campus



AMOS STARR AND JULIETTE MONTAGUE COOKE MEMORIAL ACADEMIC CENTER (1)

- 1st Floor -
 Academic Advisors
 Art Gallery
 Bookstore/Mailroom
 Classroom
 Faculty Offices
 President’s Office
 Special Events Coordinator
 Student Lounge
 Teaching and Research Labs

- 2nd Floor -
 Classrooms
 Faculty Offices
 Faculty Research Lab
 College of Natural and Computational Sciences
 College of Nursing and Health Sciences
 Science Labs

- 3rd Floor
 Atherton Library
 Educational Technology Center
 Faculty Offices
 Nursing Labs
 Paul and Vi Loo Theatre

- S** HPU Shuttle Bus Stop
- B** Public Bus Stop
- P** Parking

SAMUEL N. AND MARY CASTLE MEMORIAL DINING COMMONS (2)

- Dining Hall
- Intramural Athletics
- Snack Bar
- Student Center
- Fitness Center

RESIDENCE HALLS (3 - 8)

- Melia (3) - Security Coordinator
- Mokihana (4)
- ‘Ilima (5)
- Kukui (6)
- Lokelani (7)
- Lehua (8)

RESIDENCE LIFE ANNEX (9)

- Residence Life Staff

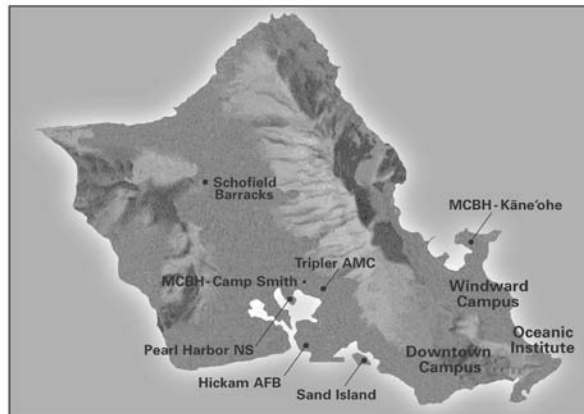
NURSING ANNEX (10)

- Nursing Faculty
- Nursing Lab

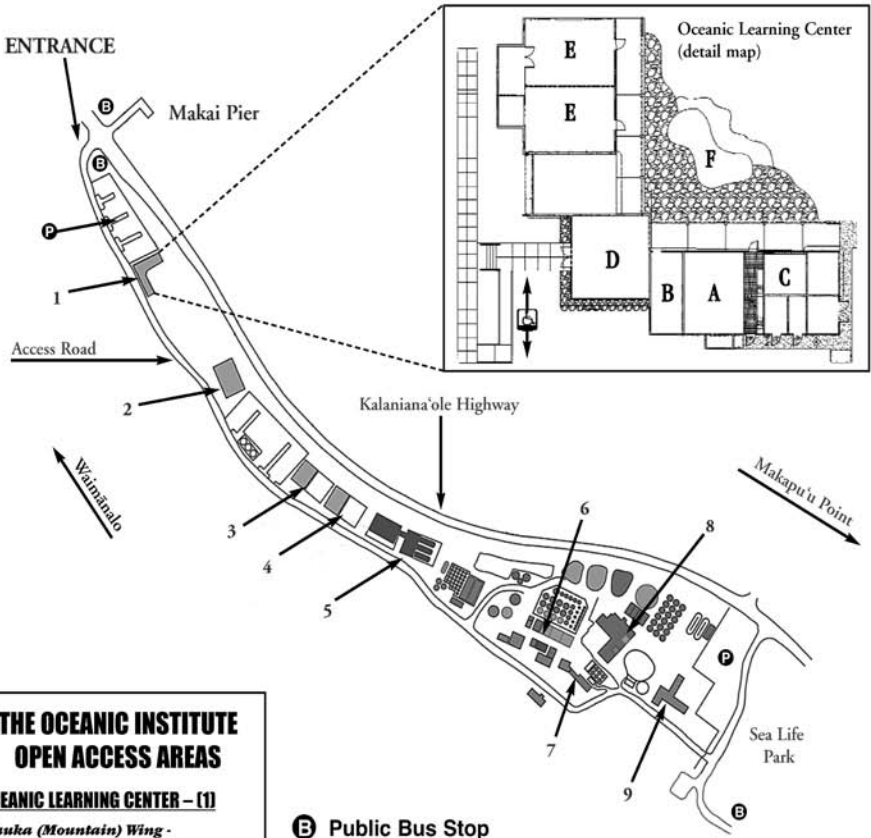
MAINTENANCE BUILDING (11)

- Director, Physical Plant
- Assoc. Director, Security & Safety
- Maintenance
- Transportation
- Roads and Grounds

Island of O‘ahu HPU Campus Locations



Hawai'i Pacific University - Oceanic Institute



**THE OCEANIC INSTITUTE
OPEN ACCESS AREAS**

OCEANIC LEARNING CENTER – (1)

Mauka (Mountain) Wing -

- A – Classroom and Wet Lab
- B – Media Lab
- C – OLC Office
- D – Visitor Lobby

Makai (Ocean) Wing -

- E – Training/Seminar Rooms
- F – Marine-Life Viewing Pond Courtyard

**OCEANIC INSTITUTE ADMINISTRATIVE
OFFICE BUILDING – (9)**

Important Biosecurity Protocols:

