



**2017 – 2018  
HAWAI‘I PACIFIC  
UNIVERSITY  
ACADEMIC  
CATALOG**



# PRESIDENT'S MESSAGE



Aloha, and welcome to Hawai'i Pacific University.

Founded in 1965, Hawai'i Pacific University is an international learning community set in the rich cultural context of Hawai'i, where student from all 50 U.S. states and 65 countries join us for a unique educational experience at the crossroads of the Pacific.

Today, we are the state's largest private, non-profit university with a student population of more than 5,000 undergraduate and graduate students. HPU prides itself on maintaining strong academic programs, small class sizes, personalized attention for students, and a diverse faculty and student population. Indeed, HPU is widely considered one of the most culturally diverse universities in the country.

We offer more than 34 acclaimed undergraduate programs and 17 distinguished graduate programs, and our faculty include approximately 560 full-time and part-time instructors with outstanding academic and business credentials. 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.

Perhaps most importantly, HPU is a community that cares. Our faculty care about teaching, mentoring, and contributing to society through their cutting-edge research and scholarly activities. Our students care about making a difference in the world and the importance of giving back to their communities. And our alumni are proud of and deeply care about their alma mater. We are one university, one community, one 'ohana united to make HPU a leader in innovative higher education. Our community is what truly sets us apart.

I hope you will share our excitement about Hawai'i Pacific University, what we do, and what you will do as you become an integral part of our remarkable community. Join us as we bring life to the Hawaiian saying, *Pupukahi I Holomua*: Unite to Move Forward.

John Y. Gotanda  
President, Hawai'i Pacific University

## 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 website, 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, can be found at:

[www.hpu.edu/About\\_HPU/3-Student\\_Right-to-Know\\_Information.html](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: [www.hpu.edu](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 institutional levels. All student performance data are aggregated and confidential. If you have questions or concerns about program assessment of learning, please contact:

Institutional Research  
Hawai'i Pacific University  
1164 Bishop Street, Suite 800  
Honolulu, HI 96813

## NON-DISCRIMINATION NOTICE

Hawai'i Pacific University admits students without regard to sex, race, age, color, disability, religion, sexual orientation, or national or ethnic origin to all programs and activities generally accorded to or made available to students at the University.

As provided for and to the extent required by state and federal laws, the University provides educational opportunities without regard to, and prohibits discrimination including harassment against students, on the basis of sex, race, age, color, disability, religion, sexual orientation, gender identity or expression, national or ethnic origin, or any other characteristic protected by applicable law in the administration of its educational programs, policies, admissions policies, scholarships, activities, loan programs, and athletic and other University-administered programs. Complaints or concerns should be filed with the University's Title IX coordinator (go to [www.hpu.edu/studenthandbook](http://www.hpu.edu/studenthandbook)) for details,

This statement 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:

Human Resources  
EEO/Affirmative Action & Employee Relations Manager  
Hawai'i Pacific University  
1164 Bishop Street, Suite 800  
Honolulu, HI 96813  
Telephone: (808) 544-1188  
[Email: hr@hpu.edu](mailto:hr@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:

Office for Civil Rights, Seattle Office  
U.S. Department of Education  
915 Second Avenue, Room 3310  
Seattle, WA 98174-1099  
Telephone: 206-607-1600  
FAX: 206-607-1601; TDD: 206-607-1647  
Email: [OCR.Seattle@ed.gov](mailto:OCR.Seattle@ed.gov)





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## **ADDENDUM: HAWAI'I PACIFIC UNIVERSITY 2017-2018 ACADEMIC CATALOG**

The Hawai'i Pacific University Academic Catalog is published annually. Every effort is made to ensure that the catalog is accurate at the time of publication; however, edits and updates are occasionally necessary to correct or clarify information. The purpose of this addendum is to provide information about the changes that have occurred since the initial publication of the 2017-2018 academic catalog. All changes have been made to the online version of the catalog and are listed below for reference.

### **Associate of Science in Supervisory Leadership** (page 94)

Overlapping General Education & Lower-Division Courses updated from *PSCI 1400 American Politics (The American Experience)* to *PSCI 1400 American Politics (The American Experience)* or *PADM 1000 Introduction to Leadership in America (The American Experience)*. *PSCI 2000 Introduction to Politics (Traditions and Movements that Shape the World)* added to Overlapping General Education & Lower-Division Courses.

Credit requirements for Major Requirements updated from *(15 Credits)* to *(9-12 Credits)*. Removed *Plus one additional course approved by the program director* from Major Requirements.

### **Bachelor of Arts in Communication Studies** (page 122)

Restricted Elective requirement updated from *Take one of the following* to *Take two of the following*

### **Bachelor of Arts in Teaching English to Speakers of Other Languages (TESOL)** (page 140)

*ANTH 2000 Cultural Anthropology* was incorrectly added as an Overlapping General Education & Lower Division Courses requirement. Replaced *ANTH 2000* with *AL 2000 Introduction to Linguistics*. *AL 2000* was under *Lower Division Major Requirements*, but section has been deleted.

### **Bachelor of Science in Oceanography** (page 178)

*MATH 1123* moved from *Lower-Division Major Requirements* to *Overlapping General Education and Lower Division Courses*.

*CHEM 2050* removed from *Lower-Division Major Requirements*.

*MATH 2214* moved from *Overlapping General Education and Lower Division Courses* to *Lower-Division Major Requirements*.

*Lower-Division Major Requirements* credits required updated from *38-40* to *32-34*.

*Upper-Division Major Requirements* credits required updated from *12* to *10-12*

### **Minor in Environmental Studies** (page 184)

Minor requirements updated from

## **Old Version**

### **ENVIRONMENTAL STUDIES**

*Six upper-division courses beyond ENVS 2000:*

*Complete one or both of the following:*

ENVS	3010	Environmental Impact Analysis
ENVS	3030	Earth Systems and Global Change

*Plus:*

ENVS	4100	Society Systems and Global Change
------	------	-----------------------------------

*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
ENVS	3020	Environmental Policy Process
PHIL	3651	Environmental Ethics

to

**New Version**

**ENVIRONMENTAL STUDIES**

*Complete one or both of the following:*

- |      |      |                                 |
|------|------|---------------------------------|
| ENVS | 3010 | Environmental Impact Analysis   |
| ENVS | 3030 | Earth Systems and Global Change |

*Plus four or five of the following:*

- |      |      |                                       |
|------|------|---------------------------------------|
| ANTH | 3400 | Anthropology of Food and Eating       |
| ENVS | 3002 | Applications of Environmental Science |
| ENVS | 3020 | Environmental Policy Process          |
| ENVS | 3600 | Natural Resource Management           |
| ECON | 3430 | Environmental Economics               |
| SOC  | 3650 | Global Systems and Development        |

**Update course prerequisites for PHYS 2054 General Physics III – Modern Physics** (page 380)

Course prerequisites update from *MATH 2251 and PHYS 2052* to *MATH 2215 and PHYS 2052*

**PSY 6770 Counseling Couples & Families** (page 389)

Course added to university curriculum section.

Selected theories, methods, and techniques of marriage and family therapy with particular emphasis on diversity and legal and ethical issues in the practice of marriage and family counseling.

*Prerequisites: PSY 6701 or approval of program director.*



# GENERAL INFORMATION

## Hawai'i PACIFIC UNIVERSITY

is an independent, coeducational, career-oriented, comprehensive university with a foundation in the liberal arts. The University offers the Bachelor of Arts and the Bachelor of Science degrees 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 associate degrees through the College of Extended and Interdisciplinary Education, on O'ahu military installations.

Hawai'i Pacific University is:

- Accredited by: the WASC Senior College and University Commission (WSCUC); the Commission on Collegiate Nursing Education (CCNE); Council for the Accreditation of Educator Preparation (CAEP); the Council on Social Work Education (CSWE); and the Masters in Psychology and Counseling Accreditation Council (MPCAC).
- Authorized by the Hawai'i Post-Secondary Authorization Program and approved by Hawai'i as a State Authorization Reciprocity Agreement (SARA) institution.
- 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.
- An applied learning institution offering a variety of hands-on research and career-related work experiences and internships as an integral part of the curriculum.

Please refer to the Hawai'i Pacific University website at [www.hpu.edu](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 has three campuses located on the island of O'ahu. Additionally, HPU offers programs and courses on O'ahu military installations and online.

### **Downtown Honolulu Campus**

The urban campus is in the heart of Honolulu's downtown business and financial district, within the center of the state's capital district. This campus is home to the College of Business and the College of Liberal Arts. Students have ample opportunities to make the transition from student to professional in the various business offices, not-for-profit organizations, government agencies, financial institutions, 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 downtown campus is within walking distance to stores, 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 Arena. The Honolulu Museum of Art, Bishop Museum (the State Natural and Cultural History Museum), the Mission Houses Museum, Waikiki Aquarium, Honolulu Zoo, Waikiki Shell, and many other cultural and recreational areas are easily accessible to students.

### **Hawaii Loa Campus**

The Hawaii Loa campus is located in Kāne'ohe and is nestled at the base of the beautiful Ko'olau Mountains. The campus is the site of the College of Health and Society and the College of Natural and Computational Sciences.

It is an easy eight-mile ride between the Hawaii Loa and downtown campuses on the free HPU shuttle. Various shopping malls, restaurants, beaches, and historic and scenic sites also are within reasonable distance and accessible by Honolulu's public transportation system.

In accordance with the 2014 University Master Plan, Hawai'i Pacific University is consolidating its academic programs downtown. This transition will take place over the next few years. HPU is investing in the urban student experience that will better serve the community.

### **The Oceanic Institute**

For more than 50 years, the Oceanic Institute of Hawai'i Pacific University (OI) has been a world leader in the advancement of sustainable aquaculture technologies and has contributed to a range of solutions to overcome current and emerging industry challenges. OI is located on 56 acres at scenic Makapu'u Point in Waimanalo, and employs a team of 45 scientists and professionals. Its mission is to develop and transfer environmentally responsible techniques to increase aquatic food production while promoting the sustainable use of ocean resources. Toward this goal, OI conducts research, education, and training that focuses on marine aquaculture, aquatic feeds and nutrition, and coastal resource management.

In 2013, OI commissioned a state-of-the-art teaching laboratory to complement classroom and conference space at OI's Oceanic Learning Center (OLC). The new OLC Annex supports cutting-edge biotechnology research and education with two research labs, a teaching lab, and a distance learning center. OI's facilities provide a unique opportunity for hands-on education

and real-world training aimed at expanding the workforce in an increasingly high-tech world.

With its emphasis on research and teaching, OI is the ideal place for education, investigation, and hands-on training in aquaculture, marine, environmental, and life sciences as well as other multi-disciplinary areas of the university. In addition to OI's expertise and extensive research and education infrastructure, students have the opportunity to take advantage of unparalleled access to the adjacent natural marine habitat.

## **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 the College of Extended and Interdisciplinary Education, administering off-campus instruction at the various military installations on O'ahu.

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.

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

In 1992, Hawaii 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 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 (OI)--a marine science research organization established in the 1960s and located on O'ahu--became affiliated with Hawai'i Pacific University. OI is dedicated to the development of marine aquaculture, biotechnology, and coastal resource management. The successful affiliation--marked by enhanced learning and research opportunities in the natural sciences for HPU faculty and students-- led to a merger on January 1, 2014. The Oceanic Institute of Hawai'i Pacific University provides valuable links to outstanding research programs in aquaculture, marine biology, and environmental science at a facility with a growing international reputation.

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

The athletics program became known as the "Hawai'i Pacific University Sharks" in August 2014. The shark has been associated with the HPU Athletics identity for many years, as teams competed as the Sea Warriors. The reimagined new brand was developed with collaborative insights from a cross-representation of HPU students, coaches, alumni, faculty, and members of the community at large.

In August 2015, the Aloha Tower Marketplace revitalization project was completed, opening to students and the community. Aloha Tower Marketplace serves as an anchor for the university's core downtown Honolulu campus, including a first-class center for higher education and university housing integrated with retail and dining businesses and community gathering spaces.

On July 1, 2016, John Yukio Gotanda took office as Hawai'i Pacific University's fifth President. Born and raised in Hawai'i, President Gotanda returned home to lead HPU following a successful 30-year career in law and higher education on the East Coast. He most recently served as the dean of Villanova Law School. President Gotanda is stewarding HPU's vision to be a leader in innovative higher education.

## **ACCREDITATION**

Hawai'i Pacific University is accredited by the Accrediting Commission for Senior Colleges of the Western Association of Schools and Colleges (WASC).

The Nursing programs (BSN and MSN) are approved by the Hawai'i State Board of Nursing and accredited by the Commission on Collegiate Nursing Education (CCNE).

The Social Work programs are 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) and the Council for the Accreditation of Educator Preparation (CAEP).

The Master of Arts in Clinical Mental Health Counseling is accredited by the Masters in Psychology and Counseling Accreditation Council (MPCAC).

## **HPU ON THE INTERNET**

HPU's website, [www.hpu.edu](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 admission 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 learning management system, and other internal HPU services. 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 the Service Desk at (808) 566-2411 or email [help@hpu.edu](mailto:help@hpu.edu).

## **DISTANCE EDUCATION**

Hawai'i Pacific University's distance education programs provide individuals from around the globe 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 must be goal-oriented, good readers and writers, capable of working independently, able to prioritize their workload, and comfortable with technology.

Most distance education courses are highly interactive. 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 limitations on how many online courses can be taken in a given term.

## **STUDENT BODY**

Combined student enrollment for Hawai'i Pacific University in Fall 2016 was 4,100 students, including approximately 650 graduate students. The diverse student body is composed of students from every state in the U.S. as well as 65 countries.

## **FACULTY AND STAFF**

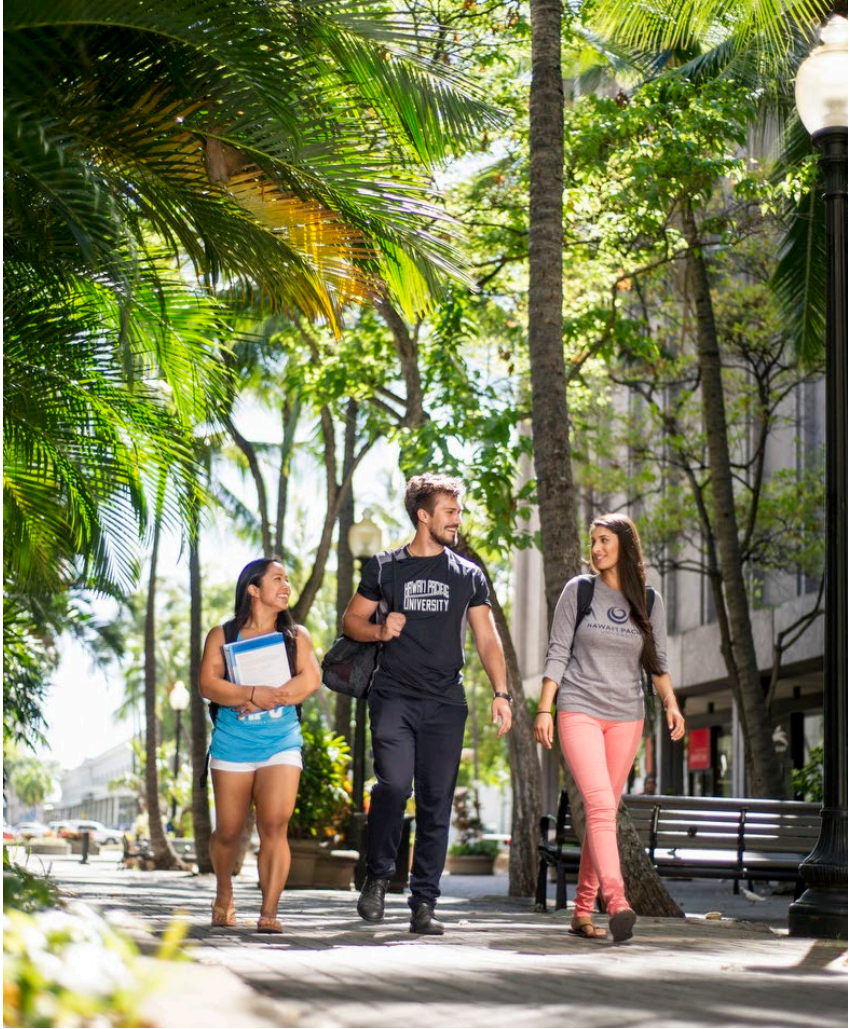
Some 1,100 men and women make up the faculty and administrative staff of Hawai'i Pacific University — individuals who share the university's mission as an institution of higher learning and its credo of personal and individualized attention and service to both students and the community. Staff and faculty are seen as a team of professionals working together to actualize the institution's mission and goals, as well as the 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. Administrators and faculty have credentials from major universities including Harvard, Princeton, Stanford, University of California, Berkeley, Columbia University, Scripps Institution of Oceanography, Woods Hole Oceanographic Institution, and the University of Pennsylvania.

Augmenting the career faculty are leading practitioners in the arts, government, the not-for-

profit sector, business, technology, science, accounting, and law, who provide students with a contemporary and pragmatic orientation to their respective fields. Although a great majority of faculty have international reputations as scholars, all are primarily classroom instructors, because teaching and learning constitute the principal responsibilities of HPU.



# 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 sex, race, age, color, disability, religion, sexual orientation, national or ethnic origin. A student's previous academic records, grade point average (GPA), extra-curricular involvement, relevant test scores, recommendations, and work experience are all used to determine eligibility for enrollment.

## **FIRST-TIME FRESHMEN**

### **GPA**

Students are preferred to have a 3.0 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 3.0 may be considered for admission with additional supplemental requirements that may include an interview with an Admission Counselor, first-semester senior year transcripts, and a personal statement describing their educational and personal objectives. HPU encourages students to take Advanced Placement (AP), International Baccalaureate (IB), or other honors courses.

### **TEST SCORES**

Domestic students should have results from the Scholastic Aptitude Test (SAT) or American College Testing (ACT) sent to the Office of Admission 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.

International students and non-native speakers require proof of English proficiency. English Proficiency requirements can be found at [www.hpu.edu/englishtest](http://www.hpu.edu/englishtest).

### **LETTERS OF RECOMMENDATION**

Letters of recommendation are strongly encouraged.

### **TRANSCRIPTS**

"Unofficial" transcripts may be submitted with the application for admission purposes. However, upon enrollment, all official transcripts must be submitted. Official transcripts must be sent to the HPU Office of Admissions 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.

All international transcripts must be accompanied by an official English translation.

### **ESSAY**

Students are strongly encouraged 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

2 years      Modern or Foreign Language

### **ADDITIONAL REQUIREMENTS FOR HOME-SCHOOLED APPLICANTS**

- Submission of transcript/record of grades and statement describing home school structure and mission.
- An interview with a member of the admission committee.

### **ADVANCED PLACEMENT OF FRESHMAN STUDENTS**

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

### **TRANSFER STUDENTS**

#### **24 or more transferable credits**

Students seeking to transfer to HPU with 24 or more transferable credits are preferred to have a 2.75 GPA or higher.

Applicants 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 recommendation.

#### **Additional Requirements for 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 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 2.75 or above at the post-secondary level and a 3.0 or above at the secondary level.

### **ACADEMIC FOUNDATION PROGRAM (AFP)**

International students that meet the academic criteria to attend HPU but do not have the English proficiency necessary to take regular HPU courses will be admitted to AFP. In order to matriculate into full-time regular courses, these students would need to successfully complete all levels of AFP.

<i><b>METHOD</b></i>	<i><b>AFP LEVEL 1</b></i>	<i><b>AFP LEVEL 2</b></i>
<a href="#"><u>TOEFL (IBT)</u></a>	47-60	61-79
<a href="#"><u>IELTS</u></a>	5.0	5.5
<a href="#"><u>ELS Centers</u></a>	105 to 108	109 to 111
<a href="#"><u>Step Eiken</u></a>	Grade 2	Grade 2A

AFP 1 consists of 30 hours per week of ELS intensive English for Academic Purposes classes for 16 weeks. Student will proceed to AFP 2 upon successful completion.

AFP 2 consists of one term of 3 intensive English courses and one designated HPU course. Upon successful completion of AFP 2, the student will earn 12 general university elective credits and will be able to matriculate to HPU's full-time program.

## **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 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 handbook and confirm the requirements for post-graduate employment.

## **MARINE SCIENCE AND ENVIRONMENTAL SCIENCE MAJORS**

### **Admission of Freshmen**

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.

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.

## **NURSING**

### **Admission of Transfer Students**

Any transfer student seeking admission into the 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 must include the dean's or school official's name, signature, and legible contact information. It should be sent directly to the Office of Admission.

Transfer students who have completed their prerequisite course work at an accredited university or college other than HPU must apply to both the university and the BSN program for admission. Only those applicants who are deemed admissible to the university will be considered for admission into the BSN program. See [www.hpu.edu/nursing](http://www.hpu.edu/nursing) for more information.



## **EARLY ENTRY**

High school juniors and seniors with above-average academic records, who have exhausted the appropriate academic coursework at their high school, 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 (NON-DEGREE SEEKING STUDENTS)**

Students who wish to take undergraduate credit courses at Hawai'i Pacific University, who are not seeking a degree or participation in the cooperative education or federal financial aid programs, may apply directly with the Admission Office. Non-native speakers of English may be asked to demonstrate their English proficiency. 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.

## **VISITING STUDENT**

A visiting student is defined as a 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 for a maximum of two semesters. A visiting student may also be a student who has completed a minimum of secondary school or equivalent and wants to take a semester or a year before starting university studies in his or her home country.

To establish status as a visiting student, one must apply directly to the "Visiting Student Program at Hawai'i Pacific University" using the appropriate application form and be accepted directly to the program. In addition, the student must submit an official transcript translated into English. Upon request for evaluation of previous academic experience, the student must submit specific course descriptions in English. Visiting 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 successfully undertaken previous study in that discipline.)

If a visiting student later decides to become a degree-seeking student at HPU, he or she will be required to submit a degree-seeking application and abide by the University's catalog requirements for the student's major. In this case, a transcript evaluation will be completed to determine the amount of transfer credits awarded.

## **APPLICATION FORM**

Undergraduate applicants apply using the Common Application available at [www.commonapp.org](http://www.commonapp.org) or via HPU's Admission Application at [www.hpu.edu/apply](http://www.hpu.edu/apply). The application fee is due at the time of application for admission.

All students should submit their application and supporting documents to:

Hawai'i Pacific University Admission Office  
1 Aloha Tower Drive,  
Honolulu, HI 96813-9887  
TEL (808) 544-0238  
FAX (808) 544-1136  
Email: [admissions@hpu.edu](mailto:admissions@hpu.edu)  
Web: [www.hpu.edu](http://www.hpu.edu)



## **FINANCIAL AID: GENERAL**

The financial aid programs at Hawai'i Pacific University are designed to help students supplement their financial resources and those of their parents or spouses in financing their education. 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 financial aid.

### **Hawai'i Pacific University Financial Aid Handbook**

Visit [www.hpu.edu/financialaid](http://www.hpu.edu/financialaid) for details about financial aid. Information such as the 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 the 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), or emailing [financialaid@hpu.edu](mailto:financialaid@hpu.edu).

### **Eligibility for Federal Aid**

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

1. be a U.S. citizen or eligible noncitizen;
2. have a high school diploma, GED, or equivalent certification which includes secondary home school completion as recognized by state law, an associate's degree, or two years of credits toward a baccalaureate degree (60 semester credit hours of 72 quarter credit hours);
3. be enrolled as a regular student in a degree-seeking program; financial aid is not available for certificate programs;
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 [www.fafsa.gov](http://www.fafsa.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 October 1 preceding the award year. Submission of the FAFSA serves as the one-time annual application for all federal financial aid programs. Subsequent corrections may be required.

The process of applying for financial aid takes about six to eight weeks to complete. Students with a processed FAFSA by March 1 will be given first consideration for all forms of financial aid. The University will make initial offers of financial aid by 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 normally 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 Work-Study (FWS) is awarded to students who have demonstrated need through the FAFSA. Students work part-time in various University departments, or in community service jobs off campus, up to the limit of their established award and are paid bi-weekly.

*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 financial need. The federal programs include:

### **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 2017-2018 academic year, the Pell Grant award may range from \$593 to \$5,920, depending on the EFC calculated and enrollment status.

### **Federal Supplemental Educational Opportunity Grant (FSEOG)**

A limited supplemental need-based award available to the students with the greatest need who are eligible for a Pell Grant and do not have a bachelor's degree. Award maximum is \$1,000 per school year based on the availability of funds.

### **Federal Perkins Loan**

A limited low-interest loan for which a new 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 fixed at five percent. Repayment of the loan begins nine months after the borrower graduates or ceases to be at least a half-time student. *Note: The federal statutory provisions for the Perkins Loan ended on September 30, 2014. Through an extension of the provisions governing this loan, under very limited circumstances, continuing students who have already received a Perkins Loan may receive funds for a limited time. As of December 18, 2015, new incoming freshman students may receive Perkins Loan funds based on qualifications, eligibility and availability of funds. Contact the Financial Aid Office for specific information. Through the extension of this loan, the federal statutory provision for the Perkins Loan will end on September 30, 2017.*

### **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 Work-Study (FWS)**

Available to students enrolled in an undergraduate program of study who have financial need. Students may be offered work-study up to 19 hours per week depending upon financial need and the availability of funds. Awards range from \$1,500 to \$3,000 per year. Funds are paid for students working the hours of their job. There are limited FWS jobs available for students and is not guaranteed.

### **William D. Ford Direct Loan Program**

#### **Federal Direct Subsidized Loan**

Need-based, fixed interest loan made through the Department of Education 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 (as determined by credits completed). Aggregate loan limit is \$23,000 for undergraduate students.

#### **Federal Direct Unsubsidized Loan**

This is a non-need based loan. Through the unsubsidized loan, all students, regardless of income, are able to obtain a student 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 graduates or ceases to be enrolled at least half-time.

Eligible independent students (24 years of age, married, etc.) may also borrow \$6,000 for the first two years of undergraduate study. Independent students who have completed two years of undergraduate study may borrow up to \$7,000. Graduate students may borrow up to \$20,500 per year. Aggregate loan limit for undergraduate students is \$57,500. Graduate and professional students may borrow a combined amount of \$138,500 (including loans borrowed at the undergraduate level).

#### **Federal Parent Loan for Undergraduate Students (PLUS)**

This is a non-need based loan available to natural or adoptive parents of dependent students. Eligible parents may borrow up to the cost of attendance (total of tuition, books, room and board, personal expenses, transportation, etc.) minus any other aid awarded (refer to student's award letter). The interest rate is capped at 10.50 percent. Parents must have acceptable credit history to be eligible for the PLUS loan. Repayment usually begins after the loan is fully disbursed.

#### **Federal Grad PLUS Loan**

This is a non-need based loan available to eligible students pursuing a graduate degree. Students may borrow up to the cost of attendance minus any other aid awarded. This loan is based on the credit of the borrowing student. Repayment will begin after the loan is fully dispersed.

### **TUITION MANAGEMENT SYSTEMS**

Hawai'i Pacific University offers an interest-free monthly payment option for a fee through Tuition Management Systems (TMS). To set up a payment plan or for additional

information, visit TMS online at [www.hpu.afford.com](http://www.hpu.afford.com) or contact TMS directly by phone at 1-800-722-4867.

## **LEAVE OF ABSENCE**

A student maintains “continuous enrollment” by being enrolled in courses at the University throughout each fall and spring term following admission. Students who plan to interrupt their continuous enrollment should apply for a leave of absence.

Students contemplating a leave of absence who have previously been awarded a loan under the Direct 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 requesting the leave. For Title IV purposes, a Leave of Absence is treated as a withdrawal.

## **HAWAI‘I PACIFIC UNIVERSITY SCHOLARSHIP PROGRAMS**

Hawai‘i Pacific University scholarships are awarded on the basis of merit or talent by applying for admission to the university along with their various events. There are annual and endowed scholarships that are available for primarily continuing students to the university. Continuing HPU students are notified when this application period is open and closes.

Contact the University’s Athletic Office, 1166 Fort Street Mall, 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**

### **American Opportunity Tax Credit** *(Current as of publication date)*

The American Opportunity Tax Credit is a tax credit available for the first four years of college or postsecondary education. If eligible, up to \$2,500 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 Tax Credit**

Taxpayers enrolled in post-secondary education may be eligible to receive a 20 percent tax credit on the first \$10,000 of tuition and required fees paid each year. The maximum deduction is \$2,000.

### **Tuition and Fees Deduction**

Students may be able to deduct qualified education expenses paid for higher education. The maximum deduction is \$4,000. The deduction is available even if the taxpayer does not itemize deductions on Schedule A.

### **Tax Benefits for Interest Paid on Student Loans**

The interest paid on a qualified education loan may 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 website: [www.irs.gov](http://www.irs.gov)

## **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 two weeks prior to the start date of each term or session.

The tuition and fee schedules can be found at the HPU website:  
[www.hpu.edu/Business Office/Tuition and Fee Schedule.html](http://www.hpu.edu/Business_Office/Tuition_and_Fee_Schedule.html)

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# STUDENT SERVICES



## **ADMISSION OFFICE**

The Office of Admission assists students interested in applying to the University. The admission staff is available to answer questions about HPU, explain requirements for entrance, and evaluate transfer credits from other accredited institutions of higher learning. Tours of HPU's 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 admission requirements, please refer to the Graduate Studies section of this catalog or visit the website: [www.hpu.edu/grad](http://www.hpu.edu/grad).

## **BUSINESS OFFICE**

The Business Office is responsible for providing HPU students with an efficient method of conducting business with the University. Payment options include transactions via an online portal (HPU Pipeline) or in person at the Business Office. The capable, friendly staff is available to assist students with the following inquiries/services:

- Tuition and Fee Assessments
- Billing/e-Bills
- Tuition and Fee Payments
- Balances Due
- Payment Options
- Payment Due Dates
- Financial Aid Refunds
- Processing 1098-Ts
- Federal Perkins Loan Program
- Federal Nursing Loan Program
- Non-Financial Aid Refund Requests
- Reviewing Account Balance Holds/Super Holds

More information is located on the HPU Business Office website: [www.hpu.edu/Business\\_Office/](http://www.hpu.edu/Business_Office/).

Students may contact the Business Office by calling (808) 356-5272 or by emailing [businessoffice@hpu.edu](mailto:businessoffice@hpu.edu).

Office hours are 7:30 am until 5:00 pm (HST) Monday through Friday, excluding observed University holidays. The office is located in the Upper Bishop Building (UB), 1164 Bishop Street, Suite 1200, on the Downtown Campus.

## **FINANCIAL AID OFFICE**

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.

## **MILITARY/VETERANS CENTER**

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.

## **MILITARY CAMPUS PROGRAMS SERVICES**

College of Extended and Interdisciplinary Education (CEIE), home of Military Campus Programs, maintains a full-time student services staff, and offers courses as well as programs on all major O'ahu military installations. It operates the Military/Veteran Center on the downtown campus. Staff are also available by telephone and email to support the needs of students located off-island who are taking courses through CEIE's distance learning programs. Further information is available in the College of Extended and Interdisciplinary Education section of the catalog and on the HPU website at [www.hpu.edu/cxe](http://www.hpu.edu/cxe).

## **VETERAN'S BENEFITS**

Students planning to utilize VA education benefits while attending HPU must first apply for benefits through the Veterans On-Line Application (VONAPP) website. 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, the student will receive a Certificate of Eligibility (COE) and 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 to 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 facilitate the course certification process for the student, the school, and the VA. Late and adjusted certifications will result in a delay of all benefit payments, so it is incumbent upon the student to ensure accurate processing of program certifications.

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 has 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 [www.gibill.va.gov](http://www.gibill.va.gov), or 1-888-GI-Bill-1. To contact the HPU VACertifying Official, please contact [va@hpu.edu](mailto:va@hpu.edu) or (808) 356-5222.



## OFF-CAMPUS HOUSING

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 Hawaii 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 postings are available on HPU Pipeline eAds. For more information, go to <https://hpu.edu/housing>, call (808)-544-0277 or email us at [icommute@hpu.edu](mailto:icommute@hpu.edu).

## ROTC

Interested and qualified HPU students 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 course of study for students at four-year colleges who did not take ROTC during their first two years is also offered. Students register for these courses at Hawai‘i Pacific University and attend the training and lecture sessions at the University of Hawai‘i at Manoa campus. For more information, students should contact the HPU Military/Veteran Center or the Air Force or Army program representatives at (808) 956-2781 (Air Force ROTC) or (808) 956-7744 (Army ROTC).

## ACADEMIC ADVISING

Academic Advisors help students set and achieve their academic and personal goals. These goals are realized through our cohort advising model, which enables students to develop a collaborative working relationship with a professional advisor. Through mentorship, students are able to define and implement sound educational plans that are consistent with their personal values, goals, and career plans.

The staff is available to assist students with the following:

- Making a smooth transition from high school, other institutions, or professional experiences
- Registration needs
- Assistance regarding academic progress
- Declaring or changing a major, minor, and/or concentration
- Creating an academic plan and track progress toward graduation
- Understanding degree and university policies and requirements
- Counseling students who are struggling academically and making appropriate referrals as needed

For questions about advisor locations and availability, please contact the Academic Advising Office located on the downtown campus [phone: (808) 544-1198; email: [advising@hpu.edu](mailto:advising@hpu.edu); office: 1164 Bishop Street, Suite 123 (UB Building)]. Most students are assigned advisors based on their intended major. Students who have not selected a major will work with an advisor who will guide them through selecting an appropriate degree program. While drop-in services are available on a first-come, first-served basis on selected days, students are encouraged to call or go online for an appointment.

## **CAREER SERVICES CENTER**

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 advising team helps students with major 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 early and not wait until they are ready to graduate. According to most employers, the one area most applicants lack is experience. HPU's internships and Cooperative Education programs offer valuable work experience opportunities and provide 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, Hawaii Loa, Oceanic Institute, and Military Campuses. Arrangements can also be made to provide services for those in HPU's distance learning programs.

### **Services Provided:**

- Career advising
- Interest and personality assessments
- On-campus employer recruitment
- Cooperative education and internship programs
- Job search assistance
- Résumé writing assistance
- Job listings
- Mock interview

### **Employment for International Students**

International students may engage in required practical experience subject to approval from the Office of International Students and Scholars (OISS). During their first year at Hawai'i 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 services advisors work together with OISS for approval to ensure that international students find appropriate co-ops and internships and meet 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 1164 Bishop Street (UB Building), Suite 122. Students and alumni are highly encouraged to schedule an appointment for one-on-one personalized services.

## **COUNSELING AND BEHAVIORAL HEALTH SERVICES**

Counseling services are made available to provide support and help HPU students work through difficult or challenging life situations and/or changes through various counseling opportunities, including:

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

Licensed psychologists provide services at the Downtown and Hawaii Loa campuses. To

schedule an appointment, please call (808) 687-7076. Counseling services are free and confidential to all registered HPU students.

## **OFFICE OF INTERNATIONAL STUDENTS AND SCHOLARS**

The Office of International Students and Scholars has full-time advisors to assist international students with all their immigration concerns. Any questions about visas, passports, F-1 regulations, J-1 regulations, employment, full-time enrollment, physical presence enrollment, or any other immigration issue can be directed to the advisors.

The office 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.

International students are accepted for individual terms of study that include fall, spring and summer. Additional tuition is charged for those students who elect to attend the University's summer term. A Statement of Financial Support (SFS) showing sufficient financial resources in USD, along with a financial institution verification of liquid assets, must be submitted on bank letterhead.

### **Location and Hours**

The Office of International Students & Scholars is located at 1164 Bishop Street (UB building) on the 2nd floor in Suite 200. Students are highly encouraged to call (808) 543-8068 to schedule an appointment. Hours of operation are Monday through Friday, 8:00 a.m. to 5:00p.m. (HST), excluding observed University holidays and weekends. For more information, please visit our website at [www.hpu.edu/OISS/](http://www.hpu.edu/OISS/) or email us at [iss@hpu.edu](mailto:iss@hpu.edu).

## **REGISTRAR'S OFFICE**

The Registrar's Office provides HPU students with a comprehensive information and service center for registration and academic records. Our friendly staff is available to assist students, faculty, and staff with the following services:

- General information, registration policies and procedures
- Registration inquiries; deposit clearance and registration time tickets
- 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 posting degree conferrals and issuing HPU diplomas
- Student record inquiries; maintenance of all student academic records
- Processing term grades, grade changes, academic probation, suspension, and/or dismissal
- 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. 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](mailto:registrar@hpu.edu) or (808) 544-0239.

## **HPU UNICARD (ID CARD)**

The HPU UniCard serves as the official photo identification for students, faculty, and staff; and is required for several activities such as voting in student elections, utilizing the intercampus shuttle service, borrowing materials from the University libraries, entering the ATM Learning Commons, and receiving tutorial services on both campuses. It entitles the bearer to free or reduced-rate entrance to athletic events and other Student Activities-sponsored functions. Also, many merchants offer discounts to holders of the HPU UniCard.

The HPU UniCard is encoded with information that allows students a number of print jobs at the ATM Learning Commons and the Education Technology Center (ETC). Students exceeding the number of copies allowed may pay to recharge the card at locations on both campuses.

HPU UniCard Services are provided in the Registrar's Office on the downtown campus, and at the ETC on the Hawaii Loa campus. There is no charge for the initial HPU UniCard, but there is a charge of \$25.00 for a replacement card. Replacement cards are only issued in the Registrar's Office.

### **New Students**

To obtain an HPU UniCard, each new student must present his/her government-issued photo identification, such as passport, driver's license, or state ID card. HPU staff will verify that the student has registered for classes, take the student's photo, and create the HPU UniCard. The HPU UniCard is generally available for pick-up the same day that the photo is taken.

### **Continuing Students**

Students who were issued HPU UniCards in a previous term need only to have their cards validated for the next term of enrollment. A student must present his or her HPU UniCard, and HPU staff will verify registration. Continuing students attending classes on the military bases may have their ID cards validated on the base.

### **New Faculty and Staff Members**

New faculty and staff members will have their HPU UniCard photo taken at the Human Resources Office once they have completed the required new hire forms. Their HPU UniCard will be sent to their respective department office for pick-up.

## **CAMPUS BOOKSTORES**

Barnes & Noble at Hawai'i Pacific University stocks required and recommended textbooks and related materials for courses, many of which are available in a digital format or for rent. The bookstore also stocks a wide variety of school spirit gifts and apparel, school and tech supplies, a robust general reading selection, along with cold drinks, snacks, dorm products, and trending lines such as Burt's Bees, SakRoots, and more.

The store is located at the Aloha Tower Marketplace, fronting Nimitz Highway. The textbooks for the Hawaii Loa and military campuses are available at the downtown campus store and online.

Textbooks and most products are available on our website at [www.hpu.bncollege.com](http://www.hpu.bncollege.com).

## **STUDENT ACTIVITIES**

The Office of Student Activities develops and implements comprehensive co-curricular and extra-curricular programs, activities, and services that support and enhance the college

experience at HPU. In partnership with HPU departments, Student Activities 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, the staff advises student groups; engages students in thoughtful discussion on local and world matters; and supports students' personal and professional development.

### **Student Organizations, Programs and Initiatives**

The Office of Student Activities staff advises the Student Government Association (SGA), Campus Activities Board (CAB), Registered Student Organizations (RSOs), and Student Activity Fee Allocation Committee. In addition, the staff manages Sharky's Cove and the Lounge at Aloha Tower Marketplace. Activities and annual events include leadership development opportunities (e.g., HPU L.E.A.D.S., Take the Lead), Welcome Week, Club Carnival, Hawai'i Spotlight, Halloween FunFest, Da Freakshow (talent show), and much more. For more information on current and future initiatives, visit our website at [www.hpu.edu/studentlife](http://www.hpu.edu/studentlife), contact us at (808) 544-0277 or email us at [studentlife@hpu.edu](mailto:studentlife@hpu.edu).

### **Registered Student Organizations (RSOs)**

There are a variety of clubs and organizations that give students an opportunity to contribute to campus life at HPU. These Registered Student Organizations (RSOs), supported by the Office of Student Activities, provide a wide range of social, academic, professional, recreational, and community service activities to encourage student involvement. The HPU RSOs are divided into three categories: academic and professional, cultural and spiritual, and special interest. Students are encouraged to join an organization or start a new club that meets their needs and interests. For more information, go to [www.hpu.edu/clubs](http://www.hpu.edu/clubs).

### **Student Government Association (SGA)**

SGA is the student government of HPU, and the members serve as advocates for change. SGA is comprised of the student senate, executive officers, and judicial council. For more information, go to [www.hpu.edu/sga](http://www.hpu.edu/sga).

### **Campus Activities Board (CAB)**

CAB is a student-run organization that strives to enhance the HPU experience through quality entertainment, creative programming, and community involvement. For more information, go to [www.hpu.edu/cab](http://www.hpu.edu/cab).

## **MUSIC PROGRAMS**

### **Band**

Hawai'i Pacific University's Band Program is comprised of a Pep Band, Hawaiian Ensemble, and Jazz Combo when instrumentation allows. Members of the Band Program 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. Academic credit is offered as MUS 3700. 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 and Symphony Orchestras**

The HPU Chamber Orchestra is comprised of highly skilled violinists, violists, cellists, and double bassists. The Symphony is comprised of a combination of strings, woodwinds, brass, and percussion. The 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. Academic credit is offered as MUS 3720.

### **International Chorale and Vocal Ensemble**

Diversity plays a key role in the HPU experience and the International Chorale and International Vocal Ensemble. Choral activities, made up of talented students from Hawai'i, the mainland U.S., and other countries, truly embody 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. Academic credit is offered as MUS 1710 for International Chorale and MUS 3710 for IVE.

## **THEATRE AT HPU**

Hawai'i Pacific University offers a unique experience for students interested in studying theatre. Acting and production courses give students the opportunity to apply both technical and performance skill to the two mainstage performances onstage at the Paul and Vi Loo Theatre in the fall and spring. Because these major productions involve actors, designers, and technicians from the community, students have the opportunity to work with many theatre professionals, both on- and off-stage, and every effort is made to bring HPU students into the mix. The HPU Paul and Vi Loo Theatre has earned numerous awards for acting, directing, ensemble performance, playwriting, and overall play production. There is also a lively drama club on campus, which offers extra-curricular activities for students interested in theatre and film.

## **OFFICE OF FIRST YEAR EXPERIENCE**

The Office of First Year Experience (FYE) develops and implements comprehensive programs and services that promote, support, and enhance the academic and co-curricular experiences of first year students at HPU. In partnership with various departments within both Academic and Student Affairs, FYE works collaboratively to provide academic and student support services, foster learning communities, develop students' leadership skills, acclimate first-year students to university life, and connect new students with returning students, faculty, and staff.

### **FYE Events and Services**

The primary events available to students in FYE are HoloHolo (fun and casual trips to explore different areas in Hawai'i), Live Hawai'i (events like surfing lessons, visiting Pearl Harbor, etc.), and Be My Guest (free coffee and lunch for students who want to get to know their faculty in a casual setting). FYE also hires Peer Mentors and Hanai volunteers, who work to support students in their first year by ensuring they feel they have someone on campus to support them as soon as they arrive.

### **Passport Week (New Student Orientation)**

All new students kick off their HPU experience with Passport Week (fall term) or Spring Orientation. These few days are informative and fun-filled for incoming undergraduate first-year, transfer, and visiting international students. HPU provides opportunities to meet others, ease the transition to HPU, and help new students become familiar with the University community, services, and resources. New undergraduate students are assessed a one-time program fee for orientation. The fee will be charged to the students' accounts in July or December, and payment is due along with tuition. Additional information and registration materials are sent to new students in the mail and are available online at [www.hpu.edu/orientation](http://www.hpu.edu/orientation).

## RESIDENCE LIFE

Students may select from two residential communities: Hawaii Loa campus and the Waterfront Lofts at the Aloha Tower Marketplace. Each community is staffed by a student Resident Advisor (RA) or Community Assistant (CA). An Area Coordinator, a full-time professional staff member, also lives in the community and helps to ensure that students have a safe and secure environment in which to live and learn. Each on-campus room is equipped with basic furniture, including an extra-long twin bed, desk, and closet space and/or dresser for each resident. The majority of rooms are shared units with a semi-private bathroom. Each building offers a community area for resident activities, group study, and programs conducted by University faculty and staff. All on-campus housing is nonsmoking.

Meal plans are available for students at both the Waterfront Lofts and the Hawaii Loa campus. Students pay for a meal plan as part of the room-and-board housing fee. The Hawaii Loa Dining Commons (DC), managed by Sodexo, is located in the center of the Hawaii Loa residence hall complex. The DC provides meal service for students, faculty, and staff. The meal program for Waterfront Lofts residents is located at Aloha Tower Marketplace, Suite 1101.

The Hawaii Loa Student Center and Fitness Center 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, DVD player, foosball table, ping pong table, and pool table. Residents may also check out board games and other recreational items. The Fitness Center is configured with fitness equipment, including a treadmill, cross trainer, recumbent bikes, benches, power rack, and an assortment of free weights.

## HONOR SOCIETIES

Hawai'i Pacific University has 19 honor societies. Student records are reviewed on a regular basis, and those who qualify for membership in each honor society are invited to join. In most cases, reviews are conducted during both fall and spring semesters. Additional information about HPU's honor societies, including names and contact information for their sponsors and qualifications for membership, is available online at [www.hpu.edu/honors](http://www.hpu.edu/honors).

Prospective members must possess good reputation and character, and those who have been reported for academic misconduct are ineligible for 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 term.

Except for Chi Alpha Sigma, which inducts only during the spring semester, sponsors review currently enrolled students each fall and spring semester and send out invitations to those who meet the stated membership criteria (which are listed on the page for each society). In most cases, invitations are sent to students' official HPU email address. Students who believe that they meet the requirements for a particular honor society and do not receive an invitation may contact the sponsor of that honor society directly.

### Honor Societies

Alpha Chi National Honor Society	Juniors and seniors enrolled in any undergraduate degree program
Alpha Epsilon Delta National Honor Society	Students enrolled with future aspirations to become healthcare professionals
Alpha Lambda Delta National Honor Society	Students enrolled in their first year at the university
Alpha Sigma Lambda National Honor Society	Adult students enrolled in their first 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 business programs
Kappa Mu Epsilon National Honor Society	Students who completed at least three college courses in mathematics
Lambda Pi Eta National Honor Society	Students majoring in Communication
Mu Kappa Tau National Honor Society	Students majoring in Marketing
Phi Alpha National Honor Society	Students majoring in Social Work
Phi Alpha Theta National Honor Society	Students majoring in History
Pi Lambda Theta	Students enrolled in the B.Ed. or M.Ed. programs
Pi Sigma Alpha National Honor Society	Students majoring in Political Science
Psi Chi International Honor Society	Students majoring in Psychology
Sigma Delta Pi National Honor Society	Students with academic excellence in the study of Spanish
Sigma Tau Delta International Honor Society	Students majoring in English or minoring in Writing, Film Studies, or English
Sigma Theta Tau International Nursing Honor Society	Students majoring in Nursing
Upsilon Pi Epsilon International Honor Society	Students majoring in Computer Science

## ALUMNI

The HPU 'ohana has a network of 45,000 alumni worldwide! HPU provides alumni several ways to stay connected to the university, including benefits such as Alumni ENewsletter, HPU Connect (online job search and recruitment tool), networking activities, discounts with university partners, and much more! The University Relations Department seeks to encourage the creation of lifelong relationships and alumni involvement in its global community. To learn more ways to connect with HPU and fellow alumni, please visit [www.hpu.edu/stayconnected](http://www.hpu.edu/stayconnected).

For additional information or assistance, alumni may contact:

Hawai'i Pacific University  
 University Relations  
 1 Aloha Tower Drive  
 Honolulu, HI 96813 U.S.A.  
 Telephone: (808) 687-7040  
 Toll Free Telephone 1-866-CALL-HPU (extension 9) [U.S. and Canada only]  
 Email: [alumni@hpu.edu](mailto:alumni@hpu.edu)  
 Web: [www.hpu.edu/alumni](http://www.hpu.edu/alumni)

### Alumni Regional Connections

Alumni regional connections enable alumni worldwide to maintain connections with each other and the University, promoting fellowship as well as personal and professional networking and growth. The Regional Connections directory is available at [www.hpu.edu/alumni/connections/index.html](http://www.hpu.edu/alumni/connections/index.html).

Visit often to see upcoming events in specific region. HPU currently has active connection points and ambassadors in the following locations:



### **U.S.A. Connections**

California (Northern)  
California (Southern)  
Washington District of Columbia (DC) Metro  
Florida (Miami)  
Hawai'i  
Illinois (Chicago)  
Nevada (Las Vegas)  
New York (NYC)  
North Carolina – Research Triangle Region  
Oregon (Portland)  
Pennsylvania (Philadelphia)  
Texas (Dallas and Fort Worth)

### **International Connections**

#### **Asia**

India (Hyderabad)  
Indonesia (Jakarta)  
Japan (Okinawa, Tokyo)  
Malaysia (Kuala Lumpur, Penang)  
Singapore  
Taiwan (Taipei)  
Thailand (Bangkok)  
Vietnam

#### **Central America**

Mexico (Puebla)

#### **Europe**

Austria (Salzburg, Vienna)  
Denmark  
England (London)  
Germany (Munich)  
Luxembourg  
Norway (Oslo)  
Sweden (Malmo)

#### **North America**

Canada (Ontario-Toronto)

## **ATHLETICS**

The Athletics Department oversees the intercollegiate athletics program, campus recreation, and spirit programs such as Cheer, Dance, and Mascot.

### **Intercollegiate 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 Sharks compete in the National Collegiate Athletic Association (NCAA) Division II and the Pacific West Conference, fielding 14 competitive teams in softball, baseball, women's

acrobatics and tumbling, and women's volleyball, in addition to men's and women's programs in basketball, soccer, tennis, cross country, and golf. For more information on the Intercollegiate Athletics Program, visit our website at [www.hpusharks.com](http://www.hpusharks.com), contact us at (808) 356-5214, or email [sharks@hpu.edu](mailto:sharks@hpu.edu).

### **Campus Recreation**

Campus Recreation offers students, faculty and staff at Hawai'i Pacific University exciting opportunities to stay physically active. Offering 24-hour access to the Hawaii Loa Fitness Center, intramural sports leagues/tournaments, sport club opportunities, outdoor recreational activities, and fitness classes, Campus Recreation promotes a fun and healthy balance to an academic life. Campus Recreation also partners with companies throughout Hawai'i to offer discounts within the recreational community exclusive to HPU students. More information can be obtained by calling at (808) 544-9370 or emailing [campusrec@hpu.edu](mailto:campusrec@hpu.edu). Stay active and stay healthy!

### **Cheer Team**

Hawai'i Pacific University's Cheer Program strives to garner school spirit while representing the University and the State of Hawai'i. The Cheer Team performs at HPU's volleyball and basketball games as well as University pep rallies, Club Carnivals, orientations, and other special events on campus and in the community. Students interested in joining the Cheer Team are encouraged to demonstrate a high level of proficiency in tumbling, stunting, jumping; however, these skills are not required. Partial tuition waivers are available for incoming undergraduate students and returning Cheer Team members.

For more information, contact us at (808) 356-5214, or email Kim Hom, Spirit Programs administrator, at [khom@hpu.edu](mailto:khom@hpu.edu).

### **Dance Team**

The Dance Team performs at HPU's volleyball and basketball games, as well as University pep rallies, Club Carnivals, orientations, Intercultural Day, and many other special events on campus and within 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. For more information, contact Kim Hom at (808) 356-5214.

### **Mascot**

In the fall of 2003, Hawai'i Pacific University introduced Sharky, who has increased school spirit by interacting with fans at HPU's volleyball and basketball games. Sharky also appears at many other campus and community events as well. For more information, contact us at (808) 356-5214.

## **LIABILITY**

Hawai'i Pacific University takes every reasonable precaution to maintain a safe campus environment. 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.

The provisions of this catalog are not to be regarded as a contract between any student and the University. The University reserves the right to change any of the policies, rules, regulations, and standards of conduct at any time as may be necessary in the interest of the University. The University also reserves the right to modify or discontinue any of the services, programs, or activities described in this catalog.

The most up-to-date student handbook can be found online at [www.hpu.edu/studenthandbook](http://www.hpu.edu/studenthandbook).

### **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 violate 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 Office of the Dean of Students. Copies of the Student Handbook are available in the Office of Student Life, at all Military Campus Programs locations, and online at [www.hpu.edu/studenthandbook](http://www.hpu.edu/studenthandbook).



# ACADEMIC POLICIES AND PROCEDURES



## **STATEMENT ON 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 120 credit hours. 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 and all courses required and counted towards a major. Some degrees may have higher GPA and additional requirements;
4. Submission of the Petition to Graduate (PTG). Students must submit a PTG for the term in which they intend to complete their degree requirements, whether or not they plan to participate in the commencement ceremony. The PTG must be submitted by the published deadline, but the recommendation is to complete the form at least one term prior to the student's last term of enrollment. This early submission allows sufficient time for review and evaluation of their records;
5. Payment of all indebtedness to Hawai'i Pacific University. An account balance hold does not prevent a student from submitting a Petition to Graduate (PTG), but it will stop HPU from issuing the diploma and transcripts until the financial hold is resolved. Students with an account balance hold should contact the Business Office at [businessoffice@hpu.edu](mailto:businessoffice@hpu.edu) or 808-356-5272 to make arrangements to clear the hold.

## **RESIDENCY REQUIREMENTS**

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

Students seeking associate degrees must complete at least 15 credit hours of coursework 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 “credit hour.” Hawai‘i Pacific University complies with federal regulations regarding the definition and assignment of credit hours.

### *Standard Face-to-Face Courses:*

One credit hour constitutes a minimum of three class work hours where a “class work hour” is defined as 55 minutes. Typically, class work hours include one hour of direct faculty instruction (“seat time”) and a minimum of two hours of out-of-class work by the student per week of the 15- week term for a one-credit-hour course. Out-of-class work includes time spent preparing for class, studying, doing homework, conducting research, completing assignments, etc. A standard 3-credit class thus meets for at least 41 contact hours (“seat time”) per term, and students should complete a minimum of 82 hours out-of-class work.

### *Online Courses:*

The expectation for online courses is that students will spend the same amount of time working to achieve the learning outcomes of a course as they would in the same course offered in a face-to-face modality. Thus, if a standard face-to-face class requires a total of 123 work hours (41 of “seat time” and 82 of “out-of-class work”), to accomplish the learning outcomes, the online equivalent similarly necessitates 123 total work hours over the 15-week term by the student.

### *Independent or Directed Study:*

Courses where students are working on independent projects, such as in thesis/dissertation and independent or directed studies, will conform to a minimum of three hours of student work per credit hour per week throughout the course of the term, or the equivalent work distributed over a different period of time.

### *Laboratory Classes*

**Studio/Laboratory Courses:** Studio/laboratory courses allow students to practice their skills in a guided environment. These are consistent with studio/laboratory experiences. Required student activities and assessments are largely limited to in-class time. Students practice their skills individually or in groups. There are few or no assessments outside of class. The faculty member is in the laboratory area 100% of the time. The course meets a minimum of 3 hours/week over the course of a term for each credit earned by the student. Teaching load credit for a studio/laboratory course is 1.5-2 contact hours, at the discretion of the dean.

Student credits:	1 credit hour
Faculty/instructor load:	1.5-2 contact hours
Minimum class time:	41 hours/term (typically 3 hours/week)

**Intensive Laboratory Courses:** Intensive laboratory courses provide students with firsthand experience in applying course concepts beyond that of a studio/laboratory course. In addition, students have the opportunity to learn and explore methods used by practitioners in that discipline. Such laboratory courses often include significant preparation for both students and instructors, coordination by the instructor of field-based activities and operation in uncertain field conditions, presentation by instructor of supplemental theory that supports integrating skills with theory, and student experiences with the advanced technology used in the discipline.

Student activities and assessments involve out-of-class reflection, applicable writing/literature research, processing and interpretation of data, and/or documentation of work specific to the

field. As such, leading an intensive laboratory session has particular challenges and opportunities that differ from those in a studio/laboratory course and in the standard classroom environment. The faculty member is in the laboratory area 100% of the time. Teaching load credit for a 1-2 credit hour intensive laboratory course is 3 contact hours.

Student credits:	1-2 credit hours
Faculty/instructor load:	3 contact hours
Minimum class time:	41 hours/term (typically 3 hours/week)

Note: For 2-credit courses, total student effort is a minimum of 82 hours/term; of the 82 hours per term, in-class time typically accounts for 65 hours/term, with the remaining 17 hours in out-of-class work.

#### *Terms Shorter Than Fifteen Weeks:*

A course offered in a term of less than 15 weeks shall contain the same contact hours, preparation time, content, and requirements as the same course offered over a 15-week term.

### **UNDERGRADUATE TRANSFER CREDIT POLICY**

The Office of Admission reserves the right to accept or reject transfer credits earned at any other institution of higher education. In general, Hawai'i Pacific University accepts credits earned at institutions fully accredited by the U.S. regional accrediting associations or an institution recognized by the Office of Admission, provided such credits are substantially equivalent to courses at Hawai'i Pacific University and have been completed with a grade of C- or better. An official evaluation of transfer credits will be reviewed only after a student has been admitted to HPU.

Transfer credits are accepted as one of three categories of credits: Elective, General Education, or Program Field of Study credits.

- **Elective:** These are courses that are not part of the program/major or General Education requirements, but may still count toward the baccalaureate degree. Some majors limit the amount of elective credit.
- **General Education:** These courses are similar at most colleges with a liberal arts foundation, and often include courses in English, history, math, science, and other subjects.
- **Program Field of Study:** These courses are primarily requirements for the chosen major/degree program. Prerequisites to courses in the major field of study usually can be transferred.

#### **Transfer Credit Restrictions**

Transfer credit is accepted for regular undergraduate degree-seeking students. Only course credits are accepted in and transfer to Hawai'i Pacific University. Grades and grade points from other institutions do not transfer.

#### **Timeline**

Courses considered for transfer will be evaluated by a transcript evaluator and will be accepted based on equivalency for program requirements. Certain colleges, departments, or programs (e.g., Nursing) may have specific expiration dates for transfer credits which will be applied during the transcript evaluation. Students have the first term of admission to reconcile transfer credit.

#### **Maximum Transfer Credit**

The maximum amount of total transfer credit from all transcripts and test scores is 90 credit hours. Credit hours awarded cannot exceed 90 total credits and are restricted by the sources below:

- Maximum of 90 credits from a regionally accredited four-year college or university
- Maximum of 60 credits from a community college or from American Council on Education (ACE) evaluation
- Maximum of 45 credits toward an associate's degree
- Maximum of 36 credits may be earned in passing courses by examination
- Maximum of 30 credits may be awarded for dual credit, or combined AP and IB
- Maximum of 15 credits of extension or continuing education
- Maximum of 4 credits in physical education/activity
- Only academic courses that carry a grade of C- or better will be accepted for transfer credit
- Repeated courses will only transfer credit once; the most recent attempt will be used for credit

### **Courses Receiving No Credit**

Hawai'i Pacific University does not accept the following types of courses for transfer credit:

- Courses from unaccredited institutions: Coursework taken at any institution not fully accredited by a regional U.S. accrediting association or not recognized by the Office of Admissions is not transferable
- Courses below college level: At Hawai'i Pacific University, courses include those numbered below 1000
- Developmental or remedial courses are not transferable
- Life experience, internship or practicum credit are not transferable\*  
(\*unless denoted as part of an articulation agreement)

### **Military Service or Schooling**

Coursework taken through military schools may be considered for credit on the basis of recommendations of the American Council on Education (ACE). The student's DD-214 or DD-295 form should be submitted along with either the Army/American Council on Education Registry Transcript System (AARTS), Sailor-Marine American Council on Education Registry Transcript (SMART), Joint Services Transcript (JST), or Community College of the Air Force (CCF).

### **Courses with Non-traditional Grades**

Courses completed with non-traditional grades such as CR (credit), P (pass), or S (satisfactory) may be transferrable only if the grade represents a C- or higher. Courses with non-traditional grades are generally only accepted as elective credit and do not fulfill University, college, school, or departmental requirements.

### **Current Student Transfer Credit**

All transfer credit taken at another institution while concurrently enrolled as a Hawai'i Pacific University student are subject to approval by the University before transfer credit will be accepted. It is recommended to see an academic advisor to complete the process for credit approval.

## **GENERAL EDUCATION TRANSFER CREDIT**

Completion of the full CSU GE Breadth certification (CSU Cert) or University of California Intersegmental General Education Transfer Curriculum (UC IGETC) certification, or an Associate of Arts degree (with embedded CSU/IGETC requirements) from a community college, or equivalent GE transfer degree or certification from an out-of-state community college prior to matriculation, satisfies GE areas excluding Hawai'i and the Pacific.

All other transfer credit is evaluated on a course-by-course basis, and may require the submission of course syllabi or catalog descriptions.



## **INTERNATIONAL TRANSFER CREDIT**

Hawai'i Pacific University accepts academic credit earned at international institutions that are fully accredited by their country's Ministry of Education, but only if the courses meet general transfer credit policies. Evaluation of credit is done at the time of admission based on official English-translated transcripts and course descriptions.

## **TRANSFER AND CUMULATIVE GPA CALCULATION**

- All transferable credit attempted is calculated into the transfer and cumulative GPAs. This includes courses not meeting the minimum "C-" grade for transfer.
- When a course is repeated in transfer from one or more transfer institutions, the credit and grade for the course with the higher grade is counted in the transfer and cumulative GPAs.
- When a course is repeated between Hawai'i Pacific University and a transfer institution, only credit for one course will apply, and both grades are calculated into the cumulative GPA.

## **CREDIT BY EXAMINATION**

Hawai'i Pacific University recognizes and accepts the use of national standardized and recognized testing instruments to measure knowledge acquired outside the classroom. Credit may be granted only for exams that meet Hawai'i Pacific University standards. Regarding AP, IB, CLEP, and DSST examinations and acceptable minimum scores for approved exams, score requirements, and credit granted, see the HPU website under "Transfer Credits."

### **College-Level Examination Program (CLEP) and DANTES Subject Standardized Test (DSST)**

The College Level Examination Program enables students to earn college credit by examination in areas approved by the disciplines. Classified students may take CLEP tests to demonstrate college level competency no matter when, where, or how this knowledge has been acquired: through formal study, private reading, employment experiences, non-credit courses, military/industrial/business training, or advanced work in regular high school courses. This program gives individuals the opportunity to validate and receive credit for college-level knowledge they already possess.

No student is eligible to take CLEP General Examinations for credit after reaching sophomore standing; i.e., the student must have completed not more than 24 credit hours of college work.

Credit is awarded for approved CLEP or DSST examinations and may apply toward General Education requirements. Students seeking to fulfill major requirements must have preapproval from the department chair. Only elective credit will be awarded for CLEP general exams.

Hawai'i Pacific University awards credit to students whose score meets the established minimum for approved CLEP and DANTES Subject Examinations. Only elective credit will be awarded for CLEP general exams.

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

### **Advanced Placement (AP)**

Credit is awarded for approved AP exams that meet the minimum score requirements. Students must submit an official AP score report to Hawai'i Pacific University for credit consideration.

### **International Baccalaureate (IB)**

Credit is awarded for approved IB exams that meet the minimum score and diploma requirements. Students must submit an official IB score report or diploma transcript to Hawai'i Pacific University for credit consideration.

### **Challenge Exams**

These are comprehensive exams that are created and administered within the University and test 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 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.

## **MAJOR COURSE OF STUDY**

The major course requirements vary depending upon the degree program and the curriculum required. Students are encouraged 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 credit 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 STUDY**

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 twelve (12) credits unique to each minor 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) 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 coursework 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. Credit 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 credit hours of coursework required in the new degree program subsequent to earning the first bachelor's degree. Those 30 credit 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 [NOTE: Servicemembers Opportunity Colleges (SOC) students should consult with their advisor regarding program requirements.]

## **CLASSIFICATION SYSTEM**

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 Written Communication and Information Literacy II course. Courses numbered at the 3000 level are considered to be junior-level courses. Courses numbered at the 4000 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 section of this catalog for more details.

## **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 offerings. 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 terms.

## **GENERAL PETITIONS**

The General Petition form is used when extenuating circumstances require that an exception be made to current policies. 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 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 as pass/fail must petition an academic advisor prior to or at the start of the term. Only 15 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 those 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. 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 term.

Only 15 credit 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 directed study registration form requesting to enroll in a directed study course, which must be approved by the dean of the college offering the course.

## **USE OF COURSES TO MEET UNIVERSITY GRADUATION REQUIREMENTS**

Courses may be counted only once toward fulfilling the 120-credit requirement to earn a baccalaureate degree at HPU. Under certain circumstances (described below), a course can be used to satisfy more than one University requirement (e.g., major, minor, General Education), but mathematically the credits can only count once toward the total number of credits needed.

Situations where a course can be used to satisfy University requirements are:

1. A course may satisfy both a General Education requirement and a lower-division major requirement up to a maximum of 4 courses.
2. An upper-division course may fulfill a requirement for more than one major or minor.
3. In most cases, courses completed in the General Education and lower- and upper-

division requirements for a given degree program are applicable to a second major, minor, or degree.

4. After a baccalaureate degree is conferred, a minimum of 30 additional credits must be completed to fulfill the requirements for an additional major or degree. Even if a student graduates with more than the 120 credits required for a baccalaureate degree, a minimum of 30 additional credits, including major, minor, or other degree requirements, must be completed.
5. Certain courses may be taken more than once for academic credit. Repeatable courses will receive credit each time up to the limit specified in the course description.

## **ACADEMIC YEAR**

The academic year consists of fall, winter, spring, and summer terms. Fall term begins in late August or early September, and consists of 15 weeks of classes, including a week for final examinations. Spring term begins in mid-January and consists of 15 weeks of classes (with a one-week spring recess), including a week for final examinations. There are two eight-week sessions within each fall and spring term.

The Winter term runs for approximately four weeks between the fall and spring terms. The summer term begins in mid-May and runs for 14 weeks. During this summer term, there are three sessions of four weeks, two sessions of seven weeks, and one session of eight weeks, as well as classes that run the full 14 weeks.

## **CLASS SCHEDULES**

During the regular 15-week fall and spring terms, 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 the Winter term or Summer term, individual class sessions are generally scheduled in Monday-Wednesday-Friday or Tuesday-Thursday-Saturday sequences, or online.

Courses scheduled on military base locations follow a hybrid format. The classes consist of five instructional hours per week with three hours conducted in the classroom and two hours of interactive online coursework. In addition, students are required to complete approximately ten hours of homework per week. Some exceptions may apply.

A schedule of courses is published for each term and is available through Pipeline or by utilizing the "Course Search" link on the HPU Registrar's Office website. ([www.hpu.edu/Registrar](http://www.hpu.edu/Registrar)).

## **CLASS STANDING**

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

FRESHMAN	1-30 credit hours completed
SOPHOMORE	31-60 credit hours completed
JUNIOR	61-89 credit hours completed
SENIOR	90 or more credit hours completed

## **COURSE LOADS**

For undergraduate students, the minimum full-time load is 12 credit hours; the normal full-

time load is 15; and the maximum course load for a student with a GPA of 3.00 or higher and with the consent of an academic advisor is 16 credit hours. (For information on graduate course loads, refer to the section on graduate studies.) The maximum course load for students registering for Off-Campus/Military Campus Programs courses are as follows: 8-week session=9 credit hours, 4-week session=6 credit hours.

A student on probation, having a GPA below 2.00, may register for a maximum of 12 credit hours in a fall or spring term.

All undergraduate students seeking to enroll for 17 or more credit hours must meet with an academic advisor to request permission. Students may incur additional tuition and fees for an overload.

## **CHANGE IN REGISTRATION (ADD/DROP)**

Courses may be changed only in accordance on the [academic calendar](#) for each term or session. All paper Add/Drop-Withdrawal forms submitted after the published deadlines are subject to a processing fee. Students receiving financial aid should consult with a financial aid counselor if the change will increase or decrease the amount of credits for which they are registered. International students on F-1 VISA status must be registered full-time to remain in status according to Department of Homeland Security guidelines. Students with registration holds will be required to clear them prior to any course changes.

Students who are having extreme difficulty in these courses should make every effort to work with their instructors, writing lab tutors, and/or tutors in the Center for Academic Success to gain additional support for improving their academic performance. A student who must withdraw or who receives a grade lower than a C- in one of these courses should register for the course again in the next term to avoid falling behind. Since WRI 1150 is only offered in the fall term, a student who does not pass that course should enroll in WRI 1100 in the following winter or spring term. Students should also be cautious about withdrawing from MATH courses that are required for progression in their degree programs.

Students who wish to change their schedules may do so using one of the following options:

### **Web changes**

Students process course changes using HPU Pipeline in accordance with published deadlines. Students with registration holds are required to clear them prior to any course changes on the web.

### **In-person changes**

Students should obtain a paper Add/Drop-Withdrawal form from the Registrar's Office, Academic Advising, or military base location. A downloadable version is also available on the [Registrar's Office website](#). Students should fill out the pertinent information, sign the form, and take the form to an academic advisor for signature. Non-degree seeking (unclassified) students do not need an advisor approval. Students on financial aid must also take the form to the Financial Aid Office for signature. The academic advisor will direct the student to the appropriate office for final processing.

Deadlines to add and drop courses vary by term/session length. Refer to the [academic calendar](#) for important registration-related deadlines.

NOTE: 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 his/her 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.

## **WITHDRAWAL POLICY**

Any degree-seeking student discontinuing his or her studies at Hawai'i Pacific University is required to withdraw officially or apply for a leave of absence.

### **TYPES OF WITHDRAWAL:**

#### **Administrative**

Students are administratively withdrawn if:

1. They have not registered for classes within one year from the last term attended;
2. They have not returned to HPU when the approved period of the leave of absence has expired and have not applied for a continuation leave or regular withdrawal; or
3. They have not returned to HPU after the specified time from academic or disciplinary suspension, and the period of suspension has not been extended.

#### **Medical**

Upon the recommendation by a certified health care provider, a medical withdrawal may be granted by HPU. A medical/health clearance is required before the student can be considered for re-admission. A medical withdrawal cannot be an approved withdrawal unless documentation and proper paperwork is submitted. After the drop without a W grade deadline, all grades turn to W's; if NOT approved, all grades turn to F's.

#### **Voluntary**

It is a student's responsibility to file a notice of withdrawal with the Registrar's Office. Failure to do so may result in fees and unsatisfactory grades on a student's transcript, and will be taken into consideration should the student apply for re-admission.

### **REQUIREMENTS FOR THE WITHDRAWAL OR LEAVE OF ABSENCE PROGRAM:**

1. Complete the appropriate withdrawal or leave of absence form, bearing appropriate signatures.
2. Drop all classes.
3. Confirm with financial aid and the business office regarding payment policies.
4. International students must meet with International Student Services in order to process the proper immigration paperwork.
5. Submit supplemental paperwork if needed.

***THE ABOVE STEPS MUST BE COMPLETED BEFORE ACTION CAN BE TAKEN ON YOUR WITHDRAWAL OR LEAVE OF ABSENCE APPLICATION. COMPLETION OF ALL PROPER PAPERWORK IS THE RESPONSIBILITY OF THE STUDENT.***

### **LEAVE OF ABSENCE**

A student maintains "continuous enrollment" by being enrolled in courses at the University throughout each fall and spring term 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 academic 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) 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.

## **DEFERRAL OF ENROLLMENT POLICY**

Students who have been offered admission to a degree program at Hawai'i Pacific University and have NOT attended any classes may request a deferral of enrollment for up to one year from admission term by submitting the \$200 enrollment deposit and the intent to enroll form. Deferment pertains only to admission to the university, not admission to a particular major or program.

Deferral requests are not automatically granted and will be evaluated by the Office of Admissions on a case-by-case basis. Last day to defer is the Friday before the start of classes for the term of admission. If admission is deferred, there is no guarantee of scholarships or aid.

During the deferral period, the student will not apply or enroll at another college as a degree-seeking candidate, and will not hold a deferral at another institution. Students who are found to have applied to other colleges or universities during the deferral period will have their admission revoked.

### **Requirements for the Deferred Enrollment Program:**

1. Students who wish to defer their enrollment must submit the required, non-refundable enrollment deposit and complete the Deferral Form.
2. Students who are granted approval to defer their enrollment should understand that their approval is contingent upon successful completion of any coursework in progress at the time approval is granted.
3. A final official school transcript must be forwarded to Hawai'i Pacific University's Office of Admission.

***THE ABOVE STEPS MUST BE COMPLETED BEFORE ACTION CAN BE TAKEN ON YOUR DEFERRAL REQUEST. COMPLETION OF ALL DEFERRAL PROCEDURES IS THE RESPONSIBILITY OF THE APPLICANT.***

## **READMISSION POLICY**

A candidate for readmission to Hawai'i Pacific University is an individual who was admitted and who attended the University as a degree-seeking student. A readmission applicant is defined as one who has not enrolled in classes for one year or longer.

Readmitted students fall under the catalog year of readmission, and are responsible for the graduation requirements and academic policies which exist at the time of re-entrance.

All special circumstances for readmission must be approved by petition.



The university will require an applicant for readmission to provide supplementary information as is needed for proper consideration. Please contact admission for questions.

Reapplications fall under the current term scholarship and financial aid requirements.

Students under academic suspension are ineligible for readmission for one calendar year. They should present evidence of successful achievement at another college or university as part of their application for readmission.

Applications for readmission are reviewed individually. Decisions are based upon such factors as previous level of achievement, reasons for withdrawal, the candidate's potential for successfully completing a degree program, and institutional capacity.

### **PROCESS OF READMISSION**

1. Complete and file the application for readmission to the Admission Office. Pay reapplication fee.
2. Submit an official transcript if student has attended another college or university since leaving Hawai'i Pacific University.
3. Submit a letter from a certified health care provider stating the status of the student's health if withdrawn for medical reasons.
4. A personal interview may be required as circumstances warrant.
5. Clear any previous university holds.

***THE ABOVE STEPS MUST BE COMPLETED BEFORE ACTION CAN BE TAKEN ON AN APPLICATION. COMPLETION OF ALL ADMISSIONS PROCEDURES IS THE RESPONSIBILITY OF THE APPLICANT.***

### **REFUND POLICY**

Refund policies are noted on the policy sheet provided during registration and are subject to change. Registration policies and payment deadlines for all parts of term are available on the [academic calendar](#) website.

During the 15-week fall and spring terms, the University adheres to the following schedule for tuition refunds when a student drops or withdraws from a class or classes:

1. Withdrawal through the first week of class = 100% refund, 0% student responsibility for payment
2. Withdrawal through the second week of class = 50% refund, 50% student responsibility for payment
3. Withdrawal through the fourth week of class = 25% refund, 75% student responsibility for payment
4. Withdrawal after the fourth week of class = 0% refund, 100% student responsibility for payment

Federal refund policy will apply to students receiving financial aid. Refer to the HPU website at [www.hpu.edu/Business\\_Office/FinAidRefund.html](http://www.hpu.edu/Business_Office/FinAidRefund.html) for specific information.

### **PETITION TO GRADUATE**

Students completing their program course requirements by the end of a given term must complete a Petition to Graduate (PTG) form, available online or in the Registrar's Office, Academic Advising, and military base locations. The completed form should be submitted to the student's academic advisor for approval by the deadline published on the [academic calendar](#). Students must submit a PTG whether or not they intend to participate in the

commencement ceremony.

An account balance hold does not prevent a student from submitting a PTG, but it will stop HPU from issuing a student's diploma and transcripts until the financial hold is resolved. Students with an account balance hold on their record should contact the Business Office to make arrangements to clear the hold.

## **RECORD OF STUDENT INFORMATION**

Changes to a student's contact information (addresses, phone numbers, email, emergency contact, etc.) may be updated online using HPU Pipeline, or submitted in writing to the Registrar's Office. Students may also submit changes by email from their my.hpu.edu account. Requests to update a student's name, social security number, or date of birth must be made in writing to the Registrar's Office and include supporting documentation (e.g., copy of marriage license, divorce decree, etc.).

## **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. The request must include 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 amendment of the 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. Email 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
- n. Participation in officially recognized activities and sports
- o. Weight and height of members of athletic teams

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 [www.hpu.edu/ferpa](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 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 Hawai’i 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 Hawai’i Pacific University to comply with the requirements of FERPA.