- HPU Students report to the Oceanic Learning Center
- Visitors must check in at the Administrative Office
- All other areas are restricted

- B** Public Bus Stop
- P** Parking

THE OCEANIC INSTITUTE – RESTRICTED ACCESS AREAS

ENVIRONMENTAL AND MARINE SCIENCE BUILDING – (2) Restricted Access – Active Research

MARINE FINFISH HATCHERY – (3) Restricted Access – Active Research

AQUATIC FEEDS RESEARCH MODULE – (4) Restricted Access – Active Research

NUCLEUS BREEDING CENTER FOR MARINE SHRIMP – (5) Restricted Access – Active Research

PHOTOPERIOD AREA – (6) Restricted Access – Active Research

BRITTINGHAM BUILDING – (7) Restricted Access – Active Research

DOHERTY BUILDING – (8) Restricted Access – Active Research

Addendum I

Effective: October 29, 2012
Section: Minor Course of Study
Page: 35, 240

Existing Policy:

At least four courses in the minor field must be taken in addition to coursework in the major.

New Policy

At least twelve semester credits unique to each minor, must be taken in addition to coursework in the major.

Addendum II

Effective: November 2, 2012
 Section: Academic Probation and Suspension (Academic Standing)
 Page: 43-44

Existing Policy:

ACADEMIC PROBATION AND SUSPENSION (ACADEMIC STANDING)

Undergraduate students must maintain the minimum GPAs listed below to remain in good academic standing. After attempting more than 12 credits a student not meeting the minimum requirements will be placed on probation. The number of credit hours attempted and the corresponding GPA are as follows:

Semester Hours of Credits Attempted	Minimum Cumulative GPA Required
12-30	1.6
31-60	1.8
over 60	2.0

Students enrolled in part time or accelerated terms will be evaluated after 15 semester hours have been attempted rather than on the basis of “full-time” enrollment.

While on probation, a student must schedule periodic meetings with an academic advisor who will work with the student and monitor the student’s progress. A student on probation is restricted to taking 12 semester credit hours during a regular term (spring and fall). A student on probation for the second consecutive semester — or after completion of 12 semester hours subsequent to being placed on probation for the first-time — may be suspended from the University. Suspended students are not normally readmitted to the University. However, students may submit a petition requesting reinstatement to an academic advisor beginning six months from the time of suspension. The Executive Director for Student Academic Services will then forward this request to the Vice President for Academic Affairs. To be considered for reinstatement, students must show that they have the ability and motivation to return to Hawai‘i Pacific University and resume their academic studies. Such petitions are considered on a case-by-case basis.

New Policy

ACADEMIC PROBATION, SUSPENSION, AND DISMISSAL

Undergraduate students must maintain the minimum GPAs listed below to remain in good academic standing. After attempting more than 12 semester credits a student not meeting the minimum requirements will be placed on academic probation. The number of credit hours attempted and the corresponding GPA are as follows:

Semester Hours of Credits Attempted	Minimum Cumulative GPA Required
12-60	1.8
over 60	2.0

Students enrolled in part time or accelerated terms will be evaluated after 15 semester hours have been attempted rather than on the basis of “full-time” enrollment.

While on probation, a student must schedule periodic meetings with an academic advisor who will work with the student and monitor the student’s progress. A student on probation is recommended to enroll in 12 semester credit hours during a regular term (spring and fall). Students enrolled in accelerated terms are recommended to enroll in 9 semester hours. Students will be placed on probation when their cumulative GPA falls below the GPA listed above for the cumulative credits attempted at the end of a regular term. For students entering HPU at the start of an academic year, this would be the end of the Fall term. Student

would have to follow the restrictions listed above. Should a student not raise their GPA to the accepted level for their academic standing, they will be subject to suspension at the end of a Spring term. Students whose first term of probation is at the end of a Spring term would be placed on continued probation at the end of the subsequent Fall term and should they not raise their GPA, and will be subject to suspension the following Spring. Students enrolled in a major with a higher GPA requirement than the standard listed above, will need to abide by that major's higher standard.

Suspended students who have successfully appealed their suspension will be placed on continued probation status for one term only. Suspension appeals are a formalized process initiated by the student. The suspension appeal process is a one time program, and students approved to return will remain on continued probation for the term in which they return. All suspension appeal approvals are subject to the approval of the Vice President for Academic Affairs or their designate. Should a student fail to raise their GPA after their suspension has been lifted, they will be subject to dismissal, which is final.

Addendum III

Effective: November 2, 2012

Section: Academic Probation and Suspension

Page: 308

Existing Policy:

Ordinarily, suspended students are not readmitted to the University. However, after remaining disenrolled for at least six calendar months, students may petition the Center for Graduate and Adult Services requesting reinstatement. The Center for Graduate and Adult Services will coordinate with the Vice-President of Academic Affairs concerning the student's request and provide a reply. To be considered for reinstatement, students must show that they have the ability and motivation to return to Hawai'i Pacific University and resume graduate studies.

New Policy:

Suspension appeals are a formalized process initiated by the student. Suspended students who have successfully appealed their suspension will be placed on continued probation status for one term only. Formal appeals for suspension are submitted to the Associate Vice President of Student Affairs. The suspension appeal process is a one time program, and students approved to return will remain on continued probation for the term in which they return. All suspension appeal approvals are subject to the approval of the Vice President for Academic Affairs or their designate. Should a student fail to raise their GPA after their suspension has been lifted, they will be subject to dismissal, which is final.