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

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

Questions regarding the rights and release of information that this Act provides to Hawai’i

Pacific University students should be directed to the University Registrar:

Registrar's Office  
1164 Bishop Street, Suite 216  
Honolulu, Hawai'i 96813  
Tel. (808) 544-0239  
Email: [registrar@hpu.edu](mailto: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 [www.hpu.edu/transcripts](http://www.hpu.edu/transcripts). The student must pay the transcript fee and settle any outstanding obligations with the University before a transcript can 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 University 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 course syllabi. Letter grades are awarded by instructors according to a 4.0 scale, outlined as follows:

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 or 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.

The GPA is determined by dividing the total number of quality points earned by the total

number of GPA credit hours. The GPA is calculated to two decimal points without rounding.

## **COURSE INCOMPLETE POLICY**

The assignment of incomplete grades is reserved for cases of illness, unforeseen predicaments, military assignments, or other emergencies that prevent a student from completing the course by the due date, normally after the last day to drop without a W grade. In such cases, the instructor should ask for documentation and has the option of issuing an “Incomplete” grade at the end of the term. If granted, the “Incomplete” grade will allow a student a maximum period of six months to complete the appropriate coursework. If the student does not complete the assignments and the instructor does not submit a grade to the Registrar’s Office by the end of the six-month period, a grade of “F” will be assigned. A student cannot graduate with an outstanding “Incomplete” grade.

## **COURSE REPEAT POLICY**

Undergraduate students who receive a grade in a course that is lower than C may repeat that course. Only the last grade attained in a repeated course will be used in the calculation of the student’s grade point average (GPA). An undergraduate student cannot repeat any course for credit in which a grade of C or better is earned unless the course is defined in the current catalog as repeatable for credit. If a course is designated in the catalog as repeatable, then all grades earned in the allowed course attempts will be calculated into the GPA.

If an undergraduate student wants to repeat a course in which a grade of C or better was earned, neither the credit nor the second grade will replace the first course attempt. Requests to repeat a course in which a grade of C or better is earned, and the course is not designated as repeatable in the catalog, shall require the consent of the department chair and the dean of the college in which the course is offered.

Graduate students who receive a grade lower than B may repeat that course only once more. Only the last grade earned will be calculated into the GPA. A graduate student cannot repeat any course for credit in which a grade of B or better is earned unless the course is defined in the current catalog as repeatable for credit or if the repeat is approved by the department chair and the dean of the college in which the course is offered. If a course is designated in the catalog as repeatable, then all grades earned in the allowed course attempts will be calculated into the GPA.

The following rules apply to any student who repeats a course for credit:

1. Any course being repeated must be taken in a graded status A–F unless the course is only offered on a pass/fail basis.
2. When a course is repeated, all applicable tuition and required fees apply.
3. Credit toward a degree with a passing grade of D or higher may be earned only once for a particular course unless a department or division has, in other policies, allowed for multiple credits from that course.
4. If the subject code or course number has changed since the student completed the initial course attempt, the department or program offering the course will verify that the repeated course is substantially the same in order to have the policy apply.
5. If the initial course is a cross-listed course, a student may apply the policy in any course in which the initial course is cross-listed and is currently equivalent. If the initial attempt of a course has a modifier such as university honors, the repeated course is not required to have the same course modifier.

Once a bachelor's or a master's degree has been granted by HPU, repeating courses for any reason (as a special status or post-baccalaureate student) will not affect the GPA or content of the degree already earned.

Students are strongly encouraged to visit with an academic advisor to determine whether repeating a course is in their best interest. Repeating a course may have an impact on financial aid, insurance, entrance to professional schools, participation in athletics or other extra-curricular activities, immigration status, and other matters.

## **HONORS AT GRADUATION**

Honors are based upon the Honors Point Average (HPA). The honors grade point average is based upon the student's entire academic history. This includes grades for all coursework taken at all institutions of higher learning, including repeated courses.

The commencement program is printed prior to final grades being posted to the students' records. However, grades posted from Session 8A will be included in the honors calculation for the program. Students qualifying for honors at the time of the ceremony have the appropriate honors indicated in the program and are presented with an honors sash to wear at the ceremony.

Honors, as defined below, are based upon all completed courses and grades. Final graduation status, including the awarding of degrees and honors, is determined and certified by the university registrar as posted to the official academic transcript, six to eight weeks after the end of the term.

### ***Honors are awarded based upon the following criteria:***

#### ***Associate Degree:***

Students completing an associate degree may graduate with the designation "With Honors" by completing at least 24 credit hours of coursework at the university and having a minimum grade point average (GPA) of 3.4 for HPU courses and a minimum honors point average (HPA) of 3.4.

#### ***Baccalaureate Degree:***

Undergraduate students in a baccalaureate degree program may graduate with "Latin honors" if they have completed at least 45 credit hours of coursework at the university. They must have earned a minimum grade point average (GPA) of 3.4 for HPU courses and have achieved the requisite honors point average (HPA) requirements. The corresponding honors designation for the baccalaureate degrees are as follows:

- 3.4–3.69 Cum Laude
- 3.7–3.89 Magna Cum Laude
- 3.9–4.00 Summa Cum Laude

#### ***Graduate Degree:***

Students with a minimum GPA of 3.8 are considered for the award of "With Distinction" at graduation. Specific requirements include:

- Completion of at least 15 credit hours of work at HPU for all graduate programs except for: 27 credits toward the MATESOL or 33 credits for a joint degree program
- A minimum honors point average (HPA) of at least 3.8 for all graduate coursework completed at any college or university

## **DEAN'S LIST**

At the end of the fall and spring term, full-time undergraduate students (12 or more earned hours of credit) who have earned a GPA of 3.5 or better for the term just completed, are recognized by being placed on the Dean's List by the Provost/Vice President of Academic Affairs. This honor

becomes a permanent part of the student's academic record and is printed on the transcript.

The college programs requiring practicums or clinical courses in their major, who determine success by a designation of pass/fail credit for those courses, may use the following amended calculation to determine student Dean's list designation:

- Students must achieve 12 or more earned credit hours for the term.
- A minimum of 6 of the 12 credits must receive a grade designation; however, all of the student's graded credits for the term will be used to determine the term GPA.
- Students must pass any course designated as pass/fail.
- Pass/fail determinations are not defined as graded credits. The number of pass/fail course credits will not be added in the calculation that determines the term GPA.

## **ACADEMIC PROBATION, SUSPENSION, AND DISMISSAL**

Undergraduate students must maintain the minimum GPAs listed below to remain in good academic standing. The number of credit hours attempted and the corresponding GPA are as follows:

Credit Hours Attempted	GPA
Required 12-60	1.8
Over 60	2.0

After attempting more than 12 credits, a student who does not meet the minimum requirements will be placed on academic probation. Students enrolled part-time will be evaluated after 15 credit hours have been attempted.

Students enrolled in a major with a higher GPA requirement than the standard listed above will be evaluated on the major's higher standard.

At the end of each fall and spring term, students will be placed on probation when their cumulative GPA falls below the standard listed above for the cumulative credits attempted.

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 credit hours or less during a spring or fall term.

Students who do not raise their GPA to the accepted level outlined above by the end of the next spring term will be subject to academic suspension. Thus, a student placed on probation at the end of one spring term could continue on probation for the following fall term and into the next spring. Students who do not raise their GPA to the required level, based on credits attempted, by the next spring term will be subject to academic suspension.

Suspension appeals are a formalized process initiated by the student and submitted to the Provost/Vice President of Academic Affairs or his or her designee. Students approved to return will remain on continued probation for the term in which they return. A student whose suspension appeal has been approved may not appeal a subsequent suspension.

Students who have successfully appealed their suspension will be placed on continued probation status. Students who fail to raise their GPA to the published standard by the end of the next spring term after their suspension has been lifted, will be subject to dismissal, which is final.

## **ACADEMIC INTEGRITY POLICY**

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. A student who cheats on an academic exercise, lends unauthorized assistance to others, or 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. For details on the Academic Integrity Policy, go to the Student Handbook at [www.hpu.edu/studenthandbook](http://www.hpu.edu/studenthandbook).

### **ACADEMIC GRADE APPEAL PROCEDURES**

A student has the right to appeal a final course grade when the student believes that the assigned grade does not reflect what the student has earned, according to the criteria for grading as outlined by the instructor of the course. It is the responsibility of the instructor of each course to define his/her grading policy and criteria at the beginning of the term and as explicitly as possible. If there is any deviation from this original statement of grading criteria due to extenuating circumstances, all affected students must be informed. It is assumed that the final course grade assigned is correct; thus the student appealing that grade must justify the need for a change of the grade assigned. Students who desire to appeal a final course grade must follow the process described as noted in the Student Handbook at [www.hpu.edu/studenthandbook](http://www.hpu.edu/studenthandbook).

### **ACADEMIC GRIEVANCE PROCEDURES**

Students with individual grievances concerning unfair treatment in the course of their studies must follow the procedures as noted in the Student Handbook at [www.hpu.edu/studenthandbook](http://www.hpu.edu/studenthandbook).





# ADDITIONAL SUPPORT SERVICES



## UNIVERSITY LIBRARIES AND LEARNING COMMONS

Hawai'i Pacific University maintains three sites: 1) Meader Library on the downtown campus, 2) Atherton Library at Hawaii Loa, and 3) the HPU Aloha Tower Marketplace Learning Commons (operated in conjunction with Information Technology Services). 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 and Learning Commons support student learning and faculty research with innovative services, resources, and facilities. They further serve as gathering places for study, collaboration, and instruction, with the goal of exemplifying the mission and shared values of the institution.

### **The Collections**

The HPU Libraries' collections contain databases, electronic books, print books, periodicals (magazines, journals, and newspapers), and media. The books are classified according to the Library of Congress Classification System and are housed in both the Meader and Atherton libraries. Emphasis is given to acquiring titles that are academically oriented and relevant to the courses offered by the University. Books, ebooks, journals, articles, streaming video, and more are available through the HPU Libraries' discover service (<https://hpu.on.worldcat.org/discovery>). Full text periodical online databases are available via the HPU Libraries' website (<https://hpu.edu/library>) and the Libraries tab on HPU Pipeline.

### **Reference and Instruction Services**

Reference and instruction services are offered in each library to provide professional assistance with student and faculty research. Both locations offer library instruction sessions to individuals and classes, new student group orientations, and in-class faculty-requested instruction. Librarians offer instructional sessions on an individual basis and in coordination with various scheduled classes. For off-campus access to research help, the Libraries tab in Pipeline has an "Ask Us! Chat with a Librarian" service staffed by reference librarians. The chat service can also be accessed through the course menus in Blackboard.

### **Access Services**

General library services are offered at each branch, including item check-outs and check-ins, book delivery services, reading assignments from instructors, interlibrary loan services, and cashier services for fines and fees. By request, books can be transported between the Meader and Atherton branches, and between the HPU Libraries and the Oceanic Institute.

### **Library Hours**

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

### **MEADER LIBRARY**

Meader Library is located on three 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). Study rooms, collaborative spaces, comfortable seating, and quiet study areas are provided throughout the library. Computer workstations, printers, photocopiers, media equipment, and wireless internet are also available. This library's collections are primarily devoted to Business, Social Sciences, Humanities, and

Computer Sciences. There are also collections of books to support students learning English and other languages.

### **Archives and Closed Collections**

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 Cooke Academic Center on the Hawaii 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 collections primarily support the Diplomacy and Military Studies, Environmental Science, Marine Science, Nursing, Public Health, and Social Work 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 majority of HPU Libraries' Hawaiian-Pacific Collection (books on Hawai'i and the Pacific region) are located in Atherton 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.

### **HPU ALOHA TOWER LEARNING COMMONS**

The HPU Aloha Tower Learning Commons, located on the ground floor of Aloha Tower Marketplace, is the centerpiece of the revitalized Aloha Tower Marketplace. It is a state-of-the-art learning and technology center that provides students and faculty with a modern space to collaborate, exchange ideas, socialize, and learn as a group. Additionally, the space enriches Honolulu's intellectual and cultural scene by providing a home for seminars on arts and culture, as well as think-tank sessions for a broad range of ages and demographics.

Students have access to both PC and Mac computers in the HPU Learning Commons. PC laptops are available for checkout by students. Wi-Fi access to the internet is available throughout the facility. The four collaborative meeting rooms have 60" monitors that allow students to share their laptop or mobile device displays. The meeting rooms are also equipped for web conferencing. There are various types of work spaces for students to use for studying or group collaborations.

### **INFORMATION TECHNOLOGY SERVICES**

The Information Technology Services (ITS) Division provides reporting and response systems for various types of computer system issues throughout the University via the ITS Service Desk. The ITS Service Desk supports HPU students, faculty, and staff with several software and hardware-related requests, including Pipeline accounts, Virtual Cloud support and associated academic applications, email, Blackboard (distance learning), and wireless connectivity.

Technical support is provided to all faculty and staff using University-provided computers and software. The ITS Service Desk may be contacted by email at [help@hpu.edu](mailto:help@hpu.edu), or by telephone at (808) 566-2411. Requests for assistance received during working hours are acknowledged within 24 hours or the following business day for after-hours requests.

### **Education Technology Center (Hawaii Loa Campus)**

The Education Technology Center (ETC) in the Academic Center on the Hawaii Loa Campus provides similar services as the main Computer Center downtown, with virtual cloud desktop access, printing, copying, and scanning services. The ETC also has a hands-on testing computer classroom available to faculty; and the room is also open to staff by reservation.

The official HPU identification card, the UniCard, is processed each term by the Education Technology Center for Hawaii Loa Campus students.

### **HPU Pipeline**

HPU Campus 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: personalize their calendars; review course schedules, financial aid status, and check grades; update mailing address; view course homepages; review course offerings for upcoming sessions; access library resources; link to many other resources and services; and access Blackboard courses.

Traditional face-to-face, online, and hybrid courses are accessed via Pipeline's Blackboard class links.

### **Internet Access**

All students and faculty of Hawai'i Pacific University have access to the internet, online resources, and academic software and documents through various cloud workstations located in the University libraries, the Computer Centers, the Education Technology Center (ETC), Student Center, Sharky's Cove, Veteran's Center, and Learning Commons. Additionally, the libraries and computer labs are equipped with iMacs. All students are given a university email address (@my.hpu.edu). Official university communication is sent only to this email address. While not institutionally required, it is highly recommended that all students consider owning their own personal computer and peripherals in order to accomplish their academic work.

### **Wireless Connectivity**

The HPU wireless network is available in all buildings and classrooms on the downtown campus, in the Academic Center and residence halls on the Hawaii Loa campus, as well as most facilities, including Aloha Tower Marketplace and the Oceanic Institute, and all military campus education center locations.

Wireless technology allows students and faculty to access their email, do research on the World Wide Web, and use other Internet resources to complete academic work. The wireless system also enables students and faculty to remotely access most of the programs available on the virtual cloud interface using the VMWare client.

The downtown Computer Center and ETC provide on-site assistance to students, faculty, and staff with configuring their computers for wireless use. The Service Desk is available by phone to assist with wireless setup of mobile devices, and an FAQ online is also available to guide with wireless connectivity setup.

## **TUTORING SERVICES**

The Center for Academic Success (CAS) offers free tutoring services for registered students and alumni at three locations. The main center is on the 6<sup>th</sup> floor of the Lower Bishop building.

Similar services, including math, sciences, and writing/research paper review, are provided in the Education Technology Center (ETC) on the Hawaii Loa campus. Evening/Weekend hours are offered in the Learning Commons at Aloha Tower Marketplace (ATM).

Tutoring is available for a wide variety of courses and subject areas such as accounting, computer science, economics, management, mathematics, modern languages, science, and all aspects of English, with heavy emphasis on both developmental and research 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. Instructors recommend HPU tutoring, as it is tailored to aid students in the mastery of basic skills as well as the further development and refinement of analytical skills, polishing of reports, professionalism in presentations, and other skills necessary for academic and career-related success. Use of the Center's computer lab for specified computer-assisted tutoring is also available.

## **OFF-CAMPUS/MILITARY CAMPUS PROGRAMS**

### **Mission**

Military Campus Programs specializes in helping military service members, their families, veterans, U.S. Government civilians and other non-traditional students achieve their educational and professional goals. We provide an American education built on a liberal arts foundation recognizing the need for flexibility without sacrificing academic integrity. We use various traditional and distance learning course delivery methods to educate our students to live, work, and learn in an ever-changing global society.

### **Program Availability**

Hawai'i Pacific University offers programs online and on several military installations on O'ahu:

- Joint Base Pearl Harbor-Hickam
- Marine Corps Base Hawai'i–Camp Smith
- Marine Corps Base Hawai'i–Kaneohe Bay
- Schofield Barracks
- Tripler Army Medical Center
- Coast Guard Station–Sand Island

Off-Campus/Military Campus Programs offers accelerated sessions throughout the academic year.

Civilian students without access to military installations are responsible for applying and picking up their base passes before the start of each term. Information about the base pass process is available at [www.hpu.edu/military](http://www.hpu.edu/military).

### **Application and Admission**

Military-affiliated and civilians with high school diploma or GED equivalent are eligible for admission to the Off-Campus/Military Campus Program. Department of Defense (DOD) and Veterans' education benefits or tuition assistance may be applicable for some applicants. The degree programs are non-sequential to facilitate entry at any point.

Off Campus/Military Campus Programs' office staff assist with the application and admission process. An application for admission is available online at [www.hpu.edu/admissions/apply\\_now](http://www.hpu.edu/admissions/apply_now). (Note: Undergraduate active duty Army students using tuition assistance must apply through the GoArmyEd Portal at [www.goarmyed.com](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 the conferral of a degree. Special

status students are eligible to take up to 15 credits without declaring a degree program.

Degree-seeking students with no prior college transfer credits must submit official high school transcripts or GED and pay a non-refundable application fee. Prospective students with at least 24 credit hours of transferable credits (prior university/college, CLEP/DSST) may not be required to submit high school or GED transcripts. However, students must provide official college transcripts confirming the 24 transferable credit hours.

Special status students must complete a special status application and submit a non-refundable application fee. If a special status student decides to pursue a degree, the student will need to pay a non-refundable application fee for the degree-seeking application. (Applicants to HPU's graduate programs should refer to the graduate admissions section.)

### **Course Registration**

A schedule of courses is available online at [www.hpu.edu/military](http://www.hpu.edu/military). All students may register through HPU's online portal, Campus Pipeline. All 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. For additional information contact OCP/MCP at [mcp@hpu.edu](mailto:mcp@hpu.edu).

Students may register in person for classes at any Off-Campus/Military Campus Programs office on O'ahu, the Military/Veteran Center, or through their campus Pipeline account. 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 HPU's online portal, Pipeline (Army students should register through GoArmyEd portal). Off-island students may also request a downloadable version of the registration form by contacting MCP via email at [mcponline@hpu.edu](mailto:mcponline@hpu.edu). For additional information, contact OCP/MCP at: (808) 544-1179.

### **Veterans' Benefits**

See Military/Veteran Service Center section in the Student Services section of this catalog for detailed information.

### **Online Courses**

Off-Campus/Military Campus Programs offers eligible students the opportunity to pursue their educational programs with HPU regardless of location. The OCP/MCP online program provides students the opportunity to complete courses with HPU toward its associate or select bachelor degrees. Online courses apply toward meeting residency requirements.

### **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 service members 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, the assistant dean, or dean.

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 credit hours with HPU, including 12 credit hours of major coursework 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

##### *Associate of Science*

- Computer Science
- Criminal Justice
- General Business
- Health Professions
- Homeland Security
- Mathematics
- Military Studies
- Supervisory Leadership

#### **Baccalaureate Degree Programs**

##### *Bachelor in Public Administration*

##### *Bachelor of Arts*

- History
- Human Resource Development
- Individualized Major
- International Studies
- Psychology

##### *Bachelor of Science*

- Business Administration
- Computer Science
- Criminal Justice
- Diplomacy and Military Studies

All associate degree programs and select baccalaureate degree programs are available in formats



of hybrid, online, or a combination of both. Refer to the Off-Campus/Military Campus Programs website at [www.hpu.edu/military](http://www.hpu.edu/military) for the most current list of degree programs available entirely online.

**Navy-College Program Distance Learning Program (NCPDLP) Partnership and EARMYU**

HPU participates as a partner in both the Navy College Program Distance Learning Partnership and EarmyU. Refer to the Off-Campus/Military Campus Programs website [www.hpu.edu/military](http://www.hpu.edu/military) for the most current information on these programs.

**Military National Test Centers**

Off-Campus/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 Barracks, and MCBH–Kaneohe Bay. Testing schedules vary by base. For additional information, email [mcptesting@hpu.edu](mailto:mcptesting@hpu.edu).





# UNDERGRADUATE PROGRAMS



# Undergraduate Programs

**H**awai'i Pacific University offers the following undergraduate degree programs and majors. Some of these programs include multiple concentration options. For more detailed information, please refer to the program requirement elsewhere in this catalog.

<p><b>College of Business</b>            Associate of Science <sup>1</sup>  <ul style="list-style-type: none"> <li>• General Business</li> </ul>           Bachelor of Science in Business Administration <sup>2</sup></p> <p><b>College of Extended and Interdisciplinary Education</b>            Associate of Arts <sup>1</sup>  <ul style="list-style-type: none"> <li>• General Studies</li> </ul>           Associate of Science <sup>1</sup>  <ul style="list-style-type: none"> <li>• Computer Science</li> <li>• Criminal Justice</li> <li>• Health Professions</li> <li>• Homeland Security</li> <li>• Mathematics</li> <li>• Military Studies</li> <li>• Supervisory Leadership</li> </ul>           Bachelor in Public Administration            Bachelor of Arts  <ul style="list-style-type: none"> <li>• Human Resource Development</li> <li>• Individualized Major <sup>3</sup></li> </ul>           Bachelor of Education in Elementary Education            Bachelor of Science  <ul style="list-style-type: none"> <li>• Criminal Justice</li> </ul>   <b>College of Health and Society</b>            Bachelor of Science in Nursing            Bachelor of Science in Public Health            Bachelor of Social Work</p>	<p><b>College of Liberal Arts</b>            Bachelor of Arts  <ul style="list-style-type: none"> <li>• Anthropology</li> <li>• Asian and Pacific Studies</li> <li>• Communication Studies</li> <li>• East-West Humanities</li> <li>• English</li> <li>• History<sup>2</sup></li> <li>• Integrated Multimedia</li> <li>• International Studies<sup>2</sup></li> <li>• Multimedia Cinematic Production</li> <li>• Political Science</li> <li>• Psychology<sup>2</sup></li> <li>• Teaching English to Speakers of Other Languages (TESOL)</li> </ul>           Bachelor of Science  <ul style="list-style-type: none"> <li>• Diplomacy and Military Studies<sup>2</sup></li> <li>• Mass Communication</li> </ul>   <b>College of Natural and Computational Sciences</b>            Bachelor of Arts  <ul style="list-style-type: none"> <li>• Environmental Studies</li> </ul>           Bachelor of Science  <ul style="list-style-type: none"> <li>• Biochemistry</li> <li>• Biology</li> <li>• Chemistry</li> <li>• Computer Science</li> <li>• Environmental Science</li> <li>• Marine Biology</li> <li>• Mathematics</li> <li>• Oceanography</li> </ul> </p>
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<sup>1</sup> Associate degrees are only available to military community students through the College of Extended and Interdisciplinary Education and the College of Business.

<sup>2</sup> Degree also delivered through College of Extended and Interdisciplinary Education online and on base through the Military Campus Programs.

<sup>3</sup> 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 academic advisor and program chair in the College of Extended and Interdisciplinary Education.

# Minors

Hawai'i Pacific University offers minor programs of study in many fields. Students may choose to pursue a minor in addition to their major field of study.

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 are required for a minor. Students must complete a minimum of six (6) credit hours of minor coursework in residence with HPU in order to be awarded the minor. Although the minor is not listed on the student's diploma, it does appear on the HPU transcript, provided that the student has completed all necessary coursework at the time the student's degree is 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 HPU transcript. Please refer to the "Minors" section of this catalog for specific requirements for each minor

## **College of Business**

- Accounting
- Business Economics
- Finance
- Hospitality and Tourism Management
- International Business
- Management
- Marketing

## **College of Extended and Interdisciplinary Education**

- Criminal Justice
- Human Resource Development
- Public Administration

## **College of Health and Society**

- Forensic Health Science
- Gerontology
- Health Promotion

## **College of Liberal Arts**

- Advertising/Public Relations
- American Studies
- Art History
- Classical Studies
- Communication Studies
- Diplomacy and Military Studies
- East-West Classical Studies
- English
- Film Studies
- Gender and Women's Studies
- Geography
- Global Communication
- History
- Humanities
- Industrial/Organizational Psychology
- International Studies
- Japanese

- Journalism
- Media Studies
- Multimedia
- Music
- Philosophy
- Political Science
- Psychology
- Religious Studies
- Social Sciences
- Spanish
- Speech Communication
- Studio Art
- Teaching English to Speakers of Other Languages (TESOL)
- Theater
- Writing

## **College of Natural and Computational Sciences**

- Biology
- Chemistry
- Computer Information Systems
- Computer Science
- Environmental Studies
- Mathematics
- Oceanography
- Physical Sciences
- Pre-Medical Studies

# GENERAL EDUCATION

The General Education Program at Hawai‘i Pacific University is designed to help students lead exultant and courageous lives as intelligent members of a complex society. By introducing students to different ways of knowing, the General Education Program challenges students to become creative and innovative, both within their chosen career fields and in their wider lives. In so doing, the General Education Program prepares students for the challenges and opportunities of the 21<sup>st</sup> century.

The purpose of the General Education Program is to provide students with a liberal arts foundation set in the rich cultural context of Hawai‘i. Diverse courses outside the major will inspire lifelong learning by introducing students to ideas, perspectives, and experiences relevant to their lives. The General Education Program cultivates the skills, knowledge, and values expected of all educated persons through the achievement of specific student learning outcomes.

The unique features of the General Education Program are the Hawaiian context and Hawai‘i’s place as the crossroads of the Pacific. This curriculum is delivered to an internationally diverse, engaged student body and emphasizes multidisciplinary approaches, applied learning, and experiential learning, rooted in a tropical island community.

The General Education Curriculum is aligned with the following Western Association of Schools and Colleges (WASC) core competencies: critical thinking, information literacy, oral communication, quantitative reasoning, and written communication.

## GENERAL EDUCATION PROGRAM OBJECTIVES:

The General Education Curriculum features three program objectives that are aligned with thirteen student learning outcomes:

### Skills (Mākau Na‘auao):

Students will develop skills in writing, quantitative reasoning, critical thinking, group process, and communication so they can find, evaluate, and implement information effectively to solve problems.

- **Critical Thinking** – Students will synthesize information from text and/or other media, explain issues, analyze concepts and evidence, assess assumptions, define their own perspectives and positions, and evaluate the implications and consequences of their conclusions.
- **Communication** – Students will organize their thoughts, feelings, concepts, and information, to effectively, clearly, and persuasively convey their perspectives through written, oral, or visual communication, in English or modern languages.
- **Information and Technology Literacy** – Students will recognize the need for information and will use technology to locate, interpret, determine the credibility of, and use the information effectively, ethically, and legally.
- **Quantitative Reasoning** – Students will interpret, calculate, analyze, represent, and clearly communicate quantitative information through mathematical tools (e.g. equations, graphs, or diagrams).
- **Creative Problem-Solving** – Students will define and research problems, identify problem-solving strategies, generate and select appropriate solutions, and evaluate their outcomes.
- **Aesthetic Appreciation and Expression** – Students will engage in creative practices to interpret creative works and express ideas through the arts.

- **Teamwork** – Students will identify best practices for effective teamwork and group dynamics, demonstrate strong interpersonal skills, and contribute in groups and resolve conflicts.

### **Knowledge and Perspectives ('Ike):**

Students will explore diverse social and cultural viewpoints and gain knowledge about the historical, geographical, natural, technological, and contemporary forces that impact and shape the world.

- **Natural Sciences** – Students will investigate the natural world, demonstrate problem-solving skills, and utilize the scientific method to develop hypotheses and propose experimental methods to describe, explain, and predict natural phenomena.
- **Historical and Conceptual Perspectives** – Students will investigate the major concepts, ideologies, and movements that have molded the development of human societies to interpret the temporal framework of contemporary society.
- **Sustainability** – Through a multidisciplinary perspective and applied, experiential learning opportunities, students will examine the interconnections and interdependency of ecological, social-cultural, and economic systems, and explain how the dynamics of these systems impact nature, human communities, and cultures.
- **Societies and Cultures** – Students will explore cross-cultural perspectives, investigate trends, and analyze issues of various communities. They will identify behaviors, thoughts, and perspectives that both distinguish regions, countries, languages and cultures from one another and connect them.

### **Values (Mea Waiwai):**

Students will discern and assess the values that underlie various critical positions, articulate their own values with coherence and integrity, and participate in community projects that bridges academia and the public good.

- **Civic Engagement** – Students will identify best practices in civic engagement and engage in efforts to constructively influence the public good.
- **Ethical Reasoning and Values** – Students will identify, articulate, and evaluate the ethical perspectives of others and themselves.

## **FIRST YEAR CORE CURRICULUM AREAS**

### **Hawai'i and the Pacific (3 credits – 1 course)**

This curriculum area provides multidisciplinary courses and is required for all HPU students (including transfer students with an Associate in Arts or Associate in Science Degree). Courses in this curriculum area are designed to deepen student awareness of the unique place where they have chosen to live and study. Multidisciplinary courses analyze historical developments, science, politics, values, art, geography, music, religion, and cultural practices within Hawai'i and across the Pacific.

Students successfully completing these courses will obtain the following skills, knowledge, perspectives, and values:

#### **Skills (Mākau Na 'auao):**

- **Aesthetic Appreciation and Expression** – Students will engage in creative practices to interpret creative works and express ideas through the arts

#### **Knowledge and Perspectives ('Ike):**

- **Historical and Conceptual Perspectives** – Students will investigate the major concepts, ideologies, and movements that have molded the development of human societies to interpret the temporal framework of contemporary society.

- *Sustainability* – Through a multidisciplinary perspective and applied, experiential learning opportunities, students will examine the interconnections and interdependency of ecological, social-cultural, and economic systems, and they will explain how the dynamics of these systems impact nature, human communities, and cultures.

**Values** (*Mea Waiwai*):

- *Civic Engagement* – Students will identify best practices in civic engagement and engage in efforts to constructively influence the public good.

Students must select one course from the following options:

AL	1050	Languages in the Pacific
ARTH	1001	Arts of Oceania
BIOL	2170	Ethnobotany: People and Plants
ENG	1101	Representations of Pacific Life
HAWN	1100	Beginning Hawaiian I
HIST	1558	Living History of Hawai‘i
PHIL	1001	Philosophies of Hawai‘i and the Pacific

Courses in this curriculum area must be taken in a student’s first year at HPU and are required for all HPU students (including transfer students with an Associate in Arts or Associate in Science Degree).

**Quantitative Analysis and Symbolic Reasoning (3 credits – 1 course)\***

Courses in this curriculum area prepare students for an increasingly data-driven society in which the ability to use and critically evaluate information, especially numerical information, is central to the role and requirements of an informed citizen. Students will acquire the skills necessary to identify and understand a given problem, organize relevant information and assumptions, form a conjecture, decide upon and apply an appropriate strategy, draw conclusions, and communicate the result to others. Through these processes, students will enhance their ability to make rational decisions based on data, and apply mathematical, statistical, or symbolic reasoning to complex problems and decision-making.

Students successfully completing these courses will obtain the following skills:

**Skills** (*Mākau Na ‘auao*)

- *Creative Problem-Solving* – Students will define and research problems, identify problem-solving strategies, generate and select appropriate solutions, and evaluate their outcomes.
- *Critical Thinking* – Students will synthesize information from text and/or other media, explain issues, analyze concepts and evidence, assess assumptions, define their own perspectives and positions, and evaluate the implications and consequences of their conclusions.
- *Quantitative Reasoning* – Students will interpret, calculate, analyze, represent, and clearly communicate quantitative information through mathematical tools (e.g. equations, graphs, or diagrams).

Students must select one course from the following options:

CSCI	1534	Data Analysis and Visualization-the Good, the Bad, the Ugly
MATH	1120	How Numbers Shape Our Lives
MATH	1123	Statistics
MATH	1130	Pre-calculus I
MATH	1150	Pre-calculus I and II Accelerated
MATH	2214	Calculus I
PHIL	2090	Principles of Logic

Courses in this curriculum area must be taken in a student's first year at HPU or directly following any required developmental mathematics course(s).

*\*Place out option: Students who score 630 or above on the SAT math or 28 or above on the ACT math may place out of the Quantitative Analysis and Symbolic Reasoning course requirement. Students will not receive course credit for a course in this category; however, they will have satisfied the Quantitative Analysis and Symbolic Reasoning course requirement.*

### **Written Communication and Information Literacy I (3 credits – 1 course)\***

The first course in this sequence facilitates students' entry into the intellectual life of Hawai'i Pacific University by helping them to become more capable and independent academic readers and writers. With their small section size and emphases on research, information literacy, the writing and revision process, critical analysis, and collaboration, courses in this curriculum area help students develop academic habits and skills important to their success in future courses.

Students successfully completing these courses will obtain the following skills:

#### **Skills** (*Mākau Na 'auao*):

- *Communication* (written) – Students will organize their thoughts, feelings, concepts, and information to effectively, clearly, and persuasively convey their perspectives through written language.
- *Critical Thinking* – Students will synthesize information from text and/or other media, explain issues, analyze concepts and evidence, assess assumptions, define their own perspectives and positions, and evaluate the implications and consequences of their conclusions.
- *Information and Technology Literacy* – Students will recognize the need for information and use technology to locate, interpret, determine the credibility of, and use the information effectively, ethically, and legally.

Courses in this curriculum area must be taken in the student's first year at HPU or directly following any required foundational writing course(s).

Students must select one course from the following options\*:

- |     |      |                                 |
|-----|------|---------------------------------|
| WRI | 1100 | Writing and Analyzing Arguments |
| WRI | 1150 | Literature and Argument         |

*\*Place out option: Students who score 630 or above on the SAT critical reading or 28 or above on the ACT English may place out of the Written Communication and Information Literacy I course requirement. Students will not receive course credit for a course in this category; however, they will have satisfied the Written Communication and Information Literacy I course requirement.*

### **Written Communication and Information Literacy II (3 credits – 1 course)**

The second course in this sequence further facilitates students' entry into the intellectual life of Hawai'i Pacific University by helping them to become more capable and independent academic readers and writers. With their small section size and emphases on research, information literacy, the writing and revision process, critical analysis, and collaboration, courses in this curriculum area help students develop academic habits and skills important to their success in future courses.

Students successfully completing these courses will obtain the following skills:



**Skills** (*Mākau Na ‘auao*):

- *Communication (written)* – Students will organize their thoughts, feelings, concepts, and information to effectively, clearly, and persuasively convey their perspectives through written language.
- *Critical Thinking* – Students will synthesize information from text and/or other media, explain issues, analyze concepts and evidence, assess assumptions, define their own perspectives and positions, and evaluate the implications and consequences of their conclusions.
- *Information and Technology Literacy* – Students will recognize the need for information and use technology to locate, interpret, determine the credibility of, and use the information effectively, ethically, and legally.

Students must select one course from the following options:

WRI	1200	Research, Argument, and Writing
WRI	1250	Introduction to Research in the Humanities

**GENERAL EDUCATION CORE CURRICULUM AREAS**

**The American Experience (3 credits – 1 course)**

Courses in this curriculum area explore multiple histories, social movements, cultural heritages, and belief systems that shape the United States – its norms, laws, public policies and discourses– in the context of the country’s rich and varied cultural diversity. Students will develop oral communication skills, consider ethical and social decisions from multiple perspectives, explore individual and group beliefs, and critically examine factors supporting and sustaining inequitable treatment of groups of people in the U.S.

Students successfully completing these courses will obtain the following skills, knowledge, perspectives, and values:

**Skills** (*Mākau Na ‘auao*):

- *Communication (oral)* – Students will organize their thoughts, feelings, concepts, and information to effectively, clearly and persuasively convey their perspectives through oral presentations.

**Knowledge and Perspectives** (*‘Ike*):

- *Historical and Conceptual Perspectives* – Students will investigate the major concepts, ideologies, and movements that have molded the development of human societies to interpret the temporal framework of contemporary society.
- *Societies and Cultures* – Students will explore cross-cultural perspectives, investigate trends, and analyze issues of various communities. They will identify behaviors, thoughts, and perspectives that both distinguish regions, countries, languages, and cultures from one another and connect them.

**Values** (*Mea Waiwai*):

- *Ethical Reasoning and Values* – Students will identify, articulate, and evaluate the ethical perspectives of others and themselves.

Students must select one course from the following options:

AMST	2000	Topics in American Studies
HIST	1401	American Stories: Themes in American History to 1877
HIST	1402	The American Experience: 1865 to the Present
HUM	1270	Introduction to Gender and Women’s Studies
PADM	1000	Introduction to Leadership in America
PHIL	2500	Ethics in America



PSCI	1400	American Political System
SOC	1000	Introduction to Sociology

### **Creative Arts (3 credits – 1 course)**

The creative arts celebrate the human capacity to imagine, create, and transform ideas into expressive forms, such as paintings, poems, music, theater, digital design, and photography. Courses in this curriculum area introduce students to ways of experiencing and understanding a variety of artistic concepts, structures, and forms. Students will engage in imaginative and intuitive practices to develop their ability to understand creative works and express ideas through the arts.

Students successfully completing these courses will obtain the following skills, knowledge, and perspectives:

#### **Skills** (*Mākau Na ‘auao*):

- *Aesthetic Appreciation and Expression* – Students will engage in creative practices to interpret creative works and express ideas through the arts.
- *Communication* – Students will organize their thoughts, feelings, concepts, and information, to effectively, clearly, and persuasively convey their perspectives through written, oral, or visual communication in English or modern languages.

#### **Knowledge and Perspectives** (*‘Ike*):

- *Societies and Cultures* – Students will explore cross-cultural perspectives, investigate trends, and analyze issues of various communities. They will identify behaviors, thoughts, and perspectives that both distinguish regions, countries, languages, and cultures from one another and connect them.

Students must select one course from the following options:

ARTH	2301	Topics in World Art History
ARTS	1000	Introduction to Visual Arts
ARTS	2150	Introduction to Design
ENG	2000	The Art of Literature
MUS	1000	Introduction to Western Classical Music
MUS	2101	Music in World Culture
THEA	2320	Acting I: Basic Acting for Stage and Screen
WRI	2601	Introduction to Creative Writing

### **Critical Thinking and Expression (3 credits – 1 course)**

Critical thinking intersects with oral, written, and visual communication skills as fundamental proficiencies required for academic, professional, and personal success. Courses in this curriculum area prepare students to think critically about questions of fact, value, or concept. Students will learn the techniques, strategies, and methods of critical thinking, practice oral and visual communication skills, and demonstrate the ability to express ideas and arguments clearly and coherently.

Students successfully completing these courses will obtain the following skills:

#### **Skills** (*Mākau Na ‘auao*):

- *Communication (oral)* – Students will organize their thoughts, feelings, concepts, and information, to effectively, clearly, and persuasively convey their perspectives through oral presentations.
- *Communication (visual)* – Students will organize their thoughts, feelings, concepts, and information, to effectively, clearly, and persuasively convey their perspectives through visual communication.

- *Creative Problem-Solving* – Students will define and research problems, identify problem-solving strategies, generate and select appropriate solutions, and evaluate their outcomes.
- *Critical Thinking* – Students will synthesize information from text and/or other media, explain issues, analyze concepts and evidence, assess assumptions, define their own perspectives and positions, and evaluate the implications and consequences of their conclusions.

Students must select one course from the following options:

COM	1000	Introduction to Communication Skills
COM	2000	Public Speaking
ECON	2010	Principles of Microeconomics
ENG	2100	Ways of Reading: Film, Literature, Culture
GEOG	2000	Visualizing Human Geography
HIST	1717	Reacting to the Past
PSY	1000	Introduction to Psychology

*\*It is highly recommended that students fulfill this curriculum area requirement early in their degree plan.*

### **Global Crossroads and Diversity (3 credits – 1 course)**

Courses in this curriculum area explore cross-cultural perspectives and selected concepts that underscore contemporary issues of global concern. Students will develop awareness of cultural practices and traditions in the context of a changing, globalizing world while reflecting on their own values and customs. Students will learn exchange ideas and connect with diverse communities and cultures.

Students successfully completing these courses will obtain the following skills, knowledge, and perspectives:

#### **Skills (*Mākau Na ‘auao*):**

- *Teamwork* – Students will identify best practices for effective teamwork and group dynamics, demonstrate strong interpersonal skills, and contribute in groups and resolve conflicts.

#### **Knowledge and Perspectives (*‘Ike*):**

- *Historical and Conceptual Perspectives* – Students will investigate the major concepts, ideologies, and movements that have molded the development of human societies to interpret the temporal framework of contemporary society.
- *Societies and Cultures* – Students will explore cross-cultural perspectives, investigate trends and analyze issues of various communities. They will identify behaviors, thoughts, and perspectives that both distinguish regions, countries, languages, and cultures from one another and connect them.

Students must select one course from the following options:

AL	2000	Introduction to Linguistics
ANTH	2000	Cultural Anthropology
GEOG	1500	World Regional Geography
HIST	1002	Global Crossroads: 1500 – Present
INTR	1000	The International System
MULT	2000	Global Cinema Studies
PH	2060	Comparative Healthcare Systems
REL	1000	Introduction to World Religions

### **The Natural World (3 credits – 1 course)**

Courses in this curriculum area focus on the nature of discovery, scientific reasoning, and invention to develop critical awareness of the methods and limits of scientific inquiry. Students will cultivate observational and analytical skills, particularly in reference to the natural world.

Students successfully completing these courses will obtain the following skills, knowledge, and perspectives:

#### **Skills** (*Mākau Na ‘auao*):

- *Quantitative Reasoning* – Students will interpret, calculate, analyze, represent, and clearly communicate quantitative information through mathematical tools (e.g. equations, graphs, or diagrams).
- *Creative Problem-Solving* – Students will define and research problems, identify problem-solving strategies, generate and select appropriate solutions, and evaluate their outcomes.

#### **Knowledge and Perspectives** (*‘Ike*):

- *Natural Sciences* – Students will investigate the natural world, demonstrate problem-solving skills, and utilize the scientific method to develop hypotheses and propose experimental methods to describe, explain, and predict natural phenomena.

Students must select one course from the following options:

BIOL	1000	Introductory Biology
CHEM	1000	Introductory Chemistry
CHEM	2050	General Chemistry I
GEOG	1000	Introduction to Physical Geography
GEOL	1000	The Dynamic Earth
MARS	1000	Introductory Oceanography
MARS	2110	Ocean Environments of the Pacific Islands
PHYS	1020	Astronomy

### **The Sustainable World (3 credits – 1 course)**

Courses in this curricular area help students understand the changing world they live in and become active contributors as society seeks to achieve sustainability. Students will examine, through multidisciplinary perspectives, the inherent connection between natural, social, and economic systems and engage in applied and experiential learning opportunities. Students will engage in community activities that encourage them to think of a future they wish to create, rather than react to present problems by reductive problem solving.

Students successfully completing these courses will obtain the following skills, knowledge, perspectives, and values:

#### **Skills** (*Mākau Na ‘auao*):

- *Teamwork* – Students will identify best practices for effective teamwork and group dynamics, demonstrate strong interpersonal skills, and contribute in groups, and resolve conflicts.

#### **Knowledge and Perspectives** (*‘Ike*):

- *Natural Sciences* – Students will investigate the natural world, develop problem-solving skills, and utilize the scientific method to develop hypotheses and propose experimental methods to describe, explain, and predict natural phenomena.
- *Sustainability* – Through a multidisciplinary perspective and applied, experiential learning opportunities, students will examine the interconnections and interdependency of ecological, social-cultural, and economic systems, and explain how the dynamics of these systems impact nature, human communities, and cultures.

### Values (*Mea Waiwai*):

- *Civic Engagement* – Students will identify best practices in civic engagement and engage in efforts to constructively influence the public good.

Students must select one course from the following options:

AQUA	1200	Global Aquaculture for Food Security and Conservation
ARTS	1003	Sustainable Art and Design
BIOL	1500	Conservation Biology
ENVS	1000	The Sustainability Challenge
ENVS	1030	Tropical Ecology and Sustainability
HIST	3650	History of Oil in the Modern World
MARS	1500	Marine Biology and Global Oceans
SWRK	2010	Social Sustainability, Social Work, and Entrepreneurship

### Technology and Innovation (3 credits – 1 course)

Courses in this curriculum area explore technology systems and processes in order to develop an understanding of the impact of technology on individuals, the environment, and the global community. Students will apply modern technology for acquiring, analyzing, and sharing information; and through this endeavor, they will learn both physical and social aspects of technology, explore innovative practices, and be challenged to draw upon their imagination and knowledge to propose novel solutions to problems.

Students successfully completing these courses will obtain the following skills:

### Skills (*Mākau Na‘auao*):

- *Creative Problem-Solving* – Students will define and research problems, identify problem-solving strategies, generate and select appropriate solutions, and evaluate their outcomes.
- *Critical Thinking* – Students will synthesize information from text and/or other media, explain issues, analyze concepts and evidence, assess assumptions, define their own perspectives and positions, and evaluate the implications and consequences of their conclusions.
- *Information and Technology Literacy* – Students will recognize the need for information and use technology to locate, interpret, determine the credibility of, and use the information effectively, ethically, and legally.

Students must select a course from the following options:

CSCI	1041	Digital Literacy in a Global Society
CSCI	1061	Mobile Technologies for the 21st Century
CSCI	1555	Health Information Systems
CSCI	1611	A Gentle Introduction to Programming
HIST	2630	The History of Science and Technology
MATH	1234	Introduction to Cryptology
MIS	2000	Information Tools for Business
MULT	1100	Foundations of Multimedia Production

### Traditions & Movements that Shape the World (3 credits – 1 course)

Courses will help students explore the historical development of human societies and important movements and themes that have shaped and continue to influence the world. Students will assess information, ask questions, debate ideas, and explain the significance of political, social, scientific, and cultural trends in a historical context.

Students successfully completing these courses will obtain the following knowledge,

perspectives, and values.

**Knowledge and Perspectives ('Ike):**

- *Historical and Conceptual Perspectives* – Students will investigate the major concepts, ideologies, and movements that have molded the development of human societies to interpret the temporal framework of contemporary society.
- *Societies and Cultures* – Students will explore cross-cultural perspectives, investigate trends and analyze issues of various communities. They will identify behaviors, thoughts, and perspectives that both distinguish regions, countries, languages, and cultures from one another and connect them.

**Values (Mea Waiwai):**

- *Ethical Reasoning and Values* – Students will identify, articulate, and evaluate the ethical perspectives of others and themselves.

Students must select a course from the following options:

AL	1100	Language, Power, and Identity
CLST	1000	Great Books, East and West
ECON	2015	Principles of Macroeconomics
ENG	2500	World Literature
HIST	1001	Traditions and Encounters: World Cultures to 1500
PH	1200	Introduction to Public Health Professions
PSCI	2000	Introduction to Politics
SOC	2600	Peace Studies

# COLLEGE OF BUSINESS



**ASSOCIATE OF SCIENCE**  
**MAJOR: GENERAL BUSINESS**  
Total Credits Required: 60 Credits

Hawai'i Pacific University offers the Associate of Science degree in General Business to students enrolled through Military Campus Programs upon completion of 60 credit hours of required and elective subjects. Students may continue to take the courses required for a Bachelor of Science in Business Administration with a concentration in General Business, Accounting, Business Economics, Finance, Hospitality and Tourism Management, International Business, Management, or Marketing.

**PROGRAM OBJECTIVES**

*Students who earn the Associate of Arts in General Studies will:*

- 1. Conduct analysis of data and use business reasoning to resolve business issues to achieve organizational goals.*
- 2. Demonstrate the ability to apply technology.*
- 3. Describe in writing the primary management functions of a business and organizational structure options.*
- 4. Solve business problems and make decisions based on data, analysis, and best practices.*
- 5. Present orally analysis, findings, and recommend action to be taken in business situations.*

**FOUNDATIONAL COURSES (0 TO 11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (12 CREDITS)**

ECON	2010	Principles of Microeconomics (Critical Thinking & Expression)
ECON	2015	Principles of Macroeconomics (Traditions & Movements that Shape the World)
MATH	1130	Pre-Calculus I (Quantitative Analysis & Symbolic Reasoning)
MIS	2000	Information Tools for Business (Technology & Innovation)

**LOWER-DIVISION MAJOR REQUIREMENTS (9 CREDITS)**

BUS	1000	Introduction to Business
MATH	1123	Statistics
MATH	2326	Mathematics for Decision-Making

**UNRESTRICTED ELECTIVES (15 CREDITS)**

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 60 credit hours.

## **BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION WITH CONCENTRATION**

Total Credits Required: 120 Credits

The mission of the College of Business Administrations is to prepare profession-ready global leaders. The Bachelor of Science in Business Administration allows the student a choice from among nine concentrations – Accounting, Business Economics, Finance, General Business, Hospitality and Tourism Management, International Business, Management, Management Information Systems, and Marketing. Courses often use project-based learning activities as a means to connect the knowledge and skills that are developed in the classroom with the application in real-world settings. The emphasis in courses is on cross-functional awareness by considering organizations as systems whereby each functional area has a role to play in successful and well-managed operations.

### **PROGRAM OBJECTIVES**

*Students who select this degree will have the capability to:*

- 1. Demonstrate an understanding of organizational vocabulary, structures, and cultures.*
- 2. Demonstrate an understanding of the processes that support systems, stakeholders, and decision-making in professional and global contexts.*
- 3. Use critical thinking skills to collect and analyze data, draw logical conclusions, and present information in a comprehensive manner.*
- 4. Effectively communicate qualitative and quantitative information in speaking, writing, and presenting.*
- 5. Perform research using the appropriate authoritative literature and other secondary sources.*
- 6. Contribute to project-based activities as both a leader and team member.*
- 7. Identify attitudes that reflect sound principles, values, ethics, and professional responsibility.*

### **FOUNDATIONAL COURSES (0 - 11 CREDITS)**

#### **GENERAL EDUCATION COURSES (36 CREDITS)**

#### **OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (12 CREDITS)**

ECON	2010	Principles of Microeconomics
ECON	2015	Principles of Macroeconomics
MATH	1130	Pre-Calculus I
MIS	2000	Information Tools for Business

#### **LOWER-DIVISION BUSINESS REQUIREMENTS (18 CREDITS)**

ACCT	2000	Principles of Accounting I
ACCT	2010	Principles of Accounting II
BUS	1000	Introduction to Business
HTM	2010	Applied Methods in the Hotel and Travel Industry <b>or</b> MGMT 2000 Principles of Management
MATH	1123	Statistics
MATH	2326	Mathematics for Decision Making

#### **UPPER-DIVISION REQUIREMENTS**

#### **UPPER-DIVISION BUSINESS REQUIREMENTS (21 CREDITS)**

ECON	3020	Managerial Economics
FIN	3000	Business Finance
MGMT	3060	The Legal and Regulatory Context for Managers
MGMT	3100	Business in Contemporary Society
MGMT	3300	International Business Management
MIS	3000	Fundamentals of Information Systems
MKTG	3000	Principles of Marketing



## CAPSTONE REQUIREMENT (3 CREDITS)

MGMT 4001 Business Policy

## CONCENTRATION REQUIREMENTS (21 CREDITS)

### Accounting Concentration

This concentration is for those students who like the challenges of demystifying puzzles as well as problem solving. Students are prepared to seek accounting positions in public accounting, private industry, government service, and not-for-profit organizations. Internships are available and may be considered as an elective for this concentration. Alumni are employed by international firms, regional and local firms, by public and private corporations, and by various government and non-government agencies.

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	4100	Auditing

*Plus one upper-division accounting elective*

### Business Economics Concentration

Business Economics is a structured concentration and provides excellent preparation for students who prefer exposure to the various functional areas of business such as finance, accounting, marketing, management, and management information systems, as a solid grounding in economic fundamentals. Business Economics graduates are employed by financial institutions, brokerage firms, insurance companies, government, and other financial-related organizations.

ECON	3010	Intermediate Microeconomics
ECON	3015	Intermediate Macroeconomics
ECON	3100	Introduction to Econometrics
ECON	3300	Money and Banking
ECON	3400	International Trade and Finance

*Plus two upper-division electives from economics or finance*

### Finance Concentration

Students selecting this concentration develop analytical and financial management skills, improve decision-making abilities, and enhance their communication skills. Students are provided with a sound foundation in 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 operations of the capital markets. Finance graduates are employed by banks, credit unions, brokerage houses, financial institutions, insurance companies, government agencies, and other related organizations.

ECON	3100	Introduction to Econometrics
ECON	3300	Money and Banking
ECON	3400	International Trade and Finance
FIN	3200	Personal Finance
FIN	3300	Investments
FIN	3400	Financing in the Money and Capital Markets

*Plus one upper-division elective from economics, finance, or real estate*

### General Business Concentration

This concentration allows students the flexibility to select courses from several business disciplines without the constraint of completing a pre-determined set of courses.

*Any seven upper-division business electives are required for this concentration.*

### Hospitality and Travel Management Concentration

Few places of the world are better suited to study Hospitality and Tourism Management than Hawai'i, one of the world's greatest tourist destinations. Students will have the opportunity to experience a living laboratory of tourism management; with over 8 million tourists visiting per year,

tourism is the heart of Hawai'i's economy. Through internships and partnership projects with major hotels and travel providers, plus one of the most diverse cultural student and faculty populations, affiliations with major global associations and professional travel clubs, HTM students are often already connected to their first career position when they graduate.

The Hospitality and Tourism Management concentration will expose students to all aspects of hospitality and tourism from a management focus. The courses combine theory and practice with opportunities for project-based learning, group projects, and field experiences to prepare students to be professional-ready global leaders in the field of hospitality and tourism. 600 hours of work experience in the hospitality-related field is required.

HTM	3110	Hotel and Resort Management
HTM	3210	Food and Beverage Management
HTM	3220	Special Events Management
HTM	3580	Cultural Values and Hotel Management
HTM	3610	Travel Industry Marketing
HTM	4410	Destination Development and Marketing

*HTM WORK EXPERIENCE (600 hours of hospitality related work experience: 3 credits)*

### **International Business Concentration**

This concentration 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 concentration is based on an understanding of basic economic and business decision making.

*Complete the following courses:*

ECON	3400	International Trade and Finance
MKTG	3420	International Marketing

*Plus one appropriate upper-division business elective*

*Plus one of the following courses:*

GEOG	3730	Economic Geography
PSCI	3500	Comparative Politics
PSCI	3510	Political Development
PSCI	3520	Politics and Government in Asia
PSCI	3525	Islam and Politics
PSCI	3560	The Politics of Culture and Race

*Plus one of the following courses:*

INTR	3100	International Political Economy
INTR	3275	Global Governance
INTR	3300	International Law
INTR	3400	International Relations of Asia

*Plus one of the following courses:*

INTR	39XX	Any Contemporary Nations series course
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*Plus one of the following courses:*

HIST	3231	Europe: the 20 <sup>th</sup> Century
HIST	3501	Islam and the Middle East
HIST	3551	Pacific Island History
HIST	3650	History of Oil in the Modern World

### **Management Concentration**

This concentration 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 internal business management. The place, function, and effects 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.

MGMT 3400 Human Resource Management

*Plus two courses from the following:*

MGMT 3420 Compensation Management  
 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

*Plus any three upper-division management courses*

*Plus one course from the following:*

ACCT 3200 Managerial Accounting  
 MKTG 3630 Global Distribution and Supply Chain Marketing  
 MKTG 4400 Marketing Management

### **Management Information Systems Concentration**

This concentration is designed to produce leaders in management information systems; this concentration combines a business administration core with hands-on computer systems experience. The curriculum is based on the ACM standards. Students have opportunities to enroll in internships that may lead to career positions. There is also the opportunity to participate in career-related student organizations and honor societies. This concentration also provides the foundation for students who wish to continue their education in the Master of Science in Information Systems (MSIS) degree program.

MIS 3020 Information Systems Project Management  
 MIS 3050 Application Development  
 MIS 3060 Systems Analysis and Design  
 MIS 3065 Data and Information Management  
 MIS 3070 IT Infrastructure  
 MIS 4000 Enterprise Architecture

*Plus one appropriate upper-division business elective*

### **Marketing Concentration**

This concentration is for those who want a broad exposure to the fundamentals of marketing. The concentration prepares practitioners and managers through exposure to the many facets of marketing: development, advertising, distribution, sales, or products and services. Students will gain an understanding of research, planning, analysis, communication, business relations, and decision-making techniques, and applications are presented. Problems, issues, and alternative solutions involving product strategy, pricing, distribution, promotion, and marketing research will be discussed, both from 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.

MKTG 3100 Consumer Behavior  
 MKTG 3110 Market Research  
 MKTG 3420 International Marketing  
 MKTG 3630 Global Distribution and Supply Chain Marketing  
 MKTG 4400 Marketing Management

*Plus any two appropriate marketing electives*

## **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 120 credits.

# COLLEGE OF EXTENDED AND INTERDISCIPLINARY EDUCATION



**ASSOCIATE OF ARTS**  
**MAJOR: GENERAL STUDIES**  
Total Credits Required: 60 Credits

Hawai'i Pacific University offers the Associate of Arts degree in General Studies to students enrolled through Off-Campus/Military Campus Programs upon completion of 60 credit 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 will complete coursework for all Curriculum Areas in the General Education Program and the remaining credits are taken as unrestricted electives.

**PROGRAM OBJECTIVES**

*Students who earn the Associate of Arts in General Studies will:*

1. *Develop skills in writing, quantitative reasoning, critical thinking, group process, and communication so they can find, evaluate, and implement information effectively to solve problems.*
2. *Explore diverse social and cultural viewpoints and gain knowledge about the historical, geographical, natural, technological and contemporary forces that impact and shape the world.*
3. *Discern and assess the values that underlie various crucial positions, articulate their own values with coherence and integrity, and participate in community projects that bridge academia and the public good.*

**FOUNDATIONAL COURSES (0 TO 11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**UNRESTRICTED ELECTIVES**

The number of unrestricted elective credits needed will vary, but students will need to earn enough college-level credits to reach a total of 60 credit hours.

**ASSOCIATE OF SCIENCE**  
**MAJOR: COMPUTER SCIENCE**

Total Credits Required: 60 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 credit hours of required and elective subjects. The AS in Computer Science leads directly into the Bachelor of Science in Computer Science degree program. In addition to offering classroom-based instruction, HPU makes the AS in Computer Science degree program available entirely online through Off-Campus/Military Campus Programs.

**PROGRAM OBJECTIVES**

*Students who earn the Associate of Science in Computer Science will:*

1. *Use spreadsheets for tabular data analyses and corresponding graphics.*
2. *Apply fundamental concepts of functions, relations, sets, and counting strategies in problem solving.*
3. *Demonstrate logic and proof techniques in solving problems in discrete mathematics.*
4. *Apply problem-solving techniques for developing algorithms and computer programs.*
5. *Demonstrate appropriate use of fundamental programming constructs and data types.*
6. *Apply complex data structures, abstraction, and object-oriented methodologies when developing software solutions for problems.*
7. *Create graphical user interfaces to interact with software users.*

**FOUNDATIONAL COURSES (0-11 CREDITS)**

**GENERAL EDUCATION COURSES (18 CREDITS)**

Students will complete one course in each of the following first-year General Education core curriculum areas:

1. Hawai'i & the Pacific
2. Quantitative Analysis & Symbolic Reasoning
3. Writing & Information Literacy I
4. Writing & Information Literacy II

In addition, students will take one course from at least two of the remaining General Education curricular areas:

5. The American Experience
6. Creative Arts
7. Critical Thinking & Expression
8. Global Crossroads & Diversity
9. The Natural World
10. The Sustainable World
11. Technology & Innovation
12. Traditions & Movements that Shape the World

For those students intending to continue onto a bachelor's degree, it is recommended they utilize their unrestricted electives to complete the remaining 6 courses of the General Education requirement.

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (6-9 CREDITS)**

Quantitative Analysis & Symbolic Reasoning (*choose one option*)

MATH 1130 Pre-Calculus I and MATH 1140 Pre-Calculus II **or**

MATH 1150 Pre-Calculus I & II Accelerated

*Complete one of the following:*

CSCI 1041 Digital Literacy in a Global Society (Technology & Innovation)

CSCI 1061 Mobile Technologies for the 21<sup>st</sup> Century (Technology & Innovation)

CSCI 1534 Data Analysis and Visualization: the Good, the Bad, the Ugly (Quantitative Analysis & Symbolic Reasoning)

### **MAJOR REQUIREMENTS (25-27 CREDITS)**

*Complete one of the following:*

CSCI 1611 Gentle Introduction to Computer Programming

CSCI 1911 Foundations of Programming

*Complete all of the following:*

CSCI 2301 Discrete Mathematics for Computer Science

CSCI 2911 Computer Science I

CSCI 2912 Computer Science II

CSCI 2913 Data Structures

CSCI 2916 Computer Science I Lab

*Complete one of the following:*

MATH 1123 Statistics

BIOL 2050+2051 General Biology I + Lab

CHEM 1020+1021 Introduction to Chemistry and the Environment +Lab

CHEM 2050+2051 General Chemistry I + Lab

ENVS 2000+2001 Principles of Environmental Science + Lab

MARS 2062+2063 Marine Biology + Lab

PHYS 2030+2031 College Physics I + Lab

PHYS 2050+2051 General Physics I + Lab

*Complete two additional CSCI courses, 2000-level or higher*

### **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 60 credit hours.



**ASSOCIATE OF SCIENCE**  
**MAJOR: CRIMINAL JUSTICE**  
Total Credits Required: 60 Credits

Hawai'i Pacific University offers the Associate of Science degree in Criminal Justice to students enrolled through Off-Campus/Military Campus Programs upon completion of 60 credit hours of required and elective subjects. The AS in Criminal Justice leads directly into the Bachelor of Science in Criminal Justice. In addition to offering classroom-based instruction, HPU makes the AS in Criminal Justice degree program available entirely online through Off-Campus/Military Campus Programs.

**PROGRAM OBJECTIVES**

*Students who earn the Associate of Science in Criminal Justice will:*

- 1. Define the operation and purposes of the major components of the criminal justice system, police, courts and corrections.*
- 2. Develop oral and written skills that effectively articulate analysis of criminal justice research and apply solutions to a wide range of contemporary criminal justice issues.*

**FOUNDATIONAL COURSES (0-11 CREDITS)**

**GENERAL EDUCATION COURSES (18 CREDITS)**

Students will complete one course in each of the following first-year General Education core curriculum areas:

1. Hawai'i & the Pacific
2. Quantitative Analysis & Symbolic Reasoning
3. Writing & Information Literacy I
4. Writing & Information Literacy II

In addition, students will take one course from at least two of the remaining General Education curricular areas:

5. The American Experience
6. Creative Arts
7. Critical Thinking & Expression
8. Global Crossroads & Diversity
9. The Natural World
10. The Sustainable World
11. Technology & Innovation
12. Traditions & Movements that Shape the World

For those students intending to continue onto a bachelor's degree, it is recommended they utilize their unrestricted electives to complete the remaining 6 courses of the General Education requirement.

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (6 CREDITS)**

PSCI	1400	American Political System (The American Experience)
PSY	1000	Introduction to Psychology (Critical Thinking and Expression)

**LOWER-DIVISION MAJOR REQUIREMENTS**

CJ	1000	Violence in American Society
CJ	1500	Cybersecurity
CJ	2050	Basic Criminology
CJ	2060	Justice Systems

*Complete any two of the following:*

HMLD	2000	Disaster Preparedness & Response
SOC	1000	Introduction to Sociology

**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 60 credit hours.

**ASSOCIATE OF SCIENCE**  
**MAJOR: HEALTH PROFESSIONS**

Total Credits Required: 60 Credits

Hawai'i Pacific University offers the Associate of Science degree in Health Professions to students enrolled through Off-Campus/Military Campus Programs upon completion of 60 credit hours of required and elective subjects. The AS in Health Professions helps prepare students for health-related careers or further study in healthcare such as the BS in Nursing. In addition to offering classroom-based instruction, HPU makes the AS in Health Professions degree program available entirely online through Off-Campus/Military Campus Programs.

**PROGRAM OBJECTIVES**

*Students who earn the Associate of Science in Health Professions will:*

1. *Demonstrate the knowledge needed for entrance into, and success in, health profession schools in the fields of Nursing, Pre-Medicine, and Allied Health.*
2. *Synthesize a foundation of knowledge for a career in healthcare occupations.*

**FOUNDATIONAL COURSES (0 TO 11 CREDITS)**

**GENERAL EDUCATION COURSES (18 CREDITS)**

Students will complete one course in each of the following first-year General Education core curriculum areas:

1. Hawai'i & the Pacific
2. Quantitative Analysis & Symbolic Reasoning
3. Writing & Information Literacy I
4. Writing & Information Literacy II

In addition, students will take one course from at least two of the remaining General Education curricular areas:

5. The American Experience
6. Creative Arts
7. Critical Thinking & Expression
8. Global Crossroads & Diversity
9. The Natural World
10. The Sustainable World
11. Technology & Innovation
12. Traditions & Movements that Shape the World

For those students intending to continue onto a bachelor's degree, it is recommended they utilize their unrestricted electives to complete the remaining 6 courses of the General Education requirement.

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (9 CREDITS)**

PSY	1000	Introduction to Psychology (Critical Thinking & Expression)
CHEM	1000	Introduction to Chemistry (The Natural World)
MATH	1123	Statistics (Quantitative Analysis & Symbolic Reasoning)

**MAJOR REQUIREMENTS (20 CREDITS)**

BIOL	2030	Anatomy & Physiology I
BIOL	2031	Anatomy & Physiology I Laboratory
BIOL	2032	Anatomy & Physiology II
BIOL	2033	Anatomy & Physiology II Laboratory
BIOL	2040	Microbes & Human Health

CHEM 2030 Introduction to Organic Chemistry & Biochemistry

PH 2020 Human Disease

*Complete one of the following:*

BIOL 2010 Human Life Cycle

PH 2010 Drugs & Society

PH 2060 Comparative Healthcare Systems

PHYS 2030 College Physics I

PHYS 2050 General Physics I

### **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 60 credit hours.

**ASSOCIATE OF SCIENCE**  
**MAJOR: HOMELAND SECURITY**

Total Credits Required: 60 Credits

The major is designed to prepare students for careers in homeland security and such law-related employers as federal, state, local government, and private sector law enforcement and security organizations. The degree readies students for continued academic studies while leading directly into the Bachelor of Science in Diplomacy and Military Studies, Bachelor of Science in Criminal Justice, or the Bachelor of Arts in International Studies.

**PROGRAM OBJECTIVES**

Students who earn the Associate of Science in Homeland Security will:

1. *Apply the perspectives of Political Science, Criminal Justice and History to demonstrate mastery of Homeland Security.*
2. *Demonstrate understanding of key processes in Homeland Security issues and dilemmas.*
3. *Make use of critically reflective tools for interpreting pertinent historical, cultural, philosophical, and political aspects of Homeland Security.*

**FOUNDATIONAL COURSES (0 TO 11 CREDITS)**

**GENERAL EDUCATION COURSES (18 CREDITS)**

Students will complete one course in each of the following first-year General Education core curriculum areas:

1. Hawai'i & the Pacific
2. Quantitative Analysis & Symbolic Reasoning
3. Writing & Information Literacy I
4. Writing & Information Literacy II

In addition, students will take one course from at least two of the remaining General Education curricular areas:

5. The American Experience
6. Creative Arts
7. Critical Thinking & Expression
8. Global Crossroads & Diversity
9. The Natural World
10. The Sustainable World
11. Technology & Innovation
12. Traditions & Movements that Shape the World

For those students intending to continue onto a bachelor's degree, it is recommended they utilize their unrestricted electives to complete the remaining 6 courses of the General Education requirement.

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (6 CREDITS)**

HIST	1002	Global Crossroads: 1500-Present (Global Crossroads & Diversity)
PSCI	1400	American Politics (The American experience)

**LOWER-DIVISION MAJOR REQUIREMENTS (21 CREDITS)**

HIST	1402	Introduction to American History Since 1865
HMLD	1000	Introduction to Homeland Security
HMLD	2000	Disaster Preparedness & Response
HMLD	2100	Dimensions of Terrorism
HMLD	2900	Careers in Homeland Security

*Complete one of the following:*

CJ	1000	Violence in American Society
CJ	2000	Laws & Courts in World Cultures

*Complete one of the following:*

CJ	1500	Cybersecurity
CJ	2050	Criminology
CJ	2060	Justice Systems

### **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 60 credit hours.

**ASSOCIATE OF SCIENCE**  
**MAJOR: MATHEMATICS**

Total Credits Required: 60 Credits

Hawai'i Pacific University offers the Associate of Science degree in Mathematics to students enrolled through Off-Campus/Military Campus Programs upon completion of 60 credit hours of required and elective subjects. The AS in Mathematics provides a foundation for further studies directed towards a major or a minor in math or in a math-based discipline. In addition to offering classroom-based instruction, HPU makes the AS in Mathematics degree program available entirely online through Military Campus Programs.

**PROGRAM OBJECTIVES**

*Students who earn the Associate of Science in Mathematics will:*

1. *Interpret and form inferences from mathematical constructs such as tables, formulas, and graphs.*
2. *Represent mathematical information symbolically, visually, numerically and verbally.*
3. *Apply mathematical techniques toward solving quantitative problems in mathematics, statistics, and in other math-based disciplines.*

**FOUNDATIONAL COURSES (0-11 CREDITS)**

**GENERAL EDUCATION COURSES (18 CREDITS)**

Students will complete one course in each of the following first-year General Education core curriculum areas:

1. Hawai'i & the Pacific
2. Quantitative Analysis & Symbolic Reasoning
3. Writing & Information Literacy I
4. Writing & Information Literacy II

In addition, students will take one course from at least two of the remaining General Education curricular areas:

5. The American Experience
6. Creative Arts
7. Critical Thinking & Expression
8. Global Crossroads & Diversity
9. The Natural World
10. The Sustainable World
11. Technology & Innovation
12. Traditions & Movements that Shape the World

For those students intending to continue onto a bachelor's degree, it is recommended they utilize their unrestricted electives to complete the remaining 6 courses of the General Education requirement.

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (3-6 CREDITS)**

Quantitative Analysis & Symbolic Reasoning (*one of the following*)

- |      |      |                     |
|------|------|---------------------|
| MATH | 1130 | Pre-Calculus I      |
| MATH | 1140 | Pre-Calculus II     |
| MATH | 1150 | Pre-Calculus I & II |
| MATH | 1123 | Statistics          |

Technology & Innovation (*one of the following*)

- |      |      |   |
|------|------|---|
| CSCI | 1611 | Gentle Introduction to Computer Programming |
| MATH | 1234 | Introduction to Cryptology                  |

## **MAJOR REQUIEMENTS (25-28 CREDITS)**

*Choose either*

MATH 1130 and MATH 1140 Pre-Calculus I and Pre-Calculus II **or**

MATH 1150 Pre-Calculus I & II Accelerated

*Complete all of the following*

CSCI 2911 Computer Science I

CSCI 2916 Computer Science I Lab

MATH 1123 Statistics

MATH 2214 Calculus I

MATH 2215 Calculus II

*Complete two of the following:*

MATH 2216 Calculus III

MATH 3305 Linear Algebra

MATH 3307 Differential Equations

*Complete one of the following:*

CSCI 1611 Gentle Introduction to Programming

CSCI 1911 Foundations of Programming

CSCI 2301 Discrete Math for Computer Science

MATH 2326 Decision Making

MATH 1234 Introduction to Cryptology

## **UNRESTRICTED ELECTIVES (14-17 CREDITS)**

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 60 credit hours.



**ASSOCIATE OF SCIENCE**  
**MAJOR: MILITARY STUDIES**  
Total Credits Required: 60 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 credit 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.*

**FOUNDATIONAL COURSES (0 TO 11 CREDITS)**

**GENERAL EDUCATION COURSES (18 CREDITS)**

Students will complete one course in each of the following first-year General Education core curriculum areas:

1. Hawai'i & the Pacific
2. Quantitative Analysis & Symbolic Reasoning
3. Writing & Information Literacy I
4. Writing & Information Literacy II

In addition, students will take one course from at least two of the remaining General Education curricular areas:

5. The American Experience
6. Creative Arts
7. Critical Thinking & Expression
8. Global Crossroads & Diversity
9. The Natural World
10. The Sustainable World
11. Technology & Innovation
12. Traditions & Movements that Shape the World

For those students intending to continue onto a bachelor's degree, it is recommended they utilize their unrestricted electives to complete the remaining 6 courses of the General Education requirement.

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (12 CREDITS)**

HIST	1001	Traditions and Encounters: World Cultures to 1500 (Traditions & Movements that Shape the World)
HIST	1002	Global Crossroads: 1500-Present (Global Crossroads & Diversity)
HIST	1401	American Stories: Themes in American History to 1877 (The American Experience)
HIST	1558	Living History of Hawai'i (Hawai'i & the Pacific)

**LOWER-DIVISION MAJOR REQUIREMENTS (15 CREDITS)**

INTR	1000	The International System
PSCI	1400	American Politics

PSCI 2000 Introduction to Politics  
*Plus two additional courses approved by the program director*

**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 60 credit hours.

**ASSOCIATE OF SCIENCE**  
**MAJOR: SUPERVISORY LEADERSHIP**

Total Credits Required: 60 Credits

This Associate of Science offers the student an introduction to the study of leadership. It will incorporate an examination of the theories of leadership, its styles, traits, and myths including the major processes underlying human behavior. Students will explore the nature and responsibilities of the supervisor-as-leader and will cover tools for decision making and career skills involving both personal planning and interpersonal relations, such as time management, goal setting, assertiveness and networking. Application of military training and experience to this program will be based on the credit recommendations provided by the American Council on Education (ACE).

**PROGRAM OBJECTIVES**

*Students who earn the Associate of Science in Supervisory Leadership will:*

- 1. Explain the use of motivational theories and principles in leading employees.*
- 2. Describe the functions and responsibilities of supervisors as leaders.*
- 3. Demonstrate the functions of a team as a constructive member and as its leader.*

**FOUNDATIONAL COURSES (0 TO 11 CREDITS)**

**GENERAL EDUCATION COURSES (18 CREDITS)**

Students will complete one course in each of the following first-year General Education core curriculum areas:

1. Hawai'i & the Pacific
2. Quantitative Analysis & Symbolic Reasoning
3. Writing & Information Literacy I
4. Writing & Information Literacy II

In addition, students will take one course from at least two of the remaining General Education curricular areas:

5. The American Experience
6. Creative Arts
7. Critical Thinking & Expression
8. Global Crossroads & Diversity
9. The Natural World
10. The Sustainable World
11. Technology & Innovation
12. Traditions & Movements that Shape the World

For those students intending to continue onto a bachelor's degree, it is recommended they utilize their unrestricted electives to complete the remaining 6 courses of the General Education requirement.

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (9 CREDITS)**

COM	1000	Introduction to Communication Skills (Critical Thinking & Expression)
CSCI	1041	Digital Literacy in a Global Society (Technology & Innovation)
PSCI	1400	American Politics ( <i>The American Experience</i> ) <b>or</b> PADM 1000 Introduction to Leadership in America ( <i>The American Experience</i> )
PSCI	2000	Introduction to Politics ( <i>Traditions &amp; Movements that Shape the World</i> )

**MAJOR REQUIREMENTS (9-12 CREDITS)**

HRD	1000	Introduction to Human Resource Development
HRD	2000	Integrated Talent Management
PADM	1000	Introduction to Leadership
PADM	2000	Supervisory Leadership

**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 60 credit hours.

## BACHELOR IN PUBLIC ADMINISTRATION

Total Credits Required: 120 Credits

The Public Administration degree at Hawai'i Pacific University is a comprehensive study of the organization of governments, their policies, programs, and the behaviors of public servants. The degree includes preparation to serve as managers in local, state, and federal government, focusing on the formal study of executive management and institutional structure. Graduates with the Bachelor in Public Administration will be able to better compete for careers in government and in the non-profit sector.

### PROGRAM OBJECTIVES

*The Bachelor in Public Administration will:*

1. *Ensure that students are able to identify problems or objectives associated with public administration issues, collect and analyze evidence in support of those problems or objectives, assess assumptions, and define relevant individual perspectives.*
2. *Facilitate student communication both in writing and orally and in individual and team presentations such that their thought and feeling are synthesized relevantly, effectively, and clearly, and persuasively communicate their perspectives through written language and oral communication.*
3. *Confirm that students can interpret, calculate, analyze, and interpret quantitative information using mathematical, statistical and/or reasoning to solve complex problems.*
4. *Utilize motivational theories and principles for leading employees to include performance evaluations, counseling and career development, grievance, and disciplinary procedures.*

### FOUNDATIONAL COURSES (0 - 11 CREDITS)

#### GENERAL EDUCATION COURSES (36 CREDITS)

#### OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (9 CREDITS)

MATH	1123	Statistics (Quantitative Analysis & Symbolic Reasoning)
PADM	1000	Introduction to Leadership in America (The American Experience) <b>or</b> PSCI 1400 American Political System (The American Experience)
PSCI	2000	Introduction to Politics (Traditions & Movement)

#### LOWER-DIVISION MAJOR REQUIREMENTS (12 CREDITS)

HRD	1000	Introduction to Human Resource Development
HRD	2000	Integrated Talent Management
PADM	1000	Introduction to Leadership in America
PADM	2000	Supervisory Leadership

#### UPPER-DIVISION MAJOR REQUIREMENTS (36 CREDITS)

CJ	3000	Ethics and Justice
LAW	3710	Administrative Law
PADM	3000	Analytical Techniques and Methods
PADM	3300	Public Policy
PADM	3400	Public Personnel Administration
PADM	3500	Public Finance and Budgeting
PADM	3600	Non-Profit Management
PADM	3700	Urban Governance
PSCI	3200	Public Administration
PSCI	3415	State and Local Government

*Plus two electives from the following:*

ANTH	3350	Diversity in the Workplace
COM	3420	Business Communication
HIST	3441	U.S. History since World War II
HRD	3300	Human Resource Development Project Management

HRD	3400	Organizational Staffing
PSY	3120	Group Dynamics in Organizations
SOC	3380	Cross-Cultural Relations

**CAPSTONE REQUIREMENT (3 CREDITS)**

PADM	4000	Strategic Planning for Government Organizations
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**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 120 credits.

**BACHELOR OF ARTS**  
**MAJOR: HUMAN RESOURCE DEVELOPMENT**

Total Credits Required: 120 Credits

Human Resource Development (HRD) is the strategic and integrated use of training and development, organizational development, and other talent management activities to improve individual and organizational performance. The HRD program has been developed based on resources and guidelines from the Association for Talent Development, the Academy of Human Resource Development, and the Society for Human Resource Management. The program focuses on the development of student knowledge and capabilities in the following nine competency areas:

1. Strategic Talent Management
2. Instructional Design
3. Training Delivery
4. E-learning and Learning Technologies
5. Measurement, Evaluation, & Analytics
6. Organizational Development
7. Organizational Leadership
8. Organizational Staffing
9. Project Management

**PROGRAM OBJECTIVES**

*Upon completion of the program students who major in human resource development will be able to:*

1. *Describe, design, recommend, and evaluate training and development activities aimed at increasing the performance of individuals or groups in organizational setting.*
2. *Describe, design, recommend, and evaluate organizational development activities based on behavioral science that are aimed at increasing the effectiveness of organizations.*
3. *Describe, design, recommend, and evaluate talent management strategies or systems to attract, utilize, and retain people with the skills and aptitude required to meet organizational goals.*
4. *Develop a holistic perspective of HRD activities by creating an HRD project aligned with the strategic business objectives of an organization.*

**FOUNDATIONAL COURSES (0 - 11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (6 CREDITS)**

PADM	1000	Introduction to Leadership in America (The American Experience)
PSY	1000	Introduction to Psychology (Critical Thinking and Expression)

**LOWER-DIVISION MAJOR REQUIREMENTS (9 CREDITS)**

HRD	1000	Introduction to Human Resource Development
HRD	2000	Integrated Talent Management

**UPPER-DIVISION MAJOR REQUIREMENTS (30 CREDITS)**

CJ	3000	Ethics and Justice
HRD	3100	Principles of Instructional Design
HRD	3110	Training Methods, Delivery, and Evaluation
HRD	3120	E-Learning and Learning Technologies
HRD	3300	Human Resource Development Project Management
HRD	3400	Organizational Staffing
HRD	4000	HRD Career Development Capstone
PADM	3000	Analytical Techniques and Methods
PADM	3400	Public Personnel Administration

PSY 3120 Group Dynamics in Organizations

**UPPER-DIVISION MAJOR ELECTIVE REQUIREMENTS (6 CREDITS)**

*Complete two courses from the following:*

ANTH	3350	Diversity in the Workplace
COM	3350	Team Building
COM	3420	Business Communication
PADM	3600	Non-Profit Management
PSY	3121	Applications of Psychology to Management
PSY	3122	Industrial and Organizational Psychology

**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 120 credits.



**BACHELOR OF ARTS**  
**MAJOR: INDIVIDUALIZED**  
Total Credits Required: 120 Credits

**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.

**FOUNDATIONAL COURSES (0-11 CREDITS)**

**GENERAL EDUCATION REQUIREMENTS (36 CREDITS)**

**LOWER-DIVISION MAJOR REQUIREMENTS (6-18 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.

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

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

**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 number of credits required by the individualized program, but students will need to earn enough college-level credits to reach a total of 120 credits.

**BACHELOR OF EDUCATION**  
**MAJOR: ELEMENTARY EDUCATION**

Total Credits Required: 120 Credits

The HPU School of Education provides a bachelor's degree program in elementary education that prepares candidates for licensing in Hawai'i and 49 other states 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 curriculum that integrates content and pedagogy and employs an electronic direct response folio assessment system to evaluate the teacher candidate's progress toward achieving professional standards. 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.

**PROGRAM OBJECTIVES**

*Students who complete the Bachelor of Education in Elementary Education will:*

1. *Understand how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and design and implement developmentally appropriate and challenging learning experiences.*
2. *Use an understanding of individual differences and diverse cultures and communities to ensure inclusive learning environments, which enable each learner to meet high standards.*
3. *Work with others to create environments that support individual and collaborative learning and encourage positive social interaction, active engagement in learning, and self-motivation.*
4. *Understand the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and create learning experiences that make the discipline accessible and meaningful for learners to assure mastery of the content.*
5. *Understand how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues.*
6. *Understand and use multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and learner's decision making.*
7. *Plan instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.*
8. *Understand and use a variety of instructional strategies to encourage learners to develop a deep understanding of content areas and their connections and to build skills to apply knowledge in meaningful ways.*
9. *Engage in ongoing professional learning and use evidence to continually evaluate his or her practice, particularly the effects of their choices and actions on others (learners, families, other professionals, and the community), and adapt practice to meet the needs of each learner.*
10. *Seek appropriate leadership roles and opportunities to take responsibility for student learning and collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth, and to advance the profession.*

**FOUNDATIONAL COURSES (0 - 11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

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

Two semesters of the same language, **or** demonstrated proficiency at second-semester level of an approved language.

## **UPPER-DIVISION MAJOR REQUIREMENTS**

ED	3000	Foundations of American Education
ED	3040	Mathematics Concepts for Elementary Teachers
ED	3100	Child and Adolescent Development for Educators
ED	3200	Education Research and Writing
ED	3300	Introduction to Teaching
ED	3310	Foundations of Culturally Based Education in Hawai‘i
ED	3420	Language Arts for Elementary Education
ED	3421	Reading for Elementary Education
ED	3430	Foundations of English Language Learning
ED	3440	Mathematics for Elementary Education
ED	3450	Science for Elementary Education
ED	3460	Social Studies for Elementary Education
ED	3500	Service Learning in Elementary Education
ED	3600	Foundations of Special Education
ED	4510	Elementary Clinical Experience Seminar
ED	4511	Elementary Clinical Experience I
ED	4512	Elementary Clinical Experience II

## **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 120 credits.

**BACHELOR OF SCIENCE**  
**MAJOR: CRIMINAL JUSTICE**  
Total Credits Required: 120 Credits

This major is designed to prepare students for jobs and careers in law and other-related fields at the federal, state, and local levels. The program covers theoretically based criminology and practical-based criminal justice programs. Areas of study cover the theoretical aspect of criminal behavior, as well as practical application of skills to the criminal justice field. The faculty members teaching criminal justice courses represent a broad spectrum of academic disciplines, including law, law enforcement, psychology, sociology, and administration of criminal justice. The curriculum is designed to expose the students to all areas of the criminal justice field and develop skills applicable to future employment.

**PROGRAM OBJECTIVES:**

*Students who major in Criminal Justice will:*

1. *Critically analyze the criminal justice system and its aims and objectives.*
2. *Apply their knowledge to evaluate and analyze the causes, consequences and responses to crime and its interrelatedness to a broad range of criminal justice applications.*
3. *Define the operation and purposes of the major components of the criminal justice system: police, courts, and corrections.*
4. *Demonstrate effective problem-solving skills through creating practical solutions to contemporary issues identified through the study of the processes of national and global criminal justice systems.*
5. *Develop oral and written skills that effectively articulate analysis of criminal justice research and apply solutions to a wide range of contemporary criminal justice issues.*

**FOUNDATIONAL COURSES (0 - 11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (6 CREDITS)**

PSCI	1400	American Political System (The American Experience)
PSY	1000	Introduction to Psychology (Critical Thinking and Expression)

**LOWER-DIVISION MAJOR REQUIREMENTS (18 CREDITS)**

CJ	1000	Violence in American Society
CJ	1500	Cybersecurity
CJ	2050	Basic Criminology
CJ	2060	Justice Systems

*Plus any two of the following:*

HMLD	2000	Disaster Preparedness and Response
SOC	1000	Introduction to Sociology
SOC	2000	Social Problems and Policy

**UPPER-DIVISION MAJOR REQUIREMENTS (21 CREDITS)**

CJ	3000	Ethics and Justice
CJ	3070	Justice Management
CJ	3300	Criminal Procedures
CJ	3320	Corrections: Processes and Programs
CJ	3500	Criminal Law
CJ	3550	Crime Scene Investigation: Theories and Practices
SOC	3100	Methods of Inquiry

**UPPER-DIVISION ELECTIVE REQUIREMENTS (12 CREDITS)**

*Four additional upper-division courses chosen from:*

CJ	3310	Law Enforcement: Contemporary Issues
CJ	3510	Crime Victims and Justice

CJ	3520	Drug Abuse and Justice
CJ	3530	Juvenile Deviancy and Justice
CJ	3600	Special Topics
LAW	3410	Constitutional Law

**CAPSTONE (3 CREDITS)**

CJ	4900	Seminar in Criminal Justice
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**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 120 credits.

# COLLEGE OF HEALTH AND SOCIETY



## BACHELOR OF SCIENCE IN NURSING

Total Credits Required: 120 Credits

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 120 credit hours and meet all the requirements of the nursing major (60 credit hours) with at least a 2.75 cumulative nursing grade point average and an overall HPU cumulative grade point average of 2.75 or higher.

The Nursing Program is approved by the Hawai'i Board of Nursing and is accredited by the Commission on Collegiate Nursing Education (CCNE).

### PROGRAM LEARNING OUTCOMES

*Students who major in nursing will:*

1. **Clinical Practice:** *Apply theoretical knowledge with demonstration of skill and judgment to provide safe patient centered care across the lifespan using the nursing process.*
2. **Evidence-based Practice:** *Integrate evidence to guide clinical practice and evaluate outcomes of care.*
3. **Leadership:** *Apply leadership and communication skills in diverse organizational systems.*
4. **Professionalism/Ethics:** *Practice nursing care by incorporating legal and ethical decision making, utilizing current standards of practice.*
5. **Quality Improvement and Safety:** *Perform safe nursing care and incorporate methods to optimize patient outcomes.*
6. **Health Care Informatics:** *Promote innovation and utilize information systems and technology in charting, decision making, research and scholarship.*
7. **Health Policy and Advocacy:** *Apply knowledge of health policy, patient advocacy and health needs of all populations that addresses access to care, equity, quality and cost efficacy.*
8. **Interprofessional Collaboration:** *Collaborate and communicate effectively with other professionals and interdisciplinary teams to improve health care outcomes.*
9. **Transcultural care:** *Integrate the values, beliefs, and health practices of diverse populations to promote quality outcomes.*

### FOUNDATIONAL COURSES (0 - 11 CREDITS)

### GENERAL EDUCATION COURSES (36 CREDITS)

### OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (12 CREDITS)

CHEM	1000	Introduction to Chemistry
MATH	1123	Statistics
WRI	1100	Analyzing and Writing Arguments <b>or</b> WRI 1150 Literature and Argument
WRI	1200	Research, Argument, and Writing

### LOWER-DIVISION PREREQUISITE COURSES (15 CREDITS)

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
BIOL	2040	Microbes and Human Health
BIOL	2041	Microbes and Human Health Laboratory
CHEM	2030	Introduction to Organic Chemistry and Biochemistry

### GENERAL PREREQUISITES

- Students must have a minimum 3.0 cumulative GPA prior to entering 2000-level nursing courses
- Students must maintain a minimum HPU GPA of 2.75 and NUR GPA of 3.0 in order to progress to the next level clinical course.

- Two course failures will lead to dismissal from the nursing program. Students may repeat only once, to obtain a grade of C or better.
- 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**

See the BSN website for current clinical health requirements:

[www.hpu.edu/CHS/Clinical\\_Health\\_Requirements.html](http://www.hpu.edu/CHS/Clinical_Health_Requirements.html)

### **LEVEL ONE NURSING REQUIREMENTS (12 CREDITS)**

NUR	2300	Pharmacology
NUR	2950	Nursing Concepts and Processes
NUR	2951	Nursing Concepts and Processes Laboratory
NUR	2963	Communication for Health Care Professionals
NUR	2970	Comprehensive Health Assessment
NUR	2971	Comprehensive Health Assessment Laboratory

### **LEVEL TWO NURSING REQUIREMENTS (12 CREDITS)**

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 (12 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 (12 CREDITS)**

NUR	3900	Leadership and Management in Nursing
NUR	3957	Interventions Lab
NUR	3964	Comprehensive Health Care
NUR	3965	Comprehensive Health Care Laboratory
NUR	4700	Nursing Research Proposal Development

### **LEVEL FIVE NURSING REQUIREMENTS (11 CREDITS)**

NUR	4950	Comprehensive Health Care
NUR	4951	Comprehensive Health Care Laboratory
NUR	4960	Developing a Healthy Community
NUR	4961	Developing a Healthy Community Laboratory

### **UNRESTRICTED ELECTIVES (9 CREDITS)**

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 120 credits.



## NURSING PATHWAYS

### RN TO BSN PATHWAY

Students who are Registered Nurses with an associate degree are eligible for the pathway. Students who do not have an Associate of Arts degree may need to complete additional General Education requirements as determined by Transfer Services and/or Academic Advising.

To qualify, the student will:

- Complete the WC&IL II writing requisite before the second semester following admissions to the program
- Complete all science prerequisite course (refer to the BSN program fact sheet <http://www.hpu.edu/CNHS/BSN/index.html> for required science courses)
- Have a cumulative GPA of 2.75 or higher and maintain 3.00 or higher GPA to remain in the pathway
- Have a current RN license
- Write a personal statement and submit a professional resume

### **HPU credit for courses taken in an Associate Degree Nursing Program:**

<u>Course Number</u>	<u>Course Title</u>	<u>Credits</u>
NUR 2300	Pharmacology	3
NUR 2930	Pathophysiology	3
NUR 2950/51	Nursing Concepts & Processes/Lab	3/2
NUR 2963	Communication for the Health Care Professional	1
NUR 2970/71	Health Assessment/Lab	2/1
NUR 3952/53	Gerontologic Nursing/Lab	1/2
NUR 3962/63	Adult Health Care I/Lab	3/3
NUR 3964/65	Adult Health Care II/Lab	3/4
NUR 3970/71	Altered Mental Health Patterns/Lab	3/2
NUR 3980/81	Childbearing Family/Lab	2/1
NUR 3985/86	Child & Family Health/Lab	3/1
NUR 4950/51	Comprehensive Health Care/Lab	2/4

### **1<sup>st</sup> Semester**

<u>Course Number</u>	<u>Course Title</u>	<u>Credits</u>
MATH 1123	Statistics	3
NUR 3360	Concepts and Issues for Professional Nurses	3
NUR 3900	Leadership & Management in Nursing	2
NUR 3901	Leadership & Management in Nursing Laboratory	2
NUR Elective	Hawai'i & the Pacific General Education requirement	3
<b>Total credit hours</b>		<b>16</b>

### **2<sup>nd</sup> Semester**

NUR 4700	Research Proposal Development	3
NUR 4960	Developing a Healthy Community	2
NUR 4961	Developing a Healthy Community Laboratory	4
	Unrestricted elective course	3
	Unrestricted elective course	3
<b>Total credit hours</b>		<b>15</b>
<b>Total program credit hours</b>		<b>31</b>

### **Suggested Electives:**

CSCI 1555	Health Information Systems	3
NUR 3930	Complementary Healing Methods	3
NUR 3943	Transcultural Nursing	3
NUR 3944	Transcultural Nursing: People of Hawai'i	3

NUR	3945	Theoretical Foundations of Transcultural Nursing	1
NUR	3972	Introduction of Forensic Science	3
NUR	3973	Criminalistics and the Investigation of Injury & Death	3
NUR	3974	Clinical Internship in Forensic Science	2
PSY	3310	Forensic Psychology	3

### **Hawai'i & the Pacific General Education Courses**

AL	1050	Language in the Pacific	3
ARTH	1001	Arts of Oceania	3
BIOL	2170	Ethno-biology: People and Plants	3
ENG	1101	Representations of Pacific Life	3
HAWN	1100	Beginning Hawaiian I	4
HIST	1558	Living History of Hawai'i	3
PHIL	1001	Philosophies of Hawai'i & the Pacific	3

### **LVN/LPN TO BSN PATHWAY**

Students who are Licensed Practical Nurses may be eligible for the pathway. In order to qualify, the student must have:

- Completed all General Education (GenEd) requirements
- A cumulative GPA of 3.0 or higher. Note: Only courses meeting BSN requirements apply to GPA calculation, and nursing GPA must remain 3.0 or higher for progression and graduation in the nursing program
- A current Hawai'i State LPN license (AD Military are exempt)
- One (1) year of recent acute care experience
- ATI TEAS Test score of 70% or higher
- A personal statement and resume

### **HPU Credits for completion of an accredited LPN/LVN Program**

NUR	2950/2951	Nursing Concepts and Processes/Lab	(LPN Credits)	3/2
NUR	2963	Communication for Health Care Professionals	(LPN Credits)	1
NUR	3952/3953	Gerontologic Nursing/Lab	(LPN Credits)	1/2
NUR	3962/3963	Adult Health I/Lab	(LPN Credits)	3/3
NUR	3964/3965	Adult Health II/Lab	(LPN Credits)	3/4

### **Equivalency Testing\***

Prior to beginning the 1st Semester, Equivalency Testing must be completed (see below):

NUR	2970/2971	Health Assessment/Lab	(HPU Test-out)	3
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Prior to beginning the 2nd Semester, Equivalency Testing must be completed (see below):

NUR	2300	Pharmacology	(NLN/ATI Test)	3
NUR	3980/3981	Childbearing Family/Laboratory	(NLN/ATI Test)	2/1
NUR	3985/3986	Child & Family Health/Lab	(NLN/ATI Test)	3/1

**\*Failure to successfully pass any equivalency test the first time will require actual enrollment into the class which the equivalency test was to replace.**

### **1st Semester**

NUR	2930	Pathophysiology		3
NUR	2965/2966	Nursing Transition: LPN to BSN/Laboratory		3/1
NUR	3970/3971	Altered Mental Health Patterns/Lab		3/2
NUR	4700	Research Proposal Development		3

**15 Credit Hours**

### **2nd Semester**

NUR	3890	Interventions Lab		2
NUR	3900	Leadership and Management		2
NUR	4950/4951	Comprehensive Health Care/Lab		2/4

NUR 4960/4961 Developing a Healthy Community/Lab

2/4

**16 Credit Hours**  
**Total = 31 Credit Hours**

Upon admission, students will be awarded ten transfer credits for:

NUR	3962	Adult Health Care I	(3 Credits)
NUR	3963	Adult Health Care I Lab	(3 Credits)
NUR	3964	Adult Health Care II	(3 Credits)
NUR	3965	Adult Health II Lab	(4 Credits)

### **NURSING MAJOR COURSES**

NUR	2300	Pharmacology
NUR	2301	Math for Meds
NUR	2930	Pathophysiology
NUR	2963	Communication for Health Care Professionals
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	Comprehensive Health Care
NUR	4951	Comprehensive Health Care Laboratory
NUR	4960	Developing a Healthy Community
NUR	4961	Developing a Healthy Community Laboratory
NUR	4973	Nursing Preceptorship
NUR	XXXX	Nursing Elective

### **MILITARY HOSPITAL CORPSMAN (HM) TO BSN PATHWAY**

**HPU credits for completion of an accredited Military Hospital Corpsman (HM) Program after review of transcripts by a military transcript evaluator.**

Students who are Military Hospital Corpsman (HM) may be eligible for the pathway. In order to qualify, the student must have:

- Completed all General Education (GenEd) requirements
- A cumulative GPA of 3.0 or higher. Note: Only courses meeting BSN requirements apply to GPA calculation, and nursing GPA must remain 3.0 or higher for progression and graduation in the nursing program
- A current Hawai'i State LPN license (AD Military are exempt)
- One (1) year of recent acute care experience
- ATI TEAS Test score of 70% or higher
- A personal statement and resume

### **HPU Credits for completion of an accredited Navy Hospital Corpsman (HM) Program**

NUR	2950/2951	Nursing Concepts and Processes/Lab	(LPN Credits)	3/2
NUR	3952/3953	Gerontologic Nursing/Lab	(LPN Credits)	1/2
NUR	3962/3963	Adult Health Care I/Lab	(LPN Credits)	3/3
NUR	3964/3965	Adult Health Care II/Lab	(LPN Credits)	3/4

If an equivalent course has not been taken in a Military Hospital Corpsman (HM) Program, successful course completion will be required to earn the Bachelor of Science in Nursing degree.

**Equivalency Testing\***

Prior to beginning the 1st Semester, Equivalency Testing must be completed (see below):

NUR	2970/2971	Health Assessment/Lab	(HPU Test-out)	3
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Prior to beginning the 2nd Semester, Equivalency Testing must be completed (see below):

NUR	2300	Pharmacology	(NLN/ATI Test)	3
NUR	3980/3981	Childbearing Family/Laboratory	(NLN/ATI Test)	2/1
NUR	3985/3986	Child & Family Health/Lab	(NLN/ATI Test)	3/1

**\*Failure to successfully pass any equivalency test the first time will require actual enrollment into the class which the equivalency test was to replace.**

**1st Semester**

NUR	2930	Pathophysiology		3
NUR	2965/2966	Nursing Transition: LPN to BSN/Laboratory		3/1
NUR	3970/3971	Altered Mental Health Patterns/Lab		3/2
NUR	4700	Research Proposal Development		3

**15 Credit Hours**

**2nd Semester**

NUR	3890	Interventions Lab		2
NUR	3900	Leadership and Management		2
NUR	4950/4951	Comprehensive Health Care/Lab		2/4
NUR	4960/4961	Developing a Healthy Community/Lab		2/4

**16 Credit Hours**

**Total = 31 Credit Hours**

## BACHELOR OF SCIENCE IN PUBLIC HEALTH

Total Credits Required: 120 Credits

The Public Health program provides graduates with the knowledge and essential skills necessary to become active members of the public health workforce. The curriculum provides a strong base for anyone wishing to pursue a career in public health or move forward onto graduate school. Core courses require students to explore the history of the public health, ethics, human physiology, human disease, community health, drugs and society, healthcare systems, culture and health, epidemiology, health policy, health education program planning and evaluation, health promotion and wellness management, research methods, international health, and environmental health. Three semesters of public health practicum courses have hands-on learning opportunities in real-world settings, wherein students apply what they have learned from the classrooms and on-campus laboratories, under the mentorship of experienced public health professionals from established off-campus health organizations. The overall goal of the program is to prepare students for public health careers and to reinforce a desire for lifelong learning and humanitarian service to our local and global communities.

### PROGRAM OBJECTIVES

*Students who major in Public Health 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 public health practices.*
- 2. Apply acquired knowledge and communication skills to work effectively individually and in teams toward accomplishing goals in public health.*
- 3. Apply knowledge of public health issues and cultural competency and the impact of cultural values and ethnicity on understanding health and illness, wellness management, and the utilization of public health services to improve population health.*
- 4. Analyze current Federal and State health legislation, regulations, and standards, and their effect on public health professional practice.*
- 5. Evaluate population-based data and patterns of morbidity and mortality using epidemiological methods.*
- 6. Analyze health-related 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.*

### FOUNDATIONAL COURSES (0 - 11 CREDITS)

#### GENERAL EDUCATION COURSES (36 CREDITS)

#### OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (9 CREDITS)

WRI	1100	Writing & Analyzing Arguments
WRI	1200	Research, Argument, and Writing
MATH	1123	Statistics

#### LOWER-DIVISION MAJOR REQUIREMENTS (27 CREDITS)

BIOL	2030	Anatomy and Physiology
BIOL	2032	Anatomy and Physiology II
BIOL	2040	Microbes and Human Health
PH	1000	Introduction to Personal and Community Health
PH	1200	History of Public Health
PH	1300	Public Health and Ethics
PH	2010	Drugs and Society
PH	2020	Human Disease
PH	2060	Comparative Healthcare Systems

#### UPPER-DIVISION REQUIREMENTS (39 CREDITS)

PH	3000	Community Health: Theory and Practice
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PH	3001	Research, Evaluation, and Planning for Health Science
PH	3015	Culture and Health
PH	3020	Epidemiology
PH	3030	Health Promotion and Wellness Management
PH	3040	Health Education Planning, Theory, and Practice
PH	3050	International Health
PH	3080	Practicum I
PH	4000	Environmental Health
PH	4010	Health Policy Analysis
PH	4030	Practicum II
PH	4910	Practicum III
PH	4920	Public Health Capstone Seminar

### **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 120 credits.

## BACHELOR OF SOCIAL WORK

Total Credits Required: 120 Credits

The mission of Hawai'i Pacific University's Bachelor 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. *Student demonstrates ethical and professional behavior.*
2. *Student engages diversity and difference practice.*
3. *Student advances human rights and social, economic, and environmental justice.*
4. *Student engages in practice-informed research and research-informed practice.*
5. *Student engages in policy practice.*
6. *Student engages with individuals, families, groups, organizations, and communities.*
7. *Student assesses individuals, families, groups, organizations, and communities.*
8. *Student intervenes with individuals, families, groups, organizations, and communities.*
9. *Student evaluates practice with individuals, families, groups, organizations, and communities.*

### FOUNDATIONAL COURSES (0 TO 11 CREDITS)

### GENERAL EDUCATION COURSES (36 CREDITS)

### OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (9 CREDITS)

PSY	1000	Introduction to Psychology (Critical Thinking & Expression)
PSCI	1400	American Political System (The American Experience)
SWRK	2010	Social Sustainability, Social Work and Social Entrepreneurship (Sustainable World)

### LOWER-DIVISION MAJOR REQUIREMENTS (9 CREDITS)

MATH	1123	Statistics
SOC	1000	Introduction to Sociology
SOC	2000	Social Problems and Policy

### UPPER-DIVISION REQUIREMENTS (45 CREDITS)

INTR	3500	Global Systems and Development
PSY	3235	Cross-cultural Psychology OR SOC 3380 Cross-Cultural Relations
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	3300	Research and Writing in Social Work
SWRK	3570	American Social Welfare Policy
SWRK	3700	Special Topics in Social Work - students are required to take one special topics course. Topics will change each semester. Students can repeat for credits up to 6 credits
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
SWRK	4960	Social Work Capstone

### **UPPER-DIVISION ELECTIVE REQUIREMENTS (3 CREDITS)**

Social Work students are required to select, in conjunction with their Social Work advisor, 3 credits outside the Department of Social Work which further their Social Work degree plans.

*Choose one 3-credit course from the following list. Courses outside this list are eligible with approval of the program director.*

ANTH	3600	Poverty and Culture
CJ	3520	Drug Abuse and Justice
CJ	3530	Juvenile Deviancy and Justice
PHIL	4500	Global Justice
PSCI	3200	Public Administration
PSY	3140	Psychology of Substance Abuse
PSY	3700	Personality

### **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 120 credits.



# COLLEGE OF LIBERAL ARTS



**BACHELOR OF ARTS**  
**MAJOR: ANTHROPOLOGY**  
Total Credits Required: 120 Credits

The anthropology major stresses the refinement of intellectual skills and the nourishing of citizen scholars. The program is a valuable means for emphasizing the cross-disciplinary trends in the social and physical sciences. When students graduate with a degree in anthropology, they are trained in critical analytical thinking and writing and are capable of responsible membership in a global society. Students may select a Pacific-Hawaiian Studies emphasis. Graduates are well prepared for graduate study in social sciences and/or employment opportunities in the health care industry, social service agencies, international and local corporations, educational institutions, non-governmental organizations, and not-for-profit groups.

**MISSION STATEMENT:**

Our mission is to inspire and enable students to become citizens of a global community who effectively and responsibly engage with cultural and social difference. We aspire to give students the competency and emotional intelligence to be able to engender positive change both within themselves and in the world around them.

**PROGRAM OBJECTIVES**

1. *Students will demonstrate that they have engaged 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. *Demonstrate through the use of contextual analysis and comparison an understanding of political and cultural frames that shape everyday perceptions and behaviors.*
3. *Demonstrate the ability to conceive of and make concrete proposals for social change that promotes a more just and compassionate vision of reality.*
4. *Demonstrate the motivation to actively and effectively engage with the world around them in socially productive ways.*
5. *Demonstrate the skills needed to undertake graduate work in anthropology or other related disciplines.*

**FOUNDATIONAL COURSES (0 - 11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (3 CREDITS)**

ANTH 2000 Cultural Anthropology

**LOWER-DIVISION REQUIREMENT (3 CREDITS):**

SOC 2100 Fundamentals of Research

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

Two semesters of the same language, **or** demonstrated proficiency at second-semester level of an approved language.

**UPPER-DIVISION REQUIREMENTS (15 CREDITS)**

ANTH 3700 Culture and Language  
ANTH 3900 Anthropological Thought and Theory  
ANTH 3950 Anthropology Practicum  
ANTH 4900 Reflections on Anthropology  
NSCI 3000 Building Sustainable Communities

**UPPER-DIVISION ELECTIVE REQUIREMENTS (18 CREDITS)**

Select six courses from either list below. Four courses must be in anthropology. The optional concentration in Hawaiian/Pacific Studies requires three courses from the Hawaiian/Pacific Studies

*Courses list.*

ANTH	3000	Is Global Citizenship Possible?
ANTH	3200	Medical Anthropology
ANTH	3230	Making a Difference
ANTH	3360	Men and Women in Modern Society
ANTH	3400	Anthropology of Food
ANTH	3600	Poverty and Culture
ANTH	3650	Taboos
PSCI	3560	Politics of Culture and Race
INTR	3650	Global Systems and Development

**Hawaiian/Pacific Studies Courses**

*Choose any three courses from the following list to complete this optional concentration.*

ANTH	3115	Culture, Religion, and the Environment
ANTH	3500	Appreciating Pacific Worlds
ANTH	3556	Hawaiian Archaeology
ANTH	3580	Impact of Tourism on Local Culture
ANTH	3980	Hawaiian Sovereignty, Process, and the Sacred Community
ARTH	3551	Art of the Pacific
ARTH	3552	Art of Polynesia
ARTH	3556	Art of Hawai'i
BIOL	3010	Hawaiian Natural History
ENG	3203	Texts and Culture: Pidgin Literature
ENG	3226	Hawaiian Writers
ENG	3227	Hawai'i and the Pacific in Film
GEOG	3200	Geography of Hawai'i and the Pacific
HIST	3551	Pacific Island History
HIST	3556	History of Hawai'i
HIST	3558	Living History of Hawai'i
PSCI	3416	Elections in Hawai'i

**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 120 credits.

**BACHELOR OF ARTS**  
**MAJOR: ASIAN AND PACIFIC STUDIES**

Total Credits Required: 120 Credits

The B.A. in Asian and Pacific Studies is an interdisciplinary major grounded in the humanities, with study-abroad opportunities. Students cultivate practical applications of a sophisticated understanding of Asian and Pacific countries, languages, literatures, philosophies, and artistic and religious traditions of peoples from Asia and the Pacific. The focus of the Pacific concentration is on the Pacific Islands and includes New Zealand and Australia; the focus of the program's concentration on Asia includes South, Southeast, and East Asia.

**PROGRAM OBJECTIVES**

*Students who major in Asian and Pacific Studies will be able to:*

1. *Devise a multidisciplinary understanding of Asian and Pacific cultures, their values, histories, and worldviews, and articulate these through research papers or projects.*
2. *Evaluate and construct practical applications of humanities-based mastery of specific Asian or Pacific cultures.*
3. *Engage in an intermediate level of fluency in one Asian or Pacific language and be able to successfully navigate its culture.*
4. *Demonstrate advanced writing competencies and specialized working knowledge of specific Asian or Pacific regions.*

**FOUNDATIONAL COURSES (0-11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (6 CREDITS)**

*Choose one of the following (General Education Hawai'i and the Pacific):*

AL	1050	Languages in the Pacific
ARTH	1001	Arts of Oceania
ENG	1101	Representations of Pacific Life
HIST	1558	Living History of Hawai'i

*Take the following (General Education Traditions and Movements that Shaped the World):*

CLST	1000	Great Books, East and West
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**LOWER-DIVISION REQUIREMENT (3 CREDITS)**

PHIL	1001	Philosophies of Hawai'i and the Pacific
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**LOWER-DIVISION LANGUAGE REQUIREMENTS (8 CREDITS)**

Two semesters of the same language, or demonstrated proficiency at second-semester level of an approved language.

**UPPER-DIVISION MAJOR REQUIREMENTS (33 CREDITS)**

1. General Asian Studies (6 credits)

*Select one course each of the two categories below:*

*A. Humanities*

PHIL	3300	History of Asian Philosophies
REL	3310	Asian Traditions

*B. Politics and Economy*

ECON	3900	Economic Issues of Asia
INTR	3400	International Relations of Asia
PSCI	3520	Politics and Government in Asia

2. Humanities-Based Research Methods (3 credits)

*Choose one of the following:*

HIST	3900	Research and Writing Across Time and Culture
HUM	3900	Research and Writing in the Humanities

3. Area Studies (18 credits)

*Select any four courses from one of the following three categories and one course from each of the other two categories. In each of the three areas of emphasis, select no more than two courses from the same alpha. At least half of the 18 credits must be earned in alphas within the humanities (e.g., ARTH, CLST, ENG, HIST, MUS, PHIL, REL, THEA, etc.).*

A. *East Asian Studies*

ARTH	3301	Art of China
ARTH	3321	Art of Japan
ENG	3223	Special Topics in Asian Literature
HIST	3302	History of Modern China
HIST	3322	History of Modern Japan
HIST	3326	Cultural History of Japan
HIST	3465	U.S.-Japanese Relations
INTR	39XX	Contemporary Nations: (e.g., China, Japan, Korea, Taiwan)

B. *South and Southeast Asian Studies:*

ARTH	3351	Art of India and SE Asia
HIST	3352	History of Modern SE Asia
HIST	3362	History of India
INTR	39XX	Contemporary Nations: (e.g., India, Southeast Asia, Vietnam)
PSCI	3525	Islam and Politics

C. *Pacific Studies:*

ANTH	3500	Appreciating Pacific Worlds
ANTH	3556	Hawaiian Archaeology
ANTH	3980	Hawaiian Sovereignty
ARTH	3551	Art of the Pacific
ARTH	3552	Art of Polynesia
ARTH	3556	Art of Hawai'i
ENG	3226	Hawai'i Writers
ENG	3227	Hawai'i and the Pacific in Film
GEOG	3200	Geography of Hawai'i and the Pacific
HIST	3551	Pacific Island History
HIST	3558	Living History of Hawai'i
PSCI	3416	Elections in Hawai'i

Additional courses at the 3000-level or higher may be approved by the Department Chair (under advisement or in consultation with the Program Chair for Asian Studies) and Dean of Liberal Arts. Courses must have substantial Asian-Pacific Studies content or relevance to a particular field of interest to which the student applies perspectives gained from other required courses in the Asian-Pacific Studies curriculum.

4. Practicum and Capstone (6 credits):

ASIA	3950	Asian and Pacific Studies Practicum
ASIA	4900	Asian and Pacific Studies Seminar

**STUDY ABROAD AND INTERNSHIPS** (suggested minimum of 6 credits, up to 30)

*Students are strongly encouraged to participate in an HPU student exchange/study abroad program in the region of their emphasis to fulfill requirements for the major, including summer, semester, and/or year-long study abroad opportunities available (6-30 credits). Programs are currently available and students have attended programs in Australia, Cambodia, China, Indonesia, Japan, Korea, New Zealand, Taiwan, Thailand, and Vietnam, and more programs are being developed or may be proposed by students.*

In many cases, these courses may fulfill some upper-division field as well as language requirements. These study abroad opportunities should enable students to gain increased depth in unique areas of specialization that may not be available at HPU.

In addition to possibly engaging in an internship as part of a student's ASIA 3950 Asian Studies

Practicum, students may pursue internship opportunities in Hawai'i or abroad in one's area of concentration.

### **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 120 credits.

**BACHELOR OF ARTS**  
**MAJOR: COMMUNICATION STUDIES**

Total Credits Required: 120 Credits

The Communication Studies major at Hawai'i 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 Studies 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.*

**FOUNDATIONAL COURSES (0 - 11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSE (3 CREDITS)**

COM 1000 Introduction to Communication Skills

**LOWER-DIVISION MAJOR REQUIREMENTS (12 CREDITS)**

COM 2000 Public Speaking

MC 2200 First Amendment and Intellectual Property Law

*Two courses from:*

COM 2300 Communication and Culture

COM 2500 Sex, Gender, and Communication

COM 2640 Argumentation and Debate

**UPPER-DIVISION MAJOR REQUIREMENTS (33 CREDITS)**

*Take all of the following:*

COM 3000 Mass Media

COM 3250 Communication Research

COM 3300 Intercultural Communication

COM 3320 Persuasion

COM 3780 Media Convergence

COM 3950 Communication Practicum

**Advanced Applications** – *One course chosen from:*

COM 3440 Advanced Public Speaking

COM 3641 Advanced Forensics

**Theory** – *One course chosen from:*

COM 3680 Rhetorical Theory

COM 3900 Communication Theory

**Restricted Elective Requirements** – *Take two of the following:*

COM 3200 Interpersonal Communication

COM 3260 Film as Communication

COM 3270 Film Genre

COM 3340 Nonverbal Communication

COM 3350 Team Building

COM 3400 Communicating Professionally

COM 3420 Business Communication

**Required Capstone**

COM 4900 Communication Seminar

## **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 120 credits.



**BACHELOR OF ARTS**  
**MAJOR: EAST-WEST HUMANITIES**

Total Credits Required: 120 Credits

The major in “East-West Humanities” is a truly interdisciplinary and integrative major that examines human expression, thought and creativity across time and space. Students have the opportunity to bring together courses from a variety of disciplines and connect them under an overarching theme. The major, organized around a core of courses in which students examine classical works, major ideas, and cultural expressions from western, Asian, and indigenous traditions, employs a comparative perspective to the study of the arts and the traditional humanities. In these courses, and especially as part of their capstone experience, students will engage critically with conventional notions of “East-West” and reimagine it not as a polarity, but as a spectrum.

Students majoring in East-West Humanities design their own major based on selected classes that focus on the East-West theme. In conjunction with a faculty mentor, they will develop an individualized program of study that explores a specific theme or area of concentration, depending on their area of interest. For example, a student with an interest in Japanese culture might select courses on the literature, arts, theatre, philosophy and religion of that region; one with a passion for theatre could combine courses on classical drama and Shakespeare with acting and directing courses. In a final capstone course during the senior year, students complete an integrative project which connects their leaning about their chosen theme across a variety of disciplines.

Students who graduate from the program will find that their major has given them a solid liberal arts foundation, offering 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 a specific discipline. 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**

1. **Specialized Knowledge:** *Develop familiarity with prominent features of the literature, art, philosophies, and religions of the world.*
2. **Broad, Integrative Knowledge and Intellectual Skills:** *Articulate core values, world views, ideals and forms of artistic expression associated with the human experience, and place them within their cultural and historical contexts.*
3. **Applied Learning and Intellectual Skills:** *Demonstrate higher-level writing competencies through the composition of interpretive essays and research papers.*
4. **Civic Learning:** *Cultivate moral reasoning, along with an awareness of the ethical sensibilities of diverse peoples as presented in their literary, artistic, philosophical and/or religious works.*

**FOUNDATIONAL COURSES (0-11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (9 CREDITS)**

CLST 1000 Great Books, East and West (3 credits)

**Arts (3 credits)** – *Choose one of the following:*

ARTS 1000 Introduction to Visual Art

ARTS 1003 Sustainable Art & Design

ARTS 2150 Introduction to Design

MUS 1000 Introduction to Classical Music

MUS 2101 Music in World Culture

THEA 2320 Acting I: Basic Acting for Stage and Screen

**History & Literature (3 credits)** - *Choose one of the following:*

ENG 1101 Representations of Pacific Life

ENG	2500	World Literature
HIST	1001	Traditions & Encounters: World Cultures to 1500
HIST	1002	Global Crossroads: 1500-Present
HIST	1558	Living History of Hawai'i
HIST	1717	Reacting to the Past

### **LOWER-DIVISION MAJOR REQUIREMENTS (6 CREDITS)**

**Art History, Philosophy, and Religious Studies** *Choose two of the following (must be from different alphabets):*

ARTH	1001	Art of Oceania
ARTH	2301	Topics in World Art History
PHIL	1000	Introduction to World Philosophies
PHIL	1001	Philosophies of Hawai'i and the Pacific
PHIL	2500	Ethics in America
REL	1000	Introduction to World Religions

### **LOWER-DIVISION LANGUAGE REQUIREMENTS (8 CREDITS)**

Two semesters of the same language, or demonstrated proficiency at second-semester level of an approved language.

### **UPPER-DIVISION MAJOR REQUIREMENTS (33 CREDITS)**

HUM	3900	Research and Writing in the Humanities
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*One of the following courses with a Western focus:*

ARTH	3206	Renaissance to Modern Art
CLST	3030	Ancient Drama
CLST	3100	Female Figures in Classical Myth, Literature, and Religion
PHIL	3200	History of Western Philosophy
REL	3151	Bible as Literature
REL	3152	Understanding Early Christian Literature
REL	3200	Abrahamic Traditions
REL	3700	Female Figures in the Bible

*One of the following courses with an Asian focus:*

ARTH	3301	Art of China
ARTH	3321	Art of Japan
ARTH	3351	Art of India and South East Asia
ENG	3135	Japanese Literature
ENG	3222	Asian Dramatic Literature
ENG	3223	Special Topics in Asian Literature
HIST	3326	Cultural History of Japan
HIST	3352	History of Modern Southeast Asia
HIST	3362	History of India
PHIL	3300	History of Asian Philosophies
PHIL	3301	Yoga Philosophy
REL	3310	Asian Traditions

*One of the following courses with a focus on indigenous cultures:*

ANTH	3500	Appreciating Pacific Worlds
ANTH	3556	Hawaiian Archaeology
ARTH	3551	Art of the Pacific
ARTH	3552	Art of Polynesia
ARTH	3556	Art of Hawai'i
HIST	3556	History of Hawai'i
REL	3500	Indigenous Traditions

*One of the following courses with a comparative focus:*

ARTH	3611	Art and the Human Body
HUM	3601	Mythology
MUS	3100	Theatre Music of the World

PHIL	3501	Philosophy of Art and Aesthetics
PHIL	3651	Environmental Ethics
PHIL	4500	Global Justice
REL	3000	Religion, Sacrifice, and Violence
REL	3600	War in World Religions

**CONCENTRATION COURSES (15 CREDITS)**

Choose five (5) additional upper-division courses organized around a common theme in conjunction with a faculty mentor. At least three (3) of these courses should be from the arts and humanities disciplines (ARTH, CLST, ENG, HIST, HUM, MUS, PHIL, REL or THEA).

**CAPSTONE SEMINAR**

HUM	4900	Interdisciplinary Seminar and Integrative Project
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**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 120 credits.

**BACHELOR OF ARTS**  
**MAJOR: ENGLISH**  
Total Credits Required: 120 Credits

English majors study poetry, novels, films, plays, short stories, sit-coms, and songs – all the oral, written, and visual texts through which humans express meaning. English majors develop their creativity, their oral and written communication skills, and their powers of persuasion and critical thinking, preparing themselves for careers in fields such as business, law, education, professional and technical writing, journalism, advertising, and publishing. The English department is often approached by prospective students and their families who ask, “What can you do with an English degree?” A better question might be, “What can’t you do with an English degree?” In terms of future careers, students are only limited by their own imaginations. Writing, research, and critical thinking skills are essential to high-level work in almost every business or institution. This is good news for HPU English majors and writing minors.

**PROGRAM OBJECTIVES**

*Students who major in English will:*

1. *Demonstrate transferable analytical skills such as the ability to summarize, interpret, and evaluate complex texts.*
2. *Demonstrate transferable communication skills such as writing clearly and persuasively, revising and editing their own and others’ writing, and making effective oral presentations.*
3. *Employ appropriate research methods to locate and evaluate information and will effectively present their own arguments with support from primary and secondary texts.*
4. *Recognize and analyze various textual forms and strategies in academic and creative genres.*
5. *Employ various textual strategies in academic and creative genres.*
6. *Examine the ways in which texts shape and/or are shaped by history, culture, and context.*
7. *Respond to and analyze diverse texts from various cultures.*
8. *Articulate or identify important theoretical concepts and approaches and apply them in interpreting or analyzing texts.*

**FOUNDATIONAL COURSES (0-11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (9 CREDITS)**

AL	2000	Introduction to Linguistics
ENG	2100	Ways of Reading: Film, Literature, Culture
ENG	2500	World Literature

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

Two semesters of the same language, or demonstrated proficiency at second-semester level of an approved language.

**UPPER-DIVISION MAJOR REQUIREMENTS (40 CREDITS)**

*Upper-Division Foundation Courses (6 credits) – Choose two courses from the following:*

ENG	3100	British Literature to 1800
ENG	3102	British Literature After 1800
ENG	3122	American Literature
ENG	3130	Topics in World Literature

*English Electives (12 credits) – Choose four courses from the following:*

ENG	3101	Shakespeare on Screen
ENG	3135	Japanese Literature
ENG	3140	Biography
ENG	3145	Nonfiction Film: Documentary, Docudrama, and Historical Film
ENG	3150	Television Studies
ENG	3202	Literature of Slavery

ENG	3206	British Comic Literature
ENG	3223	Special Topics in Asian Literature
ENG	3224	Ethnic Literature
ENG	3226	Special Topics in Hawai'i-Pacific Literature
ENG	3227	Hawai'i and the Pacific in Film
ENG	3228	Fantasy Literature
ENG	3250	Texts and Gender
ENG	3251	Sex, Power and Narrative
ENG	3252	20 <sup>th</sup> Century Women Writers of Color
ENG	3300	Theoretical Perspectives
ENG	3330	Film Theory and Criticism
ENG	3350	Literature Adapted to Screen

**Writing Electives (6 credits)** – Choose a combination of courses to total six credits 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	3391	Wanderlust: Student Literary Magazine
WRI	3510	Composition Studies
WRI	3951	Staff Reader, Hawai'i Pacific Review
WRI	3953	Managing Editor, Hawai'i Pacific Review
WRI	3990	Nonpaid Internship
WRI	3991	Paid Internship
WRI	4990	Advanced Writing Revision Workshop

**Research Writing Requirement (3 credits)**

HUM	3900	Research and Writing in the Humanities
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**Electives (6 credits)** – Choose six credits from the following:

Any AL, ENG or WRI course at the 3000- or 4000-level

**Senior Seminar and Portfolio Capstone Requirement (7 credits)**

As students progress through the program, they must save work from their major courses. They will be assigned a faculty advisor as part of enrollment in ENG 2100 or upon transferring to HPU as a declared English major. The advisor will discuss their progress with them at least once per semester. During the final semester before graduation, students enroll in ENG 4910 and, in consultation with their advisor, assemble a portfolio that documents and reflects on their work in the major. Two senior seminars are required and are usually taken in the final two semesters.

ENG	4910	English Major Portfolio Capstone (1 credit)
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Plus any two of the following:

ENG	4100	Shakespeare Seminar
ENG	4120	Seminar in Modernism
ENG	4300	Seminar in Textual Criticism
ENG	4320	Seminar on Postcolonial Literature

## 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 120 credits.

**BACHELOR OF ARTS**  
**MAJOR: HISTORY**  
Total Credits Required: 120 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 a 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.*

**FOUNDATIONAL COURSES (0-11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (12 CREDITS)**

*Take one of the following (3 credits)*

- |      |      |  |
|------|------|--|
| HIST | 1001 | Traditions and Encounters: World Cultures to 1500 ( <i>Traditions &amp; Movements that Shape the World</i> ) |
| HIST | 1401 | American Stories: Themes in American History to 1877 ( <i>The American Experience</i> )                      |

*Take one of the following (3 credits)*

- |      |      |  |
|------|------|--|
| HIST | 1002 | Global Crossroads: 1500-Present ( <i>Global Crossroads and Diversity</i> )     |
| HIST | 1402 | Introduction to American History Since 1865 ( <i>The American Experience</i> ) |

*Take two "Introduction to Civilization" courses from the following (6 credits)*

*(Note: If HIST 1401 and/or HIST 1402 were already taken as lower-division requirements, they cannot count as Introduction to Civilization courses)*

- |      |      |  |
|------|------|--|
| HIST | 1401 | American Stories: Themes in American History to 1877 1877 ( <i>The American Experience</i> ) |
| HIST | 1402 | Introductions to American History since 1865 1877 ( <i>The American Experience</i> )         |
| HIST | 1558 | Living History of Hawai'i ( <i>Hawai'i and the Pacific</i> )                                 |
| HIST | 1717 | Reacting to the Past ( <i>Critical Thinking and Expression</i> )                             |

## LOWER-DIVISION MAJOR REQUIREMENTS (3 CREDITS)

HIST 2900 The Historian's Craft

## LOWER-DIVISION LANGUAGE REQUIREMENTS (8 CREDITS)

Two semesters of the same language, or demonstrated proficiency at second-semester level of an approved language.

## UPPER-DIVISION MAJOR REQUIREMENTS (36 CREDITS)

HIST 4900 Seminar in History

### 33 Additional Upper-Division Credits in History

**Asia-Pacific World (6 credits)** – *Take two courses from the following:*

HIST 3322 History of Modern Japan  
HIST 3352 History of Modern South East Asia  
HIST 3362 History of India  
HIST 3556 History of Hawai'i  
HIST 3668 Military History of Hawai'i  
HIST 3777 Hawai'i and the World

**The Atlantic World (6 credits)** – *Take two courses from the following:*

HIST 3222 Europe and the Age of Revolution  
HIST 3225 The Enlightenment and the French Revolution  
HIST 3231 Europe: The 20<sup>th</sup> Century  
HIST 3242 History of Spain  
HIST 3411 U.S.: Jackson to Civil War  
HIST 3414 "Untied States:" Race and Ethnicity in American History  
HIST 3441 U.S. History Since World War II  
HIST 3470 Women in America  
HIST 3461 American Intellectual History  
HIST 3576 The Atlantic World in the Age of Empire  
HIST 3666 U.S. Military History  
HIST 3676 U.S. Diplomatic History

**World (6 credits)** – *Take two courses from the following:*

HIST 3070 Sex in History  
HIST 3501 Islam and World History  
HIST 3571 The African Diaspora  
HIST 3650 History of Oil in the Modern World  
HIST 3655 Bubbles, Panics, and Depressions: A World History of Economic Crisis  
HIST 3661 History of Warfare to 1500  
HIST 3662 War and Society Since 1500  
HIST 3670 Racism, Violence, and Genocide  
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 3895 Playtime: Play and Leisure in World History  
HIST 4661 History of Military Thought

### Plus 15 Additional Credits in Any Upper-Division HIST Course

*Optional study abroad opportunities are available to earn up to 15 credits to fulfill the requirements of the major.*

## 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 120 credits.

**BACHELOR OF ARTS**  
**MAJOR: INTEGRATED MULTIMEDIA**

Total Credits Required: 120 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:*

- 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.*

**FOUNDATIONAL COURSES (0-11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (3 CREDITS)**

MULT 1100 Foundations of Multimedia Production (Technology and Innovation)

**LOWER-DIVISION MAJOR REQUIREMENTS (15 CREDITS)**

CSCI 2761 HTML and Web Design  
MC 2200 First Amendment and Intellectual Property Law  
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, or demonstrated proficiency at second-semester level of an approved language.

**UPPER-DIVISION MAJOR REQUIREMENTS (30 CREDITS)**

COM 3950 Communication Practicum  
MC 3120 Writing for Digital 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:**

WRI 3320 Scriptwriting

**Application:**

*Choose one of the following:*

ARTS 3010 Introduction to Sculpture  
ARTS 3020 Introduction to Painting  
ARTS 3051 Photography



ARTS	4901	Advanced Studio Projects
MC	3310	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	3910	Selected Topics in Multimedia
MULT	4000	Advanced Cinematic Production
MULT	4010	Documentary and Corporate Video Part 2

**Capstone:**

*Choose one of the following:*

MULT	4900	Seminar in Visual Communication
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**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 120 credits.

**BACHELOR OF ARTS**  
**MAJOR: INTERNATIONAL STUDIES**

Total Credits Required: 120 Credits

The B.A degree in International Studies prepares students to take their place as citizens of the world. Through a multi-disciplinary program of study, students develop practical skills and knowledge to analyzing a range of contemporary global issues. Students gain a foundation in global studies and international relations, and a deeper knowledge of global issues that draws from courses in anthropology, economics, environmental studies, economics, geography, history, international relations, and political science.

The program of study allows students to develop regional expertise in specific countries or world regions (e.g., China, India, Japan, Africa, Europe, or Latin America), gain competency in a second language, and students are strongly encouraged to participate in study abroad opportunities. In addition to regional expertise, students select from one of two concentration for a thematic focus:

- (1) **“Development and Sustainability”**: which examines the economic, environmental, political, and socio-cultural underpinnings of development and underdevelopment, and explores strategies for building sustainable and resilient communities worldwide.
- (2) **“International Relations and Security”**: which highlights that changing nature of global politics, international relations, and national security affairs.

The interdisciplinary nature of the B.A. in International Studies degree has proven to be successful for students ready to address a range of global challenges, and provides strong preparation for graduate programs and law schools. It positions students to become employed in a range of public and private sector organizations, including the U.S. Foreign Service/diplomatic corps, USAID, intelligence and foreign policy analysis, or international banking; international organizations like the European Union, World Health Organization, or United Nations; and non-governmental organizations, such as CARE, Doctors without Borders, or Oxfam. Many careers today demand experts with knowledge and skills stretching beyond their own physical and cultural borders to deal with issues in a global context, and the BA in International Studies is ideal preparation for those career paths.

**PROGRAM LEARNING OBJECTIVES:**

*Students who major in International Studies will:*

1. *Develop competency in various theoretical approaches in the field of global studies and international relations.*
2. *Be able to conduct rigorous comparative analysis of global issues in a regional context and within social science disciplines.*
3. *Work within conceptual frameworks to analyze the global arena of politics, economics, and social/cultural issues.*
4. *Gain proficiency in critical skills in international relations to include an emphasis on research and communication skills, knowledge of various world cultures, and global systems.*

**FOUNDATIONAL COURSES (0 - 11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (9 CREDITS)**

*Choose one of the following (3 credits):*

- GEOG 1500 World Regional Geography (Global Crossroads and Diversity) **or**  
GEOG 2000 Visualizing Human Geography (Critical Thinking and Expression)

*Take both of the following (6 credits):*

- INTR 1000 The International System (Global Crossroads and Diversity)  
PSCI 2000 Introduction to Politics (Traditions and Movements that Shape the World)

## LOWER-DIVISION REQUIREMENT (3 CREDITS):

SOC 2100 Introduction to Research

## LOWER-DIVISION MODERN LANGUAGE REQUIREMENTS (16 CREDITS)

Four semesters of the same modern language, or demonstrated proficiency at fourth-semester level of an approved language; OR two semesters of two languages, or demonstrated proficiency at second-semester level of two approved languages; OR intensive language study during a Study Abroad experience; OR an individualized language study plan as developed in consultation with the program chair.

## UPPER-DIVISION MAJOR REQUIREMENTS (30 CREDITS)

### Common Core (12 credits)

HIST 3xxx Any 3000-level HIST course  
INTR 3000 International Relations  
PSCI 3500 Comparative Politics  
INTR 4900 Senior Seminar

### Concentrations – Choose one of the following two Concentrations:

#### Development and Sustainability (18 credits)

ENVS 3000 Sustainability and the Environment  
INTR 3500 Global Systems and Development

*Plus any four courses from the following list:*

ANTH 3200 Medical Anthropology  
ANTH 3400 Anthropology of Food  
ECON 3430 Environmental Economics  
ENVS 3020 Environmental Policy Process  
GEOG 3700 Sustainable Cities  
HIST 3650 History of Oil in the Modern World  
HIST 3655 Bubbles, Panics, and Depressions: A World History of Economic Crisis  
INTR 3100 International Political Economy  
INTR 3350 International Human Rights  
INTR 39XX Any Contemporary Nations course (e.g., China, EU, Japan, Korea)  
NSCI 3000 Building Sustainable Communities  
PHIL 4500 Global Justice

*or any 3000-level ANTH, ECON, ENVS, GEOG, INTR, or PSCI course*

#### International Relations and Security (18 credits)

PSCI 3412 American Foreign Policy

*Take one of the following two courses:*

HIST 3662 War and Society Since 1500  
HIST 3676 U.S. Diplomatic History

*Plus, any four courses from the following list:*

HIST 3780 Modern World Revolutions  
INTR 3200 National and International Security  
INTR 3250 Peace-Building and Conflict Management  
INTR 3275 Global Governance  
INTR 3300 International Law  
INTR 3400 International Relations of Asia  
INTR 39XX Any Contemporary Nations course (e.g., China, EU, Japan, Korea)  
PSCI 3525 Islam and Politics  
PSCI 3540 Politics of Terrorism  
SOC 3660 Sociology of Terrorism

*or any 3000-level HIST, INTR, or PSCI course*

## 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 120 credits.

**BACHELOR OF ARTS**  
**MAJOR: MULTIMEDIA CINEMATIC PRODUCTION**

Total Credits Required: 120 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.*

**FOUNDATIONAL COURSES (0-11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (6 CREDITS)**

MULT	1100	Foundations of Multimedia Production
MULT	2000	Global Cinema Studies

**LOWER-DIVISION MAJOR REQUIREMENTS (12 CREDITS)**

NULT	2060	Modern Media Systems
MULT	2460	Graphic Design Studio
MULT	2465	Motion Picture Production
THEA	2320	Basic Acting for Stage and Screen

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

Two semesters of the same language, or demonstrated proficiency at second-semester level of an approved language.

**UPPER-DIVISION REQUIREMENTS (30 CREDITS)**

*ESSENTIALS – Take all of the following:*

MC	3120	Writing for Digital Media
MULT	3475	Web Interface and Design
MULT	3500	Cinematography Workshop
MULT	3510	Nonlinear Audio-Visual Editing
MULT	3600	Creative Narrative Production
MULT	3750	Motion Graphics and Compositing
MULT	4000	Advanced Cinematic Production

*WRITING – Take the following:*

WRI	3320	Scriptwriting
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*APPLICATION – Take one of the following:*

ARTS	3051	Photography
COM	3950	Communication Practicum
MC	3310	Photography

MULT	3400	Design Systems and Portfolio
MULT	3675	Advanced Web Design
MULT	3780	Global Documentary
MULT	4010	Postproduction Seminar
MULT	4590	Feature Film Screenwriting
<i>MEDIA ANALYSIS AND CRITICISM – Take one of the following:</i>		
COM	3260	Exploring Film
COM	3270	Film Genre
COM	3770	Media Literacy
ENG	3145	Nonfiction Film: Documentary, Docudrama and Historical Film
ENG	3227	Hawai‘i and the Pacific in Film
ENG	3330	Film Theory and Criticism
MULT	3910	Selected Topics in Multimedia
PHIL	3260	Exploring Film

### **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 120 credits.

**BACHELOR OF ARTS**  
**MAJOR: POLITICAL SCIENCE**

Total Credits Required: 120 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. *Be able to analyze the political-economic relationship within geopolitical areas.*
4. *Be able to make comparisons among different political structures within the world, to include the congressional and parliamentary systems.*
5. *Understand competing historical and contemporary political thought that underpins political systems.*
6. *Be able to perform a self-reflective analysis of the institutions that socialize individuals into their political constructs.*

**FOUNDATIONAL COURSES (0-11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (9 CREDITS)**

PSCI	1400	American Politics
PSCI	2000	Introduction to Politics
GEOG	2000	Visualizing Human Geography

**LOWER-DIVISION MAJOR REQUIREMENTS (3 CREDITS)**

SOC	2100	Introduction to Research
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**LOWER-DIVISION MODERN LANGUAGE REQUIREMENTS (8 CREDITS)**

Two semesters of the same modern language, or demonstrated proficiency at second-semester level of an approved language.

**UPPER-DIVISION MAJOR REQUIREMENTS (30 CREDITS)**

PSCI	3000	History of Political Thought
PSCI	3401	Issues in American Politics OR PSCI 3411 U.S. Presidency
PSCI	3412	American Foreign Policy OR INTR 3000 International Relations
PSCI	3500	Comparative Politics
PSCI	4900	Senior Seminar

**MAJOR ELECTIVES**

Five upper-division (3000-or 4000-level) electives from PSCI, INTR, CJ, or SOC, with at least three of them (9 credits) from PSCI or INTR.

**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 120 credits.

**BACHELOR OF ARTS**  
**MAJOR: PSYCHOLOGY**  
Total Credits Required: 120 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 exposes 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.*

**FOUNDATIONAL COURSES (0-11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (3 CREDITS)**

PSY 1000 Introduction to Psychology

**LOWER-DIVISION MAJOR REQUIREMENTS (8 CREDITS)**

PSY 2100 Statistics in Psychology

PSY 2200 Research Methods in Psychology

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

Two semesters of the same modern language, or demonstrated proficiency at second-semester level of an approved language.

**UPPER-DIVISION REQUIREMENTS (33 CREDITS)**

COM 3500 Technical Communication

PSY 3100 Learning and Cognitive Process

PSY 3200 Biopsychology

PSY 3235 Cross-Cultural Psychology

PSY 3300 Social Psychology

PSY 3400 Lifespan Developmental Psychology

*Plus take at least one of the following:*

PSY 3500 Tests and Measurements in Psychology

PSY 3550 Advanced Statistics 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 PSY, (Minimum 12 credits)*

### **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 120 credits.



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

Total Credits Required: 120 Credits

The TESOL program at HPU is structured on three types of courses: theoretical, pedagogical, and practical. Theoretical linguistic courses, taught from an applied perspective, help the TESOL student better understand languages in general, and English in particular. Pedagogical courses examine teaching strategies appropriate for diverse contexts. Practicum courses place the future teacher in language classes 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. Thus, program graduates frequently find that their fluency in other languages, combined with their TESOL training, make them excellent candidates for teaching positions in those other languages.

**PROGRAM OBJECTIVES**

*Students who complete the Bachelor of Arts in Teaching English to Speakers of Other Languages (TESOL) will be prepared to demonstrate ASK:*

- A. Attitudes of a professional: They are collegial toward their peers, enthusiastic toward the profession and thoughtfully reflective about their teaching practices. They display personal, professional and cultural sensitivity toward their students.*
- S. Skills of an effective language teacher: They possess excellent spoken and written English skills. They can critically evaluate ESL or EFL texts, prepare and teach effective lessons, apply sound principles in assessment and feedback, and respond appropriately to student needs in a given class.*
- K. Knowledge of the English language, language learning processes, and pedagogical principles: They can base their teaching on knowledge of the English sound system, grammar, and variations in context; the stages and complexities of second language learning; and communicative language.*

**FOUNDATIONAL COURSES (0 - 11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (9 CREDITS)**

AL	2000	Introduction to Linguistics (Global Crossroads and Diversity)
ENG	2500	World Literature (Traditions and Movements that Shape the World)
PSY	1000	Introduction to Psychology (Critical Thinking and Expression)

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

Four semesters of the same modern language, or demonstrated proficiency at fourth-semester level of an approved language, or two semesters of two languages, or demonstrated proficiency at second-semester level of two approved languages, or intensive language study during a Study Abroad experience; or an individualized language study plan as developed in consultation with the program chair.

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

**UPPER-DIVISION MAJOR REQUIREMENTS (24 CREDITS)**

AL	3110	The English Sound System
AL	3120	English Sentence Structure
AL	3320	Sociolinguistics
AL	3500	Second Language Learning and Teaching
AL	4710	Teaching Listening and Speaking Skills
AL	4720	Teaching Reading and Writing Skills

AL	4960	Practice Teaching
<b>Practice Teaching Capstone (6 credits)</b>		
AL	3950	Language Classroom Experience
AL	4960	Practice Teaching

Ideally, the student completes their credits of AL 3950 – Language Classroom Experience before taking AL 4960 – Practice Teaching in the final term. When circumstances warrant and the TESOL Practicum Coordinator approves, however, the final credits of AL 3950 may be taken concurrently with AL 4960.

### UPPER-DIVISION ELECTIVE REQUIREMENTS (12 CREDITS)

Four courses:

1. Two upper-division electives from Applied Linguistics (AL)
2. *Plus two courses chosen from the following* in disciplines related to TESOL such as anthropology, area studies, cross-cultural relations, education, English, psychology, world languages, and writing.

*Recommended courses include:*

Any upper-division AL, ENG, or WRI course, or:

ANTH	3700	Culture and Language
ED	3000	Foundations of American Education
ED	3300	Introduction to Teaching
PHIL	4721	Philosophy of Education
PSY	3235	Cross-Cultural Psychology
PSY	3400	Lifespan Development Psychology
SOC	3380	Cross-Cultural Relations
WRI	3510	Composition Studies

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

### 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 120 credits.

**BACHELOR OF SCIENCE**  
**MAJOR: DIPLOMACY AND MILITARY STUDIES**

Total Credits Required: 120 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.*

**FOUNDATIONAL COURSES (0 - 11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (12 CREDITS)**

*Take one of the following:*

HIST	1001	Traditions and Encounters: World Cultures to 1500 (Traditions & Movement)
HIST	1401	American Stories: Themes in American History to 1877 (American Experience)

*Take one of the following:*

HIST	1002	Global Crossroads: 1500-Present (Global Crossroads & Diversity)
HIST	1402	Introduction to American History since 1865 (American Experience)

*Take both of the following:*

INTR	1000	The International System (Global Crossroads & Diversity)
PSCI	2000	Introduction to Politics (Traditions & Movements)

*Note: Because multiple lower-division requirements qualify for the same General Education Curricular Areas, a maximum of 12 credits can double count toward both lower-division and General Education requirements.*

**LOWER-DIVISION MODERN LANGUAGE REQUIREMENTS (4 CREDITS)**

One semester of language, or demonstrated proficiency at first-semester level of an approved language.

**LOWER-DIVISION MAJOR REQUIREMENT (3 CREDITS)**

HIST	2900	The Historian's Craft
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## UPPER-DIVISION REQUIREMENTS (54-55 CREDITS)

### Upper-Division Major Requirements (24 Credits)

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	4661	History of Military Thought
INTR	3000	International Relations
INTR	3200	National and International Security or PSCI 3500 Comparative Politics
PSCI	3412	American Foreign Policy

### Upper-Division Major Electives (27-28 Credits)

*For students not in the ROTC program (27 credits) –*

Nine courses (27 credits) from the following (at least five must be HIST courses):

[Note: If INTR 3200 National and International Security or PSCI 3500 Comparative Politics have been taken as a Major Requirement, they cannot be counted for a Major Elective]

HIST	3222	Europe in the Age of Revolution
HIST	3231	Twentieth Century Europe
HIST	3302	History of Modern China
HIST	3322	History of Modern Japan
HIST	3441	U.S. History Since World War II
HIST	3501	Islam and the Middle East
HIST	3650	History of Oil in the Modern World
HIST	3655	Bubbles, Panics, & Depressions: A History of World Economic Crisis
HIST	3668	Military History of Hawai'i
HIST	3776	Modern Imperialism
HIST	3780	Modern Global Revolutions
INTR	3200	National and International Security
INTR	3250	Peacebuilding and Conflict Management
INTR	3275	Global Governance
INTR	3300	International Law
INTR	3350	International Human Rights
INTR	3400	International Relations of Asia
INTR	39XX	Any Contemporary Nations course
PSCI	3360	Military Psychology
PSCI	3411	The U.S. Presidency
PSCI	3430	America: The Images from Abroad
PSCI	3525	Islam and Politics
PSCI	3540	Politics of Terrorism
PSCI	3650	Intelligence Studies
PSCI	3890	Homeland Security
SOC	3660	Sociology of Terrorism

*For students in the ROTC program (28 credits) –*

MSL	3010	Leading Small Organizations I or AS 3510 Air Force Leadership Studies
MSL	3020	Leading Small Organizations II or AS 3520 Air Force Leadership Studies
MSL	4010	Leadership Challenges & Goals I or AS 4010 National Security Affairs
MSL	4020	Leadership Challenges & Goals II or AS 4020 National Security Affairs

Note: All ROTC MSL and AS classes are 4 credits

*Plus 4 courses (12 credits) from the list of electives for students not in ROTC above. Two courses must be HIST courses.*

### CAPSTONE REQUIREMENT (3 CREDITS)

HIST	4900	Seminar in History
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## **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 120 credits.

**BACHELOR OF SCIENCE**  
**MAJOR: MASS COMMUNICATION**

Total Credits Required: 120 Credits

The Bachelor of Science degree in Mass Communication combines the traditional areas of Advertising, Journalism, and Public Relations to reflect today's converging industries and job opportunities. Required classes in our B.S. degree focus on integration of traditional Advertising, Journalism, and Public Relations while providing students the flexibility to tailor their degree to fit their career interest.

**PROGRAM OBJECTIVES**

*Students who major in Mass Communication will be able to:*

1. *Build integrated strategic communication programs in business, professional, and social environments, including: research and planning, rationale, and implementation techniques.*
2. *Produce a professional, entry-level mass communication portfolio.*
3. *Apply First Amendment, copyright, contract laws in Mass Communication situations.*
4. *Build a foundation for lifelong learning and advanced education in Mass Communication.*

**FOUNDATIONAL COURSES (0-11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (3 CREDITS)**

COM 2000 Public Speaking

**LOWER-DIVISION MAJOR REQUIREMENTS (15 CREDITS)**

MC	1000	Mass Media Today
MC	1100	Mass Communication Writing
MC	2100	Mass Communication Research
MC	2200	First Amendment and Intellectual Property Law
MULT	1050	Point, Shoot, Edit

**LOWER-DIVISION LANGUAGE REQUIREMENTS (0 CREDITS)**

*Not required, but recommended for students wishing to work in international mass communication.*

**UPPER-DIVISION MAJOR REQUIREMENTS (6 CREDITS)**

COM	3950	Communication Practicum
MC	4900	Capstone Experience

**MC RESTRICTED ELECTIVE REQUIREMENTS**

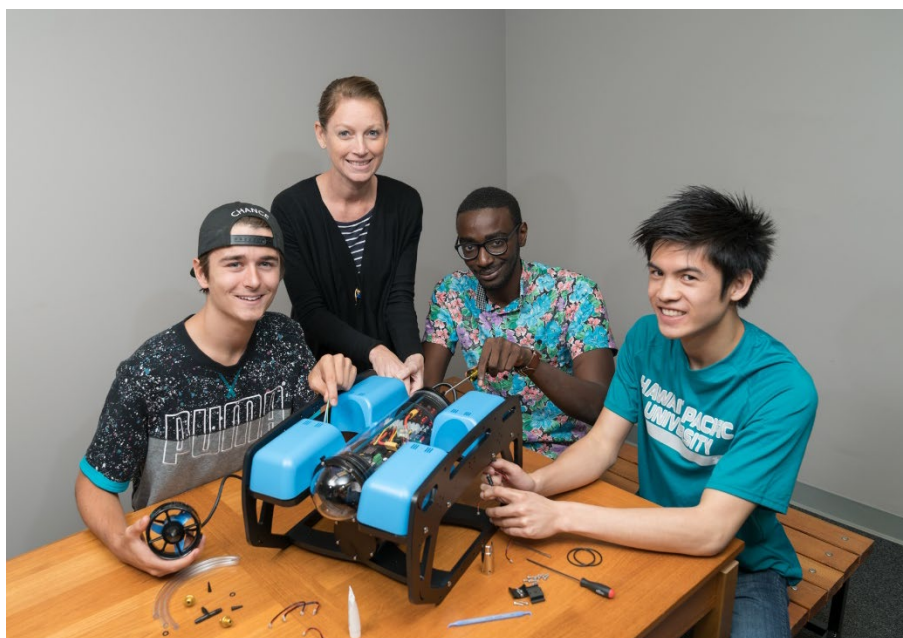
*Choose six courses from the following (18 credits):*

COM	3320	Persuasion <b>or</b> COM 3900 Communication Theory
MC	3120	Writing for Digital Media
MC	3300	Social Media
MC	3310	Photojournalism
MC	3700	Creativity in Mass Communication
MC	3720	Audience Behavior
MC	3730	New Media Strategies and Sales
MC	3740	Crisis Communication
MC	3750	Special Events Planning
MC	3910	Selected Topics in Mass Communication
MULT	2460	Graphic Design Studio <b>or</b>
MULT	2465	Motion Picture Production

## **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 120 credits.

# COLLEGE OF NATURAL AND COMPUTATIONAL SCIENCES





**BACHELOR OF ARTS**  
**MAJOR: ENVIRONMENTAL STUDIES**

Total Credits Required: 120 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 introductory chemistry, biology, earth system science, and environmental science courses. This provides breadth of perspective for examining environmental issues. Upper-division coursework in environmental law and policy, and environmental economics, provides additional understanding, skills, and perspective for approaching environmental issues.

**PROGRAM OBJECTIVES**

*Students who major in Environmental Studies will:*

- 1. Demonstrate an understanding of factual base, processes, and relationships that constitute a working foundation in the environmental sciences.*
- 2. Demonstrate an understanding of 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. Demonstrate an understanding of divergent ethical views of environmental issues, distinguish them from scientific or legal viewpoints, formulate their own environmental ethic, and articulate it to others.*

**FOUNDATIONAL COURSES (0-11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (12 CREDITS)**

BIOL	1500	Conservation Biology
ECON	2010	Principles of Microeconomics
ECON	2015	Principles of Macroeconomics
MARS	1000	Introductory Oceanography

**LOWER-DIVISION MAJOR REQUIREMENTS (29 CREDITS)**

CHEM	1020	Introduction to Chemistry and the Environment
CHEM	1021	Introduction to Chemistry and the Environment Laboratory
ENVS	1020	Introductory Meteorology
ENVS	1500	Natural Disasters
ENVS	2000	Principles of Environmental Science
ENVS	2001	Principles of Environmental Science Laboratory
MATH	1123	Statistics

**UPPER-DIVISION MAJOR REQUIREMENTS (31 CREDITS)**

ANTH	3400	Anthropology of Food <b>or</b> SOC 3650 Global Systems and Development
ECON	3430	Environmental Economics
ENVS	3002	Applications of Environmental Science
ENVS	3003	Applications of Environmental Science Laboratory <b>or</b> ENVS 4001 Methods of Environmental Science Laboratory
ENVS	3010	Environmental Impact Analysis

ENVS	3020	The Environmental Policy Process
ENVS	3030	Earth Systems and Global Change
ENVS	3600	Natural Resource Management
ENVS	4000	Methods of Environmental Science <b>or</b> ENVS 4950 Environmental Studies Practicum
ENVS	4100	Society and Environment: Contemporary Issues Seminar
GEOG	3720	Population Dynamics <b>or</b> ENVS 4030 Applied Geographic Information Systems

### **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 120 credits.

**BACHELOR OF SCIENCE**  
**MAJOR: BIOCHEMISTRY**  
Total Credits Required: 120 Credits

Biochemistry is the study of living organisms at the molecular level. The field explores the structures, functions, transformations, and interactions of biological molecules (proteins, lipids, carbohydrates and nucleic acids), which give rise to the complexity of living systems. Recent advances in this fast growing field, such as the synthesis and amplification of DNA, the understanding of cell communication, and uncovering the molecular basis of life-threatening diseases, have driven innovation and shaped the world's health and prosperity.

Our biochemistry curriculum is based on guidelines from the American Society for Biochemistry and Molecular Biology (ASBMB). The major is rigorous, efficient, and contemporary, focusing on the fundamentals as well as the cutting-edge areas, approaches, and practices within modern biochemistry. Students take foundational lecture and laboratory courses in chemistry, biology, physics, and mathematics followed by a breadth of advanced courses in biology and organic, physical, and analytical chemistry, as well as a series of in-depth courses in biochemistry. Our faculty are enthusiastically engaged in research, the majority of which is focused around biomedical applications. Not only does our faculty's high level of engagement in research provide rich and meaningful research opportunities for our biochemistry majors, but it also infuses our program with the energy and excitement of the cutting-edge developments within the field.

One contributing factor to this sharp growth in the field of biochemistry has been the advancement of sophisticated instrumentation which enables more powerful observation and study of complex biomolecules. A distinguishing feature of our program is the wide array of advanced research instruments that are integrated into our required laboratory courses. This provides students hands-on experience with state-of-the-art instrumentation in the field, thereby enhancing the skill sets and competitiveness of our graduates.

Because biochemistry forms a foundation for many other scientific disciplines, our biochemistry major prepares students to apply for jobs directly in biochemistry or related fields and to enroll in graduate (masters or doctorate) or professional (health professions, allied health, or law) programs. Examples of relevant fields include biotechnology, biomedical engineering, biostatistics, medical/pharmaceutical/agricultural, food research, health professions (medical, pharmacy, dentistry, veterinary), allied health professions (physical therapy, physician's assistant, dietician, medical technologist), law (patent law, forensics), chemistry/biochemistry education, environment science, scientific writing, and sales and marketing.

We offer two different concentrations for the biochemistry major. The Conventional Biochemistry Concentration will prepare students for jobs in the workforce directly following graduation or for further study in graduate programs, in any of the areas listed above. The Pre-Health Professions Concentration provides students with a comprehensive and rigorous training in biochemistry while also preparing them to be competitive applicants for health-related professional schools.

### **PROGRAM OBJECTIVES**

*I) Content Areas:*

- 1. Demonstrate an understanding of the physical/chemical principles that provide significant insight into the functioning of living systems as measured through standardized subject exams developed by the American Chemical Society.*
- 2. Know key concepts and principles regarding biochemical structures, principal biochemical pathways of living organisms and the molecular basis of biochemical processes.*

*II) Laboratory Techniques:*

- 1. Understand the theory and learn to operate a wide variety of advanced biochemical instrumentation.*
- 2. Perform laboratory techniques involving chromatographic separations, analyses and*

*purifications.*

3. *Perform laboratory techniques involving key biochemical reactions, procedures and functions.*

**III) Acquired Skills:**

1. *Access and critically analyze literature in the field of biochemistry.*
2. *Identify and discuss the major issues, including ethical ones, at the forefront of the discipline of biochemistry.*
3. *Use oral, written and visual presentations to present their work to both a science literate and a general audience.*
4. *Use computers as information and research tools, including data acquisition and statistical analysis.*

**IV) Pre-Health Professions Concentration (additional objective):**

1. *Enhance students' competitiveness for entry into health related professional school as evaluated by acceptance rates.*

**FOUNDATIONAL COURSES (0-11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (6 CREDITS)**

CHEM	2050	General Chemistry I
MATH	2214	Calculus I

**LOWER-DIVISION MAJOR REQUIREMENTS (37 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
MATH	1123	Statistics
MATH	2215	Calculus II
PHYS	2050	General Physics I
PHYS	2051	General Physics I Laboratory
PHYS	2052	General Physics II
PHYS	2053	General Physics III

**CONVENTIONAL CONCENTRATION**

**UPPER-DIVISION MAJOR REQUIREMENTS (30 CREDITS)**

BIOL	3170	Cell and Molecular Biology
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 ELECTIVE REQUIREMENTS (4-5 CREDITS)**

*Complete one additional upper-division (3000 level or higher) CHEM course, 3credits.*

*Complete one additional laboratory course from within the Department of Natural Sciences, 1-2 credits.*

### **PRE-HEALTH PROFESSIONS CONCENTRATION**

#### **UPPER-DIVISION MAJOR REQUIREMENTS (25 CREDITS)**

BIOL	3170	Cell and Molecular Biology
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	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 ELECTIVE REQUIREMENTS (10-11 CREDITS)**

*Complete two courses from:*

BIOL	3050	Genetics
BIOL	3034	Human Physiology
BIOL	3036	Human Anatomy
CHEM	3040	Quantitative Analysis

*Complete the following:*

One additional upper-division (3000 level or higher) course, 3 credits.

One additional laboratory course from within the Department of Natural Sciences, 1-2 credits.

### **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 120 credits.

**BACHELOR OF SCIENCE**  
**MAJOR: BIOLOGY**  
Total Credits Required: 120 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 and Computational Sciences offers two pathways, or concentrations, for a major program of study leading to a Bachelor of Science degree in Biology. The first concentration is the General Biology program of study, which provides a broad, yet integrated curriculum across the breadth of fields within the biological sciences. The General Biology curriculum is scientifically rigorous yet flexible, offering students 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. The second concentration 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.

**PROGRAM OBJECTIVES**

*Students who major in Biology will:*

1. *Apply the fundamental knowledge, principles, processes and systems in the natural sciences to solve biological problems.*
2. *Integrate advanced concepts across the breadth of biology subject areas, including cellular, molecular, and organismal biology, ecology, evolution, and the diversity of life.*
3. *Conduct observational and experimental studies in biology, with appropriate experimental design and application of mathematical, statistical and computational techniques.*
4. *Find, read, and evaluate published biological research from a variety of sources.*
5. *Communicate scientific ideas effectively in written and oral formats with effective presentation techniques.*
6. *Exhibit professionalism and commitment to uphold scientific ethics.*

**FOUNDATIONAL COURSES (0-11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (6 CREDITS)**

CHEM	2050	General Chemistry I
MATH	2214	Calculus I

**LOWER-DIVISION MAJOR REQUIREMENTS (29-31 CREDITS)**

BIOL	2050	General Biology I
BIOL	2051	General Biology I Laboratory
BIOL	2052	General Biology II
BIOL	2053	General Biology II Laboratory
CHEM	2051	General Chemistry I Laboratory

CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Laboratory
MATH	1123	Statistics
MATH	2215	Calculus II or MATH 3305 Linear Algebra or BIOL 4090 Biometry

*Take either the College Physics series:*

PHYS	2030	College Physics I
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
PHYS	2051	General Physics I Laboratory
PHYS	2052	General Physics II
PHYS	2053	General Physics II Laboratory

## **GENERAL BIOLOGY CONCENTRATION**

### **UPPER-DIVISION MAJOR REQUIREMENTS (34 - 39 CREDITS)**

BIOL	3020	Plant Biology; <b>or</b> BIOL 4024 Algal Biology & Diversity
BIOL	3030	Comparative Animal Physiology; <b>or</b> BIOL 3034 Human Physiology
BIOL	3040	General Microbiology; <b>or</b> BIOL 4040 Environmental Microbiology
BIOL	3050	Genetics; <b>or</b> BIOL 3054 Evolutionary Genetics
BIOL	3060	Marine Invertebrate Zoology; <b>or</b> BIOL 3070 Marine Vertebrate Zoology
BIOL	3080	Ecology
BIOL	3081	Ecology Laboratory
BIOL	3170	Cell and Molecular Biology; <b>or</b> CHEM 4030 Biochemistry I
BIOL	4940	Biology Seminar
CHEM	3010	Fundamental Organic Chemistry; <b>or</b> CHEM 3030/3032 Organic Chemistry I & II (The year-long organic chemistry series is recommended for students planning to attend graduate school)

*Choose one additional 4000-level lecture course:*

BIOL	4020	Cancer-Biology
BIOL	4024	Algal Biology & Diversity
BIOL	4040	Environmental Microbiology
BIOL	4050	Developmental Biology
BIOL	4090	Biometry
BIOL	4210	Neurobiology
BIOL	4220	Immunology

*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	3037	Human Anatomy Laboratory
BIOL	3041	General Microbiology Laboratory
BIOL	3061	Marine Invertebrate Zoology Laboratory
BIOL	3071	Marine Vertebrate Zoology Laboratory
BIOL	3171	Cell and Molecular Biology Laboratory
BIOL	4041	Environmental Microbiology Laboratory
CHEM	4031	Biochemistry I Laboratory

## **HUMAN AND HEALTH SCIENCES CONCENTRATION**

### **UPPER-DIVISION MAJOR REQUIREMENTS (37 CREDITS)**

BIOL	3034	Human Physiology
BIOL	3036	Human Anatomy

BIOL	3040	General Microbiology, <b>or</b> BIOL 4040 Environmental Microbiology
BIOL	3050	Genetics
BIOL	3080	Ecology, <b>or</b> ENVS 3000 Sustainability and the Environment
BIOL	3170	Cell and Molecular Biology
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
PMED	3900	Premedical Studies Senior Seminar, <b>or</b> BIOL 4940 Biology Seminar
PMED	3950	Premedical Studies Practicum (not required if BIOL 4940 is selected)

*Choose at least two upper-division science laboratory courses from the following (2 credits minimum):*

BIOL	3031	Comparative Animal Physiology Laboratory
BIOL	3035	Human Physiology Laboratory
BIOL	3037	Human Anatomy Laboratory
BIOL	3041	General Microbiology Laboratory
BIOL	3171	Cell and Molecular Biology Laboratory
CHEM	4031	Biochemistry I Laboratory
CHEM	4033	Biochemistry II Laboratory (if CHEM 4032

*Choose one upper-division course (3 credits) from one of the following alphas; ANTH, BIOL, CHEM, NUR, PSY*

### **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 120 credits.



### **The "3+3" Program Pathways for Biology-Human Health Sciences Students**

These pathways offer students the opportunity to enter into the doctoral program of their choice (Pharmacy, Physical Therapy or Chiropractic) after their third (junior) year at HPU after having completed all necessary doctoral prerequisites, maintaining a certain GPA, and meeting admission requirements. After the first year of the doctoral program, students may transfer back courses to HPU to receive a Bachelor of Science (B.S.) in Biology - Human Health Sciences. In order to qualify for this degree, students must follow the prescribed Program Pathway and obtain all stated classes.

HPU students will receive preferred admission status at our partner universities, and may even be guaranteed admission to the program (see each school program below).

Students should share their intent to be part of these articulating programs with both their academic advisor and the Pre-Health Professions Specialist early on to ensure they receive the best guidance and support.

For more detailed information, please visit the website:

#### **Physical Therapy**

The Pre-Physical Therapy Program at HPU begins with a solid grounding in core science classes as students work towards a degree in Biology - Human Health Sciences. As students enter their junior year at HPU, they have two pathway choices into Physical Therapy.

#### **3+3 Program at Carroll University**

This 3+3 program is a great option for students who wish to proceed directly into the Doctor of Physical Therapy Program. After three years at HPU, Carroll University will offer HPU students preferred admission into their program, providing that students have completed all the program prerequisites with at least 30 credit hours taken at HPU. Applications must have a cumulative and science GPA of at least 3.0 (out of 4.0), submit all application materials to Carroll University by the first priority deadline (approximately mid-January of junior year), and obtain a Committee Letter from the Hawai'i Pacific University Pre-Health Professions Committee.

In order to obtain a B.S in Biology - Human Health Sciences after the completion of the first year of the Doctor of Physical Therapy Program at Carroll University, the student must transfer back the credits obtained and petition to graduate. It is the responsibility of the student to ensure that he/she completes all the necessary courses required at HPU in order to qualify for this degree plan.

#### **Direct Entry at Creighton University**

The Physical Therapy School at Creighton University will guarantee acceptance to up to five HPU students each year who graduate with a B.S. in Biology - Human Health Sciences, have maintained a GPA of 3.5 (out of 4.0) or greater, and scored at least 300 on the GRE (combined quantitative and verbal.) Students will need to apply to Creighton University through PTCAS, have completed a minimum of 60 hours of observation with a physical therapist, and have at least three excellent letters of recommendation.

#### **Pharmacy**

HPU offers three different 3+3 opportunities for students interested in Pharmacy. All pathways offer students the option of proceeding directly into a Doctor of Pharmacy Program after three years at HPU. A B.S. in Biology - Human Health Sciences will be awarded after the successful completion of Year One in the Doctor of Pharmacy program. It is the responsibility of the student to ensure that he/she completes all the necessary courses required at HPU in order to qualify for this degree plan.

#### **3+3 at University of Hawai'i, Hilo**

The Daniel K Inouye College of Pharmacy at UH Hilo will welcome HPU students who have maintained a GPA of at least 3.2 (out of 4), achieved a 60 on the PCAT, and had a successful interview with the College of Pharmacy admissions team. A minimum of a "C" grade is required for all program prerequisite courses, and students must follow the "Three Year Plan for Articulation

Agreements" in order to be eligible to receive their BS from Hawai'i Pacific University after transferring to the Doctor of Pharmacy Program.

### **3+3 at Creighton University**

Students entering the Doctor of Pharmacy Program at Creighton University must follow the "Three Year Plan for Articulation Agreements" and accumulate at least 90 credit hours of credit by the spring before enrollment at Creighton University. Participants need to maintain a cumulative GPA of 3.5 (out of 4.0) and achieve a PCAT score of at least 60. Students will apply to the program via PharmCAS no later than November 1st of the academic year prior to enrollment (junior year).

### **3+3 at University of the Pacific**

The Thomas J. Long School of Pharmacy and Health Sciences at University of the Pacific will welcome HPU students who have completed at least 90 credit hour credits (at least 75 of which were completed at HPU), have a minimum GPA of 3.5, and have completed all the necessary prerequisites, including a full year of General Biology, General Chemistry and Organic Chemistry. Students will apply via PharmCAS.

### **Chiropractic**

HPU and the University of Southern California Health Sciences, College of Chiropractic, have partnered to offer students interested in a career as a Chiropractic Doctor a 3+3 direct entry program. Southern California University of Health Sciences College of Chiropractic will offer HPU students preferred admission into their program and guarantee the acceptance of up to five HPU students each year. Applicants must have completed all the program prerequisites (at least 30 credit hours must be taken at HPU), and have a cumulative and science GPA of at least 3.0 (out of 4.0). Students are required to submit all application materials directly to Southern California University of Health Sciences. Note that the application fee will be waived for HPU students.

In order to obtain a B.S in Biology - Human Health Sciences after the completion of the first year of the Doctor of Chiropractic Program at Southern California University of Health Sciences, the student must transfer back the credits obtained and petition to graduate. It is the responsibility of the student to ensure that he/she completes all the necessary courses required at HPU in order to qualify for this degree plan.

## BACHELOR OF SCIENCE MAJOR: CHEMISTRY

Total number of Credits required: 120 Credits

Chemistry is the study of matter and the changes it undergoes. As such, the discipline is central to the natural sciences, serving as a foundation for all other disciplines, as diverse as biology, molecular biology, pharmacy, medicine, physics, environmental and marine sciences, engineering, geology, and earth science. Thus, a strong background in chemistry prepares students not only for service directly in the chemical arena (e.g. education, industrial analytical chemistry, chemical engineering, pharmaceuticals synthesis, quality control, etc.) but also in many related disciplines (e.g. medicine, pharmacy, biotechnology, environmental services, alternative fuels, material sciences, etc.). The HPU B.S. in Chemistry program offers a broad-based and rigorous chemistry education that provides students with the intellectual, experimental, and communication skills to participate effectively as scientific professionals. The program is modeled on the *American Chemical Society (ACS)* guidelines for undergraduate chemistry education and prepares students for employment as professional chemists, for entrance into graduate or health professional schools, and for employment in other areas where a background in chemistry is advantageous. A distinguishing feature of the program is the hands-on experience students engage in through our laboratory courses, which are rich, relevant, and reflective of laboratory environments in academic, industrial, and government laboratories. There are two concentrations to choose from, both of which lead to a Bachelor of Science in Chemistry. The Conventional Concentration prepares student for employment as professional scientists or for entrance in graduate school in chemistry and related fields. The Pre-Health Professions Concentrations trains students with the most current and essential chemistry curriculum while preparing them for entrance into professional schools in the health professions.

### PROGRAM OBJECTIVES

*The Chemistry program objectives are based on the published American Chemical Society (ACS) guidelines for chemistry programs.*

- I) Content 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, biochemistry, inorganic, organic and physical.*
  3. *Specialized coursework: in the form of advanced elective courses and/or research experiences within or integrating between some of the above areas, to nurture maturity in the field.*
- II) Laboratory Experience: Chemistry is primarily an experimental science. 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. *Understand the theory and learn to operate a wide variety of advanced biochemical instrumentation.*
  2. *Use computers as information and research tools, including data acquisition, statistical analysis and molecular modeling.*
  3. *Demonstrate safety in the laboratory and practice environmentally sound disposal methods.*
  4. *Prepare effective presentations of laboratory data and be able to clearly communicate scientific information in the form of laboratory reports and oral presentations.*
- III) Research Experience: All students in the major will complete a senior research project as part of their capstone experience. Many students may choose to involve themselves in ongoing faculty research projects before that:
  1. *Demonstrate a practical understanding of a variety of contemporary scientific methods in the process of carrying out research project experiments.*

2. *Access and critically analyze literature and to derive chemical information through the use of molecular search engines such as SciFinder™.*
  3. *Design experimental protocols, analyze data and demonstrate critical problem solving skills to troubleshoot.*
  4. *Communicate findings in both oral and written presentations.*
- IV) Pre-Health Professions Concentration:
1. *Enhance students' competitiveness for entry into health related professional school as evaluated by acceptance rates.*

## **FOUNDATIONAL COURSES (0-11 CREDITS)**

## **GENERAL EDUCATION COURSES (36 CREDITS)**

## **OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (6 CREDITS)**

CHEM	2050	General Chemistry I
MATH	2214	Calculus I

## **CONVENTIONAL CONCENTRATION**

### **LOWER-DIVISION REQUIREMENTS (16 CREDITS)**

CHEM	2051	General Chemistry I Laboratory
CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Laboratory
MATH	2215	Calculus II
PHYS	2050	General Physics I
PHYS	2051	General Physics I Laboratory
PHYS	2052	General Physics II
PHYS	2053	General Physics II Laboratory

### **UPPER-DIVISION MAJOR REQUIREMENTS (36 CREDITS)**

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	4910	Senior Seminar
CHEM	4911	Senior Research

### **UPPER-DIVISION MAJOR ELECTIVE REQUIREMENTS (3 CREDITS)**

Complete one additional upper-division (3000 level or higher) CHEM course, 3 credits.

## **PRE-HEALTH PROFESSIONS CONCENTRATION**

### **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	2051	General Chemistry I Laboratory
CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Laboratory
MATH	2215	Calculus II
PHYS	2050	General Physics I
PHYS	2051	General Physics I Laboratory
PHYS	2052	General Physics II
PHYS	2053	General Physics II Laboratory

#### **UPPER-DIVISION MAJOR REQUIREMENTS (29 CREDITS)**

CHEM	3020	Physical Chemistry I
CHEM	3022	Physical Chemistry II
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	3060	Inorganic Chemistry
CHEM	4030	Biochemistry I
CHEM	4031	Biochemistry I Laboratory
CHEM	4910	Senior Seminar

#### **UPPER-DIVISION ELECTIVE REQUIREMENTS (10-11 CREDITS)**

*A. Choose two courses from:*

BIOL	3170	Cell and Molecular Biology
BIOL	3050	Genetics
BIOL	3034	Human Physiology
BIOL	3036	Human Anatomy

*B. Complete the following:*

One additional upper-division (3000 level or higher) CHEM course, 3 credits.

One additional laboratory course from within the Department of Natural Sciences, 1-2 credits (this may be fulfilled by CHEM 4950 Practicum)

#### **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 120 credits.

**BACHELOR OF SCIENCE**  
**MAJOR: COMPUTER SCIENCE**

Total Credits Required: 120 Credits

The Computer Science major meets the high standards of model programs proposed by the professional organizations ACM (Association for Computing Machinery – [www.acm.org](http://www.acm.org)) and IEEE (the world’s largest professional association for the advancement of technology – [www.ieee.org](http://www.ieee.org)). The courses in the degree can be broadly divided into three areas: computer languages and problem-solving; software design; and computer organization. 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, teamwork, 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.*

**FOUNDATIONAL COURSES (0-11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**PREREQUISITE COURSES (0-9 CREDITS):**

An introductory programming class:

- |           |                                      |    |
|-----------|--------------------------------------|----|
| CSCI 1911 | Foundations of Programming           | or |
| CSCI 1611 | A Gentle Introduction to Programming |    |

Pre-Calculus:

- |           |                                 |     |           |                  |    |
|-----------|---------------------------------|-----|-----------|------------------|----|
| MATH 1130 | Pre-Calculus I                  | and | MATH 1140 | Pre-Calculus II; | or |
| MATH 1150 | Pre-Calculus I & II Accelerated |     |           |                  |    |

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (3-6 CREDITS)**

- |           |                     |
|-----------|---------------------|
| CHEM 2050 | General Chemistry I |
| MATH 2214 | Calculus I          |

**LOWER-DIVISION MAJOR REQUIREMENTS (22 CREDITS)**

- |           |                                    |
|-----------|------------------------------------|
| CSCI 2301 | Discrete Math for Computer Science |
| CSCI 2911 | Computer Science I                 |
| CSCI 2912 | Computer Science II                |

CSCI	2913	Data Structures
CSCI	2916	Computer Science I Lab
MATH	1123	Statistics
MATH	2215	Calculus II

### **EXPERIMENTAL LAB SCIENCE REQUIREMENTS (8-10 CREDITS)**

Students are required to take two semesters of science courses with experimental lab components. In fulfilling this requirement, students gain both understanding of the scientific method and experience with laboratory work. Two semesters of a lecture plus lab pair of science courses is required. It is not required to take a full sequence within the same discipline; for example, this requirement could be met with BIOL 2050+2051 and CHEM 2050+2051.

Pick any two pairs from this list:

BIOL	2050+2051	General Biology I + Lab
BIOL	2052+2053	General Biology II + Lab
BIOL	3020+3021	Plant Biology + Lab
BIOL	3034+3035	Human Physiology + Lab
BIOL	3040+3041	General Microbiology + Lab
BIOL	3170+3171	Cell and Molecular Biology + Lab
CHEM	1020+1021	Introduction to Chemistry and the Environment + Lab
CHEM	2050+2051	General Chemistry I + Lab
CHEM	2052+2053	General Chemistry II + Lab
CHEM	3030+3031	Organic Chemistry I + Lab
CHEM	3032+3033	Organic Chemistry II + Lab
ENVS	2000+2001	Principles of Environmental Science + Lab
ENVS	3002+3003	Applications of Environmental Science + Lab
MARS	2062+2063	Marine Biology + Lab
MARS	3000+3001	General Oceanography I + Lab
MARS	3002+3003	General Oceanography II + Lab
PHYS	2030+2031	College Physics I + Lab
PHYS	2032+2033	College Physics II + Lab
PHYS	2050+2051	General Physics I + Lab
PHYS	2052+2053	General Physics II + Lab

Some of these lecture plus lab pairs depend on prior pairs; for example, taking General Chemistry II relies on taking General Chemistry I first. Students should carefully consult the prerequisites, especially for 3000-level courses.

Students planning to go on to graduate school may need a particular sequence of sciences prescribed by their intended graduate program. They should discuss their selections with their advisors with this in mind.

### **UPPER-DIVISION MAJOR REQUIREMENTS (42 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	3911	Software Engineering
CSCI	4911	Software Project I

*Plus three additional upper-division CSCI courses*

*Plus one additional upper-division MATH course*

## **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 120 credits.



**BACHELOR OF SCIENCE**  
**MAJOR: ENVIRONMENTAL SCIENCE**

Total Credits Required: 120 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, providing 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. Demonstrate an understanding of the factual base, processes, and relationships that constitute a working foundation in the environmental sciences.*
- 2. Demonstrate an understanding of 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. Demonstrate an understanding of divergent ethical views of environmental issues, distinguish them from scientific or legal viewpoints, formulate their own environmental ethic, and articulate it to the others.*
- 7. Be well-prepared for graduate studies in a related discipline or for entry-level positions in the discipline.*

**FOUNDATIONAL COURSES (0-11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (9 CREDITS)**

CHEM	2050	General Chemistry I
MATH	2214	Calculus I

*Choose one of the following:*

ECON	2010	Principles of Microeconomics
ECON	2015	Principles of Macroeconomics

**MAJOR REQUIREMENTS (70-71 CREDITS)**

BIOL	2050	General Biology
BIOL	2051	General Biology I Laboratory
BIOL	2052	General Biology II
BIOL	2053	General Biology II Laboratory
CHEM	2051	General Chemistry I Laboratory
CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Laboratory
ENVS	1500	Natural Disasters
ENVS	2000	Principles of Environmental Science
ENVS	2001	Principles of Environmental Science Laboratory

MATH	1123	Statistics
MATH	2214	Calculus I
MATH	2215	Calculus II MATH 3305 Linear Algebra <b>or</b> BIOL 4090 Biometry*

\*Students planning on graduate studies should take MATH 2215 Calculus II.

*Complete one of the following series:*

*College Physics Series:*

PHYS	2030	College Physics I
PHYS	2031	College Physics I Laboratory

**Or**

*General Physics Series:*

PHYS	2050	General Physics I
PHYS	2051	General Physics I Laboratory

*Students planning on graduate studies should take the General Physics Series instead of the College Physics Series (including taking PHYS 2052 General Physics II and PHYS 2053 General Physics II Laboratory as unrestricted electives).*

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

## **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 120 credits.

**BACHELOR OF SCIENCE**  
**MAJOR: MARINE BIOLOGY**  
Total Credits Required: 120 Credits

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. A practical course in oceanographic field techniques, plus two semesters of general oceanography, with laboratory and fieldwork, 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 fieldwork take advantage of Hawai'i's tropical and oceanic setting and its wealth of marine life. The University's research vessel supports small classes in advanced studies from fringing coral reefs in Kāneohe Bay to the deep sea only a few hours away. Completion of the marine biology major prepares students to enter private or public sector careers in domestic or international 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. Demonstrate broad basic knowledge of the fundamental principles in the biological and physical sciences.*
- 2. Integrate scientific principles to explain 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 and evaluate published information from a variety of printed and electronic sources.*
- 6. Use a biological perspective to analyze complex problems and develop relevant questions pertaining to the marine environment.*

**FOUNDATIONAL COURSES (0 -11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (6 CREDITS)**

CHEM	2050	General Chemistry I
MATH	2214	Calculus I

**LOWER-DIVISION MAJOR REQUIREMENTS (38-40 CREDITS)**

BIOL	2050	General Biology I
BIOL	2051	General Biology I Laboratory
BIOL	2052	General Biology II
BIOL	2053	General Biology II Laboratory
CHEM	2051	General Chemistry I Laboratory
CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Laboratory
MARS	1020	Oceanographic Field Techniques
MATH	1123	Statistics
MATH	2215	Calculus II

*Complete one of the following series:*

*College Physics Series:*

PHYS	2030	College Physics I
PHYS	2031	College Physics I Laboratory
PHYS	2032	College Physics II
PHYS	2033	College Physics II Laboratory

**Or**

*General Physics Series\*:*

PHYS	2050	General Physics I
PHYS	2051	General Physics I Laboratory
PHYS	2052	General Physics II
PHYS	2053	General Physics II Laboratory

*\*The General Physics series, PHYS 2050-53, is recommended for students planning to attend graduate school)*

### **UPPER-DIVISION MAJOR REQUIREMENTS (36-39 CREDITS)**

BIOL	3030	Comparative Animal Physiology
BIOL	3054	Evolutionary Genetics
BIOL	3060	Marine Invertebrate Zoology; <b>or</b> BIOL 3070 Marine Vertebrate Zoology
BIOL	3080	Ecology
BIOL	3081	Ecology Laboratory
BIOL	3170	Cell and Molecular Biology; <b>or</b> BIOL 4040 Environmental Microbiology
CHEM	3010	Fundamental Organic Chemistry; <b>or</b> 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	Research Seminar in Marine Biology (capstone experience)
MARS	4911	Research Experience in Marine Biology (capstone experience)

*Plus a minimum of two 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	3171	Cell and Molecular Biology Laboratory
BIOL	4041	Environmental Microbiology Laboratory

### **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 120 credits.

**BACHELOR OF SCIENCE**  
**MAJOR: MATHEMATICS WITH A CONCENTRATION**  
Total Credits Required: 120 Credits

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.

**PROGRAM OBJECTIVES**

*Students who major in mathematics:*

1. Interpret, calculate, analyze, represent, and clearly communicate quantitative information through mathematical tools (e.g., equations, graphs, or diagrams).
2. Solve applied problems in mathematics, statistics, or in other math based disciplines.
3. Construct and critique mathematical proofs.
4. Develop comprehensive oral skills using the language of mathematics in order to articulate mathematical ideas and explain results.

**FOUNDATIONAL COURSES (0-11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**PREREQUISITE COURSES (0-9 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 <b>and</b> MATH 1140 Pre-Calculus II; <b>or</b>
MATH	1150	Pre-Calculus I & II Accelerated

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (3 CREDITS)**

MATH	2214	Calculus I
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**LOWER-DIVISION MAJOR REQUIREMENTS (10 CREDITS)**

CSCI	2911	Computer Science I
CSCI	2912	Computer Science II
CSCI	2916	Computer Science I Lab
MATH	2215	Calculus II

**UPPER-DIVISION MAJOR REQUIREMENTS (3 CREDITS)**

MATH	3305	Linear Algebra
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**CONCENTRATION REQUIREMENTS**

**Math Education Concentration: (44-46 Credits)**

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 Master's degree in education with a mathematics specialty. This concentration also helps to prepare students for passing the Praxis II Math Content exam for the state licensure, for pursuing a position in the Hawai'i DOE as an emergency hire, and or pursuing private school mathematics teaching positions.

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (3 CREDITS)**

COM	2000	Public Speaking
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**LOWER-DIVISION REQUIREMENTS (9 CREDITS)**

MATH	1123	Statistics
MATH	2007	Math across the Ages
MATH	2220	Proof Writing

## **EXPERIMENTAL LAB SCIENCE REQUIREMENTS (8-10 CREDITS)**

Students are required to take two semesters of science courses with experimental lab components. In fulfilling this requirement, students gain both understanding of the scientific method and experience with laboratory work. Two semesters of a lecture plus lab pair of science courses is required. It is not required to take a full sequence within the same discipline; for example, this requirement could be met with BIOL 2050+2051 and CHEM 2050+2051.

*Pick any two pairs from this list:*

BIOL	2050+2051	General Biology I + Lab
BIOL	2052+2053	General Biology II + Lab
BIOL	3020+3021	Plant Biology + Lab
BIOL	3034+3035	Human Physiology + Lab
BIOL	3040+3041	General Microbiology + Lab
BIOL	3170+3171	Cell and Molecular Biology + Lab
CHEM	1020+1021	Introduction to Chemistry and the Environment + Lab
CHEM	2050+2051	General Chemistry I + Lab
CHEM	2052+2053	General Chemistry II + Lab
CHEM	3030+3031	Organic Chemistry I + Lab
CHEM	3032+3033	Organic Chemistry II + Lab
ENVS	2000+2001	Principles of Environmental Science + Lab
ENVS	3002+3003	Applications of Environmental Science + Lab
MARS	2062+2063	Marine Biology + Lab
MARS	3000+3001	General Oceanography I + Lab
MARS	3002+3003	General Oceanography II + Lab
PHYS	2030+2031	College Physics I + Lab
PHYS	2032+2033	College Physics II + Lab
PHYS	2050+2051	General Physics I + Lab
PHYS	2052+2053	General Physics II + Lab

Some of these lecture plus lab pairs depend on prior pairs; for example, taking General Chemistry II relies on taking General Chemistry I first. Students should carefully consult the prerequisites, especially for 3000-level courses.

Students planning to go on to graduate school may need a particular sequence of sciences prescribed by their intended graduate program. They should discuss their selections with their advisors with this in mind.

## **UPPER-DIVISION REQUIREMENTS (24 CREDITS)**

MATH	3220	College Geometry
MATH	3316	Problem Solving for Mathematics Teaching
MATH	3330	Abstract Algebra
MATH	3450	Real Analysis
MATH	4920	Math Education Practicum

Plus any *three* additional electives. The electives can be upper-division (3000 or 4000 level) MATH classes or MATH 2216 (if not taken as part of the concentration requirement), or electives may include up to two PSY or ED classes as approved by a faculty or academic advisor.

### **Pure Math Concentration: (38-40 Credits)**

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.

## **LOWER-DIVISION REQUIREMENTS (9 CREDITS)**

MATH	2007	Math Across the Ages
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MATH	2216	Calculus III
MATH	2220	Proof Writing

### **EXPERIMENTAL LAB SCIENCE REQUIREMENTS (8-10 CREDITS)**

Students are required to take two semesters of science courses with experimental lab components. In fulfilling this requirement, students gain both understanding of the scientific method and experience with laboratory work. Two semesters of a lecture plus lab pair of science courses is required. It is not required to take a full sequence within the same discipline; for example, this requirement could be met with BIOL 2050+2051 and CHEM 2050+2051.

*Pick any two pairs from this list:*

BIOL	2050+2051	General Biology I + Lab
BIOL	2052+2053	General Biology II + Lab
BIOL	3020+3021	Plant Biology + Lab
BIOL	3034+3035	Human Physiology + Lab
BIOL	3040+3041	General Microbiology + Lab
BIOL	3170+3171	Cell and Molecular Biology + Lab
CHEM	1020+1021	Introduction to Chemistry and the Environment + Lab
CHEM	2050+2051	General Chemistry I + Lab
CHEM	2052+2053	General Chemistry II + Lab
CHEM	3030+3031	Organic Chemistry I + Lab
CHEM	3032+3033	Organic Chemistry II + Lab
ENVS	2000+2001	Principles of Environmental Science + Lab
ENVS	3002+3003	Applications of Environmental Science + Lab
MARS	2062+2063	Marine Biology + Lab
MARS	3000+3001	General Oceanography I + Lab
MARS	3002+3003	General Oceanography II + Lab
PHYS	2030+2031	College Physics I + Lab
PHYS	2032+2033	College Physics II + Lab
PHYS	2050+2051	General Physics I + Lab
PHYS	2052+2053	General Physics II + Lab

Some of these lecture plus lab pairs depend on prior pairs; for example, taking General Chemistry II relies on taking General Chemistry I first. Students should carefully consult the prerequisites, especially for 3000-level courses.

Students planning to go onto graduate school may need a particular sequence of sciences prescribed by their intended graduate program. They should discuss their selections with their advisors with this in mind.

### **UPPER-DIVISION REQUIREMENTS (21 CREDITS)**

Any *seven* electives. The electives can be upper-division (3000 or 4000-level) MATH classes. The following classes are recommended:

MATH	3110	Foundations of Logic with Applications
MATH	3320	Set Theory
MATH	3330	Abstract Algebra
MATH	3450	Real Analysis

### **Applied Math Concentration: (48 Credits)**

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.

## **OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (3 CREDITS)**

CHEM 2050 General Chemistry I

## **LOWER-DIVISION REQUIREMENTS (21 CREDITS)**

CHEM 2051 General Chemistry I Laboratory  
CHEM 2052 General Chemistry II  
CHEM 2053 General Chemistry II Laboratory  
MATH 2007 Math Across the Ages  
MATH 2216 Calculus III  
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 (24 CREDITS)**

MATH 3307 Differential Equations  
MATH 3470 Applied Statistics  
MATH 3500 Numerical Methods  
MATH 4470 Methods of Applied Mathematics I  
MATH 4471 Methods of Applied Mathematics II

Plus any *three* additional electives. The electives can be upper-division (3000 or 4000-level) MATH classes or MATH 2220, or electives may include up to two Natural Science or CSCI classes as approved by a faculty or academic advisor.

## **3-2 Engineering (Dual Degree) Math Concentration: (43 Credits)**

The 3-2 Engineering concentration is the first portion of a five-year program leading to dual degrees in Applied Mathematics and Engineering. The 3-2 Engineering major 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.

## **OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (3 CREDITS)**

CHEM 2050 General Chemistry I

## **LOWER-DIVISION REQUIREMENTS (28 CREDITS)**

CHEM 2051 General Chemistry I Laboratory  
CHEM 2052 General Chemistry II  
CHEM 2053 General Chemistry II Laboratory  
ECON 2010 Principles of Microeconomics **or** ECON 2015 Principles of Macroeconomics  
MATH 2216 Calculus III  
PHYS 2050 General Physics I  
PHYS 2051 General Physics I Laboratory  
PHYS 2052 General Physics II  
PHYS 2053 General Physics II Laboratory  
PHYS 2054 General Physics III



**UPPER-DIVISION REQUIREMENTS (12 CREDITS)**

MATH	3307	Differential Equations
MATH	3470	Applied Statistics (Industrial and Systems Engineering)
MATH	3500	Numerical Methods
MATH	4470	Methods of Applied Mathematics I

**ELECTIVES**

There may be a significant core of course work depending on the engineering major being pursued. Students should clarify their engineering degree choice by the beginning of the second year at the latest and seek guidance from the 3-2 Engineering Program Coordinator. As an example: for Chemical Engineering, CHEM 3040 Quantitative Analysis and CHEM 3030 Organic Chemistry in addition to CHEM 3020 are highly recommended. Planning elective choices is essential to ensure students are as prepared as possible for their chosen field. Please consult with the Program Coordinator for more information.

**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 120 credits.

**BACHELOR OF SCIENCE  
MAJOR: OCEANOGRAPHY**

**5 Concentrations: (General, Chemical, Mathematics, Fisheries, and Biological)**

Total Credits Required: 120 Credits

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 fieldwork. Oceanography is the interdisciplinary study of the global oceans, and includes the sub-disciplines of physical, chemical, geological, and biological oceanography. In addition, students can choose among several concentrations for more focused upper-division coursework in chemistry, mathematics, biology, or fisheries science. Completion of the oceanography major prepares students to enter careers in the marine and aquatic sciences in the private or public sectors, including research laboratories and government agencies. Potential career areas include: education and teaching, environmental analysis, marine policy, fisheries science and management, marine industries, and many others. 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 fundamental principles in the physical and biological sciences.*
- 2. Integrate scientific principles from chemistry, physics, geology, and biology to explain 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 and evaluate published information from a variety of printed and electronic sources.*
- 6. Use an interdisciplinary perspective to analyze complex problems and develop relevant questions pertaining to marine systems.*

**FOUNDATIONAL COURSES (0 - 11 CREDITS)**

**GENERAL EDUCATION COURSES (36 CREDITS)**

**OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (6 CREDITS)**

CHEM	2050	General Chemistry I
MATH	1123	Statistics

**LOWER-DIVISION MAJOR REQUIREMENTS (32-34 CREDITS)**

BIOL	2050	General Biology I
BIOL	2051	General Biology I Laboratory
BIOL	2052	General Biology II
BIOL	2053	General Biology II Laboratory
CHEM	2051	General Chemistry I Laboratory
CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Laboratory
MARS	1020	Oceanographic Field Techniques
MATH	2214	Calculus I
MATH	2215	Calculus II

*Complete one of the following series:*

*College Physics Series:*

PHYS	2030	College Physics I
PHYS	2031	College Physics I Laboratory
PHYS	2052	General Physics II

PHYS 2053 General Physics II Laboratory

**Or**

*General Physics series\*:*

PHYS 2050 General Physics I

PHYS 2051 General Physics I Laboratory

PHYS 2012 General Physics II

PHYS 2053 General Physics II Laboratory

*\*The General Physics series PHY 2050-53, is recommended for students planning to attend graduate school)*

### **UPPER-DIVISION MAJOR REQUIREMENTS (10-12 CREDITS)**

MARS 3000 General Oceanography I

MARS 3001 General Oceanography I Laboratory

MARS 3002 General Oceanography II

MARS 3003 General Oceanography II Laboratory

MARS 4920 Research Experience in Oceanography **or** MARS 4500 Marine Sciences Honors Seminar

MARS 4921 Oceanography Research Seminar

### **UPPER-DIVISION MAJOR ELECTIVES**

Complete one of the following concentration area (Chemistry, Biology, Mathematics, or Fisheries Science), or select from the general electives list (General Option). Courses cannot “double-count” for major requirements, with the exception of those that count as General Education credits.

### **CHEMISTRY CONCENTRATION (23 CREDITS)**

CHEM 3030 Organic Chemistry I

CHEM 3031 Organic Chemistry I Laboratory

CHEM 3032 Organic Chemistry II

CHEM 3033 Organic Chemistry II Laboratory

MARS 4070 Chemical Oceanography

*Select two courses from the following:*

MARS 4060 Geological Oceanography

MARS 4080 Physical Oceanography

MARS 4090 Biological Oceanography

*Plus at least 6 credits from the following:*

CHEM 3020 Chemical Thermodynamics and Kinetics

CHEM 3040 Quantitative Analysis

CHEM 3041 Quantitative Analysis Laboratory

CHEM 3050 Environmental Chemistry

CHEM 4030 Biochemistry I

CHEM 4031 Biochemistry I Laboratory

CHEM 4054 Aquatic Chemistry

CHEM 4950 Chemistry Practicum

GEOL 3040 Geochemistry

### **BIOLOGY CONCENTRATION (23-26 CREDITS)**

BIOL 3080 Ecology

BIOL 3081 Ecology Laboratory

CHEM 3010 Fundamental Organic Chemistry **or** CHEM 3020/3032 Organic Chemistry I/II (The year-long series is recommended for students planning to attend graduate school).

MARS 4050 Marine Ecology **or** MARS 4090 Biological Oceanography

*Select two courses from the following:*

MARS 4060 Geological Oceanography

MARS 4070 Chemical Oceanography

MARS 4080 Physical Oceanography

Choose at least seven credits from the following courses, with at least three credits from each of the following two subject groups:

**Group 1: Cellular and Molecular Biology**

BIOL	3040	General Microbiology
BIOL	3041	General Microbiology Laboratory
BIOL	3050	Genetics
BIOL	3054	Evolutionary Genetics
BIOL	3170	Cell and Molecular Biology
BIOL	3171	Cell and Molecular Biology Laboratory
BIOL	4040	Environmental Microbiology
BIOL	4041	Environmental Microbiology Laboratory
CHEM	4030	Biochemistry I

**Group 2: Organismal Biology & Ecology**

BIOL	3010	Hawaiian Natural History
BIOL	3025	Algal Biology and Diversity Laboratory
BIOL	3030	Comparative Animal Physiology
BIOL	3031	Comparative Animal Physiology Laboratory
BIOL	3060	Marine Invertebrate Zoology
BIOL	3061	Marine Invertebrate Zoology Laboratory
BIOL	3070	Marine Vertebrate Zoology
BIOL	3071	Marine Vertebrate Zoology Laboratory
BIOL	4024	Algal Biology and Diversity
MARS	4030	Marine Mammal Biology
MARS	4031	Marine Mammal Biology Laboratory
MARS	4040	Seabird Ecology and Conservation
MARS	4050	Marine Ecology
MARS	4051	Marine Ecology Laboratory
MARS	4090	Biological Oceanography
MARS	4100	Marine Resource Management: Culture & Sustainability
MARS	4210	Marine Fisheries & Management
MARS	4400	Marine Conservation Biology

**MATHEMATICS CONCENTRATION (24 CREDITS)**

MARS	4080	Physical Oceanography
MATH	3305	Linear Algebra
MATH	3307	Differential Equations

Select two courses from the following:

MARS	4060	Geological Oceanography
MARS	4070	Chemical Oceanography
MARS	4090	Biological Oceanography

Plus nine credits from the following courses:

MATH	2216	Calculus III
MATH	3110	Foundations of Mathematical Logic and Application
MATH	3234	Cryptology
MATH	3301	Discrete Mathematics
MATH	3302	Elementary Number Theory
MATH	3316	Problem Solving
MATH	3450	Real Analysis
MATH	3460	Probability
MATH	3470	Engineering Statistics
MATH	3500	Numerical Methods
MATH	4301	Combinatorics and Graph Theory
MATH	4450	Complex Analysis
MATH	4470	Methods of Applied Mathematics I
MATH	4471	Methods of Applied Mathematics II

## **FISHERIES SCIENCE CONCENTRATION (28 CREDITS)**

### **OVERLAPPING GENERAL EDUCATION & LOWER-DIVISION COURSES (3 CREDITS)**

ECON 2010 Principles of Microeconomics (Traditions & Movements that Shape the World)

### **UPPER-DIVISION CONCENTRATION REQUIREMENTS (25 CREDITS)**

BIOL 3080 Ecology  
BIOL 3081 Ecology Laboratory  
ECON 3430 Environmental Economics  
ENVS 3600 Natural Resources Management  
MARS 4050 Marine Ecology  
MARS 4210 Marine Fisheries and Management

*Select one course from the following:*

MARS 4060 Geological Oceanography  
MARS 4070 Chemical Oceanography  
MARS 4080 Physical Oceanography

*Plus at least five credits from the following courses, with at least three credits from a fisheries-related course:*

Fisheries-related courses:

BIOL 3070 Marine Vertebrate Zoology  
MARS 4100 Marine Resource Management: Culture and Sustainability  
MARS 4400 Marine Conservation Biology

Other Courses:

BIOL 3060 Marine Invertebrate Zoology  
MARS 4030 Marine Mammal Biology  
MARS 4040 Seabird Ecology and Conservation  
MARS 4050 Marine Ecology  
MARS 4051 Marine Ecology Laboratory  
MARS 4090 Biological Oceanography

## **GENERAL OCEANOGRAPHY CONCENTRATION (23 CREDITS)**

*Select three courses from the following:*

MARS 4060 Geological Oceanography  
MARS 4070 Chemical Oceanography  
MARS 4080 Physical Oceanography  
MARS 4090 Biological Oceanography

*Plus at least 14 credits from courses in the natural and computational sciences:*

BIOL 3010 Hawaiian Natural History  
BIOL 3025 Algal Biology and Diversity Laboratory  
BIOL 3030 Comparative Animal Physiology  
BIOL 3031 Comparative Animal Physiology Laboratory  
BIOL 3040 General Microbiology  
BIOL 3041 General Microbiology Laboratory  
BIOL 3050 Genetics  
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 3080 Ecology  
BIOL 3081 Ecology Laboratory  
BIOL 3170 Cell and Molecular Biology  
BIOL 3171 Cell and Molecular Biology Laboratory  
BIOL 4024 Algal Biology and Diversity  
BIOL 4040 Environmental Microbiology  
BIOL 4041 Environmental Microbiology Laboratory  
BIOL 4090 Biometry

CHEM	3010	Fundamental Organic Chemistry
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	4030	Biochemistry I
CHEM	4031	Biochemistry I Laboratory
CHEM	4032	Biochemistry II
CHEM	4033	Biochemistry II Laboratory
CHEM	4054	Aquatic Chemistry
CSCI	3242	Modeling and Simulation
CSCI	3301	Database Technologies
ENVS	3010	Environmental Impact Analysis
ENVS	3030	Earth Systems and Global Change
ENVS	3600	Natural Resources Management
GEOL	4700	Geographic Information Systems
Any upper-division (3000-4000 level) GEOL course.		
Any upper-division (3000-4000 level) MARS course.		
Any upper-division (3000-4000 level) MATH course.		

### **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 120 credits.



# **OTHER UNDERGRADUATE PROGRAMS**

**Residential Honors Program**

**Study Abroad and Student Exchange  
Programs**

**Concurrent Programs**



# RESIDENTIAL HONORS PROGRAM

## Mission

Hawai'i Pacific University (HPU) is committed to academic excellence and to supporting new generations of global leaders. The HPU Honors Program provides students with a challenging, engaging, and rigorous curriculum designed to nurture integrated thinking and problem solving. Small classes, international academic experiences, and opportunities to pursue independent research under the guidance of dedicated faculty, create an enhanced living and learning environment for exceptional students.

## A Collegial Cohort Experience

The Residential Honors Program is designed as a cohort living and learning experience. Honors students will reside together through their sophomore year and will take a series of common honors seminars through their junior year.

## Student Learning Outcomes

All coursework and extra- and co-curricular activities in the Honors Program will address one or more of these outcomes:

1. **Investigation** – Practice the systematic process of exploring an issue, object or work through the collection and analysis of evidence, resulting in informed conclusions or judgments.
2. **Integration** – Develop the ability to integrate, evaluate, and apply knowledge from a variety of disciplines and sources.
3. **Intentionality** – Demonstrate the purposeful ability to transfer skills, theories, or methods to problem solving inside and outside the classroom.
4. **Initiative** – Cultivate and demonstrate leadership skills, work effectively in teams, and demonstrate self-leadership within the honors experience and in the wider community.

## Course of Study

Students take 25-29 credits of honors courses over a four-year period. Honors students are exempted from General Education classes, save where those classes constitute a part of the student's major. Seminars are small, interdisciplinary, and team-taught by honors faculty from across the university. The seminars are designed to promote integrative thinking and problem solving and culminate in a senior project which can be conducted within the honors program or within the major. Topics for seminars will vary.

## Freshman Honors Seminars

Freshman seminars introduce students to the college honors experience, higher learning, and a sense of place.

### **HON 1000 Freshman Honors Seminar I: Beginning Honors**

This seminar introduces students to the college, and honors program, experience. Through an investigation of specific topics, the course is designed to orient students to higher-level academic work and to examine the relationship of the life of the mind to the world outside college. All honors students must take this course in the fall of their freshman year. (4 credits)

### **HON 1100 Freshman Honors Seminar II: Exploring Hawai'i and the Pacific**

Through an interdisciplinary seminar, students will deepen their understanding of Hawai'i and the Pacific region. Emphasis in this course is on direct involvement with the Hawai'i and the Pacific community/environment, experiential learning, and the transfer of theory to problem solving outside the classroom. All honors students must take this course in the spring of their freshman year. (4 credits)

## Sophomore Honors Seminars

Sophomore seminars are designed to build upon the critical reading and writing skills developed in freshman seminars. The seminars develop the skills necessary for advanced honors-level work, particularly integration of multidisciplinary approaches to problem solving and understanding.



### **HON 2000 Sophomore Honors Seminar I**

This interdisciplinary seminar is specifically targeted to develop important analytical skills through the practice of quantitative analysis and formal symbolic reasoning. Courses focus on the presentation and evaluation of evidence and argument and the understanding of the use and misuse of data. All honors students must take this course in the fall of their sophomore year. (4 credits)

### **HON 2100 Sophomore Honors Seminar II**

Honors 2100 takes skills developed in freshman honors courses and applies them in an interdisciplinary analysis of critical and enduring issues. Students will grapple with important texts and ideas which require careful analysis and reflection. Courses are team taught by faculty from differing disciplines and topics will vary depending upon the instructors. All honors students must take this course in the spring of their sophomore year. (4 credits)

### **HON 2200 Sophomore Honors Seminar III**

Honors 2200 takes skills developed in freshman honors courses and applies them in an interdisciplinary analysis of critical and enduring issues. Students will grapple with important texts and ideas which require careful analysis and reflection. Courses are team taught by faculty from differing disciplines and topics will vary depending upon the instructors. This course is taken as a companion course to HON 2100 and must be taken in the spring of the sophomore year. (4 credits)

### **HON 3000 Junior Honors Colloquium**

Through a multidisciplinary engagement with a specific topic and through the presentations of guest speakers, the colloquium builds the skills necessary to the research process; it prepares the students for the tasks they will encounter in their senior year as they embark upon their senior project. All students must take this colloquium in their junior year. (3 credits)

### **HON 4900 & 4901 Seniors Honors Project**

All honors students are required to complete a senior honors project. This may be undertaken within the major or within the honors program. As a culminating experience, all honors students make an oral presentation and discussion of their project. (2-6 credits)

### **Admission to the Honors Program**

Admission to the Honors Program at HPU is based upon academic achievement and potential. Students may be admitted into the Honors Program by invitation or application. The Honors Program seeks students majoring in any academic discipline who are:

- Seeking a unique honors experience in a multi-cultural environment
- Committed to excellence both within and outside the classroom
- Potential global leaders who wish to develop further leadership skills
- Entrepreneurial and creative thinkers
- Curious, inquisitive and self-directed learners
- Demonstrate commitment to academic excellence and co- and extra-curricular enrichment

Students will be required to submit an essay(s) as part of the application and acceptance process. The Residential Honors Program is designed for first-time, full-time freshmen only.

### **To Remain in Good Standing, Honors Students Are Required To:**

- Maintain a 3.0 cumulative GPA through their freshman year
- Maintain a 3.4 cumulative GPA through their sophomore, junior and senior years
- Complete all required HON courses
- Abide by the Residential Honors Student Code of Conduct
- Attend all mandated co- and extra-curricular events

For more information about the Residential Honors Program, please contact Dr. Allison Gough, Ph.D., Dean of the Honors Program, at [honors@hpu.edu](mailto:honors@hpu.edu) and visit <http://www.hpu.edu/honorsprogram/>.

## STUDY ABROAD—STUDENT EXCHANGE PROGRAMS

Hawai'i Pacific University, as part of its emphasis on international education and global citizenship, offers degree-seeking students opportunities to complement their HPU experience by participating in Study Abroad programs in more than 70 different countries. There are over 400 program options to choose from where students can fill their degree requirements while pursuing internships, taking classes, or conducting field research abroad. Students can use their federal financial aid on any approved Study Abroad program, plus there are additional scholarships and funding available specifically to help students study abroad. For more information, please visit [http://www.hpu.edu/Study\\_Abroad](http://www.hpu.edu/Study_Abroad) or contact the Office of International Exchange and Study Abroad Programs at [studyabroad@hpu.edu](mailto:studyabroad@hpu.edu).

### Student Exchange Program

Hawai'i 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

## CONCURRENT PROGRAM

Select graduate programs participate in HPU's Concurrent Program, which allows students to complete limited graduate coursework within a participating graduate program before earning an undergraduate degree. The Concurrent Program is only available to current HPU undergraduate students with a minimum GPA of 3.0 who have completed 90 credits hours towards the degree (including the current term and any transfer credits).

Eligible HPU undergraduates may enroll in designated graduate courses and earn both graduate and undergraduate credit simultaneously for the same course. A maximum of 12 credit hours may be earned concurrently. If a student successfully completes this concurrent coursework with a 3.0 or higher GPA and has their HPU undergraduate degree conferred, the student can continue in the participating HPU graduate program without having to take any further steps. If a student decides not to pursue a graduate program at HPU immediately after graduation, the student has the privilege of entering the participating graduate program within one year from the date of graduation.

### 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 website, [www.hpu.edu/grad/academics/concurrent\\_programs/](http://www.hpu.edu/grad/academics/concurrent_programs/).

Business Administration (MBA)

Communication (MA)

Diplomacy and Military Studies (MA)

Human Resource Management (MA)  
Information Systems (MS)  
Global Leadership and Sustainable Development (MA)  
Marine Science (MS)  
Organization Development and Change (MA)  
Public Administration (MPA)  
Secondary Education (MEd)  
Teaching English to Speakers of Other Languages (MA)

**Concurrent Degree Certificate:**

National Security and Strategic Studies



# MINORS



## MINORS

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 12 credit hours in the minor field must be taken in addition to coursework in the major. All students must complete a minimum of six (6) credits of minor coursework 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 coursework 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

### ADVERTISING/PUBLIC RELATIONS

*Five courses:*

MC	2100	Mass Communication Research
MC	3110	Editing
MC	3120	Writing for Digital Media
MC	3730	New Media Strategies & Sales
MC	3760	Integrated Campaigns

### AMERICAN STUDIES

*Any six of the following courses, four of which must be upper-division from at least three different alphabets:*

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	3122	American Literature After 1800
ENG	3202	Literature of Slavery
ENG	3224	Ethnic Literature
ENG	3226	Hawai'i Writers
ENG	3227	Hawai'i and the Pacific in Film
ENG	3252	20 <sup>th</sup> -Century American Women Writers of Color
HIST	1401	American Stories: Themes in American History to 1877
HIST	1402	The American Experience, 1865 to the Present
HIST	3411	U.S.: Jackson to Civil War
HIST	3414	"Untied States: " Race and Ethnicity in American History
HIST	3421	Golden Age/Progressive Era
HIST	3441	U.S. History Since WWII
HIST	3461	American Intellectual History
HIST	3465	U.S.-Japanese Relations 1853-Present
HIST	3470	Women in America
HIST	3666	U.S. Military History
HIST	3676	U.S. 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 Hawai'i
PSCI	3430	America: Images from Abroad

*Or other courses approved by the American Studies Program Chair.*

## **ART HISTORY**

*Students are required to take:*

*ARTH 2301 Topics in World Art History*

*Plus 4 upper-division courses, at least one from each category below:*

### **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 totaling at least 21 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	3170	Cell and Molecular Biology
BIOL	3171	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	3036	Human Anatomy
BIOL	3060	Marine Invertebrate Zoology
BIOL	3061	Marine Invertebrate Zoology Lab
BIOL	3070	Marine Vertebrate Zoology
BIOL	3071	Marine Vertebrate Zoology Lab

**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
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	4070	Chemical Oceanography

### **CLASSICAL STUDIES**

*Students are required to take:*

CLST 1000 *Great Books, East and West*

*Plus any four of the following upper-division courses:*

CLST	3030	Ancient Drama
CLST	3100	Female Figures in Classical Myth, Literature, and Religion
CLST	4900	Seminar in East-West Classical Studies
HIST	3151	Medieval Europe
HIST	3270	Gender in Medieval and Early Modern Europe
HUM	3601	Mythology
PHIL	3200	History of Western Philosophy
REL	3151	Bible as Literature
REL	3152	Understanding Early Christian Literature
REL	3200	Abrahamic Traditions
REL	3700	Female Figures in the Bible

### **COMMUNICATION STUDIES**

*Five courses:*

*Choose one of the following:*

COM	2300	Communication and Culture
COM	2500	Sex and Gender in Communication Contexts

*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 credit*

### **CRIMINAL JUSTICE**

*Complete one lower-division and four upper-division Criminal Justice courses (15 credits):*

CJ	1000	Violence in American Society
CJ	3000	Ethics and Justice
CJ	3070	Justice Management
CJ	3300	Criminal Procedures
CJ	3500	Criminal Law



## **DIPLOMACY AND MILITARY STUDIES**

*Any five of the following upper-division courses with at least one from both HIST and PSCI:*

GEOG	3750	Military Geography
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	3668	Military History of Hawai'i
HIST	3676	U.S. Diplomatic History
HIST	3880	Modern World Revolutions
HIST	4661	History of Military Thought
HIST	4900	Seminar in History
HIST	4961	Seminar: Military History
INTR	3000	International Relations
INTR	3200	National and International Security
INTR	3250	Peace-Building and Conflict Management
INTR	3275	Global Governance
INTR	3350	International Human Rights
INTR	3400	International Relations of Asia
INTR	3905	Any Contemporary Nations course
PSCI	3412	American Foreign Policy
PSCI	3430	American: Images from Abroad
PSCI	3525	Islam and Politics
PSCI	3540	Politics of Terrorism
PSCI	3650	Intelligence Studies
PSY	3360	Military Psychology
SOC	3660	Sociology of Terrorism

*Or other courses approved by the DMS Program Chair.*

## **EAST-WEST CLASSICAL STUDIES**

*Five courses as listed below:*

Required:

CLST	1000	Great Books East and West
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*Choose 4 additional courses: any 2 from Western Traditions and any 2 from Eastern traditions:*

Western Traditions:

ARTH	2200	Foundations of Western Art
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)
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
MUS	3100	Theater Music of the World
PHIL	3300	History of Eastern Philosophy
REL	3310	Asian Traditions
REL	3600	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 Japanese or Chinese.*

### **ENGLISH**

*Five courses beyond WRI 1150 or any Written Communication & Information Literacy course:*

HUM 3900 Research and Writing in the Humanities

*Plus any two 3000 or 4000-level ENG courses*

*Plus two courses chosen from:*

ENG 2100 Ways of Reading

Any 3000 or 4000-level ENG course

Any 3000-level WRI course

### **ENVIRONMENTAL STUDIES**

*Complete one or both of the following:*

ENVS 3010 Environmental Impact Analysis

ENVS 3030 Earth Systems and Global Change

*Plus four or five of the following:*

ANTH 3400 Anthropology of Food and Eating

ENVS 3002 Applications of Environmental Science

ENVS 3020 Environmental Policy Process

ENVS 3600 Natural Resource Management

ECON 3430 Environmental Economics

SOC 3650 Global Systems and Development

### **FILM STUDIES**

*Five upper-division courses:*

ENG 3330 Film Theory and Criticism

*Plus any four of the following:*

COM 3260 Exploring Film

ENG 2301 World Film Studies

ENG 3101 Shakespeare on Screen

ENG 3145 Nonfiction Film: Documentary, Docudrama, and Historical Film

ENG 3150 Television Studies

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

## **FORENSIC HEALTH SCIENCE**

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. This minor is designed to prepare students to appreciate the rapidly changing field of forensic science and to prepare them to work as a member of a multi-disciplinary team in the collection, preservation, and presentation of forensic evidence.

*Required courses:*

NUR	3550	Crime Scene Investigation: Theories and Practice (also CJ 3550)
NUR	3973	Criminalistics and the Investigation of Injury and Death
NUR	3974	Forensic Science Experiential Learning
PSY	3310	Forensic Psychology

*Choose from one of the following elective courses:*

CJ	3510	Crime Victims and Justice
CJ	3520	Drug Abuse and Justice
PH	3025	Sexuality in Health and Society (also NUR 3025/SWRK 3025)

## **GENDER AND WOMEN'S STUDIES**

*Six courses:*

HUM	1270	Introduction to Women's Studies
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*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
PSCI	3550	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.*

## **GERONTOLOGY**

The Minor in Gerontology is meant to provide a broad base of health knowledge that will be useful in a wide variety of occupations such as social work, journalism, correctional system, business and education.

*Five courses; students must take all of the following:*

PH	1000	Introduction to Personal and Community Health
PH	3060	Global Aging
PH	3070	Gerontology Theory and Practice
PH	4020	Social Gerontology

REL 3007 On Death and Dying

### **GLOBAL COMMUNICATION**

*Five courses:*

COM	2300	Communication and Culture
COM	3000	Mass Media
COM	3300	Intercultural Communication
COM	3750	Global Communication Cases
COM	3760	Communication Futures

### **HEALTH PROMOTION**

*Students must take the following:*

PH	1000	Introduction to Personal and Community Health
PH	3020	Epidemiology
PH	3030	Health Promotion and Wellness Management
PH	3040	Health Education Planning, Theory, and Practice
PH	4600	Grantwriting in the Health Professions

### **HISTORY**

*Any five upper-division HIST courses beyond any single 2000-level HIST course.*

### **HOSPITALITY AND TOURISM MANAGEMENT**

*Four upper-division courses beyond the upper-division business requirements and beyond HTM 1010 and one HTM work experience:*

HTM	3110	Hotel and Resort Management
HTM	3210	Food and Beverage Management
HTM	3610	Travel Industry Marketing
HTM	4310	Passenger Transportation Management

### **HUMAN RESOURCE DEVELOPMENT**

*Four upper-division courses from the following list:*

HRD	3100	Principles of Instructional Design
HRD	3110	Training Methods, Delivery, and Evaluation
HRD	3120	E-Learning and Learning Technologies
HRD	3300	Human Resource Development Project Management
HRD	3400	Organizational Staffing

*Plus one elective course from the following:*

ANTH	3350	Diversity in the Workplace
CJ	3000	Ethics and Justice
COM	3350	Team Building
COM	3420	Business Communication
PADM	3000	Analytical Techniques and Methods
PADM	3600	Non-profit Management
PSY	3121	Applications of Psychology to Management
PSY	3122	Industrial/Organizational Psychology

### **HUMANITIES**

*Five courses:*

*One lower-division course in ARTH, CLST, HUM, PHIL, or REL*

*Plus four other upper-division ARTH, CLST, ENG, HIST, HUM, PHIL, or REL courses. No more than two of these courses may come from the same alpha.*

### **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**

*A total of five courses (15 credits) is required, four of them at the upper-division level:*

*One lower-division course from:*

GEOG	1500	World Regional Geography
GEOG	2000	Visualizing Human Geography
INTR	1000	The International System
PSCI	2000	Introduction to Politics

*Four upper-division courses from:*

HIST	3xxx	Any 3000-level HIST course
INTR	3000	International Relations
PSCI	3500	Comparative Politics

*Plus one additional upper-division (3000-4000 level course in ANTH, ENVS, GEOG, HIST, INTR, PSCI or SOC.*

### **JAPANESE**

#### **Option 1 (24 Credits or more):**

One year study abroad at one of HPU's Exchange Partner Schools in Japan.\*

#### **Option 2 (18 Credits or more):**

One semester study abroad at one of HPU's Exchange Partner Schools in Japan\* and two of the following (6-8 credits):

JPE	2200	Intermediate Japanese II
JPE	3100	Advanced Japanese I
JPE	3200	Advanced Japanese II
JPE	4100	Advanced Japanese III
JPE	4200	Advanced Japanese IV
ANTH	3300	Japanese Society and Culture
ARTH	3321	Art of Japan
ENG	3135	Japanese 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
MGMT	3310	Contemporary Japan-U.S. Relations

\* For a current list of Partner Schools, please contact the Office of International Exchange and Study Abroad.

## **JOURNALISM**

*Five courses:*

MC	3110	Editing
MC	3120	Writing for Digital Media
MC	3130	Reporting
MC	3300	Social Media
MC	3310	Photojournalism

## **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 Development for MKTG 3100
MKTG	3700	Electronic Marketing for MKTG 3110

## **MATHEMATICS**

*Five upper-division courses beyond MATH 2215:*

A minor in mathematics is awarded for the successful completion of five upper-level MATH classes (3000-4000 level) beyond MATH 2215. One 2000-level math class (above MATH 2215) may count to the math minor, but MATH 2326 is not eligible to count towards the minor.

## **MEDIA STUDIES**

*Five courses:*

*Two of the following:*

MULT	2000	Global Cinema Studies <b>or</b> MULT 2060 Modern Media Systems
<b>and</b>		
COM	3300	Mass Media <b>or</b> COM 3680 Rhetorical Theory <b>or</b> COM 3900 Communication Theory

*Three of the following:*

COM	3260	Exploring Film
COM	3270	Film Genre
COM	3750	Global Communication Cases
COM	3770	Media Literacy
COM	3780	Media Convergence

## **MULTIMEDIA**

*Five courses*

*One lower-division courses:*

MULT	2000	Global Cinema Studies <b>or</b> MULT 2060 Modern Media Systems
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*Three upper-division courses:*

MULT	3475	Web Interface and Design
MULT	3510	Nonlinear Audio-Visual Editing
MULT	3600	Creative Narrative Production

*One of the following:*

MULT	3400	Design Systems and Portfolio
MULT	3500	Cinematography Workshop
MULT	3675	Advanced Web Design
MULT	3750	Motion Graphics and Compositing
MULT	3780	Global Documentary
MULT	4590	Feature Film Screenwriting
MULT	4900	Seminar in Visual Communication

## **MUSIC**

*Total of 17 credits in three areas are required. At least 12 credits must be upper-division.*

MUS 2400 Music Theory I (3 credits)

Ensemble and Applied Music (8 credits):

*For pianists and guitar/ukulele players, 4-6 credits of applied music:*

MUS 3210 Applied Music (solo)

*and 2-4 credits of ensemble/chamber courses:*

MUS 1710 International Chorale (voice placement audition required)

MUS 3210 Applied Music (trio, quartet, quintet)

MUS 3700 Sea Warrior Band (Hawaiian Ensemble, Jazz Ensemble, audition required)

MUS 3710 International Vocal Ensemble (audition required)

*For all other instrumentalists and vocalists, 2-4 credits of applied music:*

MUS 3210 Applied Music (solo instrument or ensemble)

*and 4-6 credits of ensemble courses:*

MUS 3700 Sea Warrior Band (audition required)

MUS 3710 International Vocal Ensemble (audition required)

MUS 3720 Chamber Orchestra (Symphony, audition required)

*Choose two upper-division courses in music from the following (6 credits):*

MUS 3010 Jazz History

MUS 3030 History of American Musical Theater

MUS 3100 Theater Music of the World

MUS 4000 Topics in Music (repeatable)

PHIL 3501 Philosophy of Art and Aesthetics

PSY 3160 Psychology of Music

## **OCEANOGRAPHY**

*The minor requires at least 17 credit hours in MARS courses:*

MARS 1020 Oceanographic Field Techniques

MARS 3000 General Oceanography I

MARS 3001 General Oceanography I Lab

MARS 3002 General Oceanography II

MARS 3003 General Oceanography II Lab

*Choose at least two courses from the following list:*

MARS 4060 Geological Oceanography

MARS 4070 Chemical Oceanography

MARS 4080 Physical Oceanography

MARS 4090 Biological Oceanography, **or** MARS 4050 Marine Ecology

Note: At least twelve (12) credit hours unique to each minor must be taken in addition to those required for fulfillment of the major program of studies. To complete the minor, Marine Biology majors will take MARS 4060, 4070, 4080, and 4090 in addition to their major requirements.

## **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	Volcanoes: Effects on Humanity and the Environment
GEOL	3020	Hydrogeology
GEOL	3030	The History of Life and the Earth
MARS	4060	Geological Oceanography
MARS	4080	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	2030	College Physics I <b>or</b> PHYS 2050 General Physics I
PHYS	2031	College Physics I Laboratory <b>or</b> PHYS 2051 General Physics I Lab
PHYS	2032	College Physics II <b>or</b> PHYS 2052 General Physics II
PHYS	2033	College Physics II Laboratory <b>or</b> PHYS 2053 General Physics II Lab

### ***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	3950	Pre-Medical Studies Practicum

*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	3170	Cell and Molecular Biology
BIOL	3171	Cell and Molecular Biology Laboratory
BIOL	4020	Cancer Biology
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**

*15 credits as outlined below:*

*Take all of the following (12 credits):*

CJ	3000	Ethics & Justice <b>or</b> SWRK 3000 Methods of Social Work I
PADM	3000	Analytical Techniques and Methods
PADM	3200	Public Policy
PSCI	3200	Introduction to Public Administration

*Plus one elective course from the following (3 credits):*

PADM	3400	Public Personnel Administration
PADM	3500	Public Finance and Budgeting
PADM	3600	Non-Profit Management
PADM	3700	Urban Governance

## **RELIGIOUS STUDIES**

*Choose one lower-division course from the following (3 credits):*

REL	1000	Introduction to World Religions
REL	2001	Search for Meaning
REL	3151	Bible as Literature

*Choose four courses from the following, at least two of which must be designated as REL (12 credits):*

ANTH	3110	Symbolism, Myth, and Ritual
ANTH	3115	Culture, Religion, and the Environment
ANTH	3850	Cultural Sites and Practices of the Ancient Hawaiians-Part I
ANTH	3980	Hawaiian Sovereignty, Process, and the Sacred Community
ARTH	3301	Foundations of Western Art
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
ARTH	3611	Art of the Human Body
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
MUS	3100	Theater Music of the World

PHIL	3300	History of Asian Philosophies
PSCI	3525	Islam and Politics
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	3997	Directed Readings
REL	4002	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.*

### **SPANISH**

#### **Option 1 (24 Credits or more):**

One year study abroad at one of HPU's Exchange Partner Schools in a Spanish-speaking country.\*

#### **Option 2 (18 Credits or more):**

One semester study abroad at one of HPU's Exchange Partner Schools in a Spanish-speaking country\* and two of the following (6-8 credits):

SPAN	2200	Intermediate Spanish II
SPAN	3100	Advanced Spanish Speaking and Listening
SPAN	3200	Advanced Spanish Writing and Grammar
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.
HIST	2451	History of Latin America
HIST	3242	History of Spain
INTR	3945	Contemporary Nations: Latin America

\* For a current list of Partner Schools, please contact the Office of International Exchange and Study Abroad.

### **SPEECH COMMUNICATION**

*Five courses:*

*One lower-division course:*

COM	2000	Public Speaking
COM	2640	Argumentation and Debate

*Four upper-division courses:*

COM	3320	Persuasion
COM	3440	Advanced Public Speaking
COM	3641	Argumentation & Debate Practicum
COM	3680	Rhetorical Theory
COM	3900	Communication Theory

### **STUDIO ART**

Six courses:

One required course:

ARTS 2010 Beginning Drawing

Choose one of the following courses:

ARTS 2020 Intermediate Drawing

ARTS 2150 Introduction to Design

MULT 2460 Graphic Design

Choose four of 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 3611 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 The English Sound System

AL 3120 English Sentence Structure

AL 3950 Language Classroom Experience (usually taken 1 credit at a time)

AL 4710 Teaching Listening and Speaking Skills

AL 4720 Materials, Methods, Testing II: Written English

AL 4960 Practice Teaching I

## **THEATER**

The minor has a total of five courses.

Both of the following:

THEA 2320 Acting I: Basic Acting for Stage and Screen

THEA 3420 Acting II: Fundamentals of Scene Study

Plus three additional upper-division courses from the list below, two of which must be from the THEA alpha:

COM 3260 Exploring Film

ENG 3222 Asian Dramatic Literature

ENG 4100 Shakespeare Seminar

MUS 3100 Theater Music of the World

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

THEA 4950 Theater Performance

WRI 3320 Scriptwriting

## **WRITING**

15 upper-division credits as outlined below:

12 credits chosen from this list (courses in this list are 3 credits unless otherwise specified):

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

MC 3120 Writing for Digital Media

SWRK	3300	Writing and Research in Social Work
WRI	3310	Poetry Workshop
WRI	3311	Childhood and Poetry Workshop
WRI	3313	The Sacred and the Erotic in Lyric Poetry
WRI	3320	Scriptwriting
WRI	3330	Fiction Writing
WRI	3340	Creative Nonfiction Writing Workshop
WRI	3391	Wanderlust: Student Literary Magazine
WRI	3510	Composition Studies (3-4 credits)
WRI	3950	Professions in Writing Practicum
WRI	3951	Staff Reader, Hawai'i Pacific Review (1 credit)
WRI	3953	Managing Editor, Hawai'i Pacific Review
WRI	3990	Nonpaid Internship (1-3 credits)
WRI	3991	Paid Internship (1-3 credits)

*Students are encouraged to take at least three credits in internship or practicum courses such as WRI 3391, 3510, 3950, 3951, 3953, 3990 or 3991*

*Plus required capstone (3 credits):*

WRI	4990	Advanced Writing Revision Workshop
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# 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 reshaped 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\*

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 3400 International Relations of Asia

INTR 39xx Contemporary Nations Series (any courses with this alpha on an Asian country or region)

PSCI 3520 Politics and Government in Asia

PSCI 3580 Comparative Political Economy

\* Can be used only if not used elsewhere in this certificate

### 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
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 <sup>th</sup> Century Women Writers of Color
INTR	3350	International Human Rights
PSCI	3401	Issues in American Politics
PSCI	3560	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	3250	Peace-Building and Conflict Management
INTR	4110	Diaspora Cultures
PSCI	3560	Politics of Culture and Race
SOC	3750	Social Movements and Collective Behavior <b>or</b> 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

### **HAWAI'I/ 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

### **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 Liberal Arts 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.

### **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 students/scholars as active citizens that, in striving for social justice, empower others and transform 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

INTR 3250 Peace-Building and Conflict Management

PSCI 3560 Politics of Culture and Race

## **GERONTOLOGY CERTIFICATE**

The Certificate in Gerontology provides an opportunity for students in various programs to learn about a complementary field of study. Students enrolled in programs such as social work, journalism, social sciences, and business may find a concentration in gerontology to be an advantage in the workplace. The Certificate includes a practicum course, giving the student field experience in gerontology.

*Students must take all of the following:*

PH	1000	Introduction to Personal and Community Health
PH	3060	Global Aging
PH	3070	Gerontology Theory and Practice
PH	4010	Social Gerontology in Health Science
PH	4910	Practicum III
REL	3007	On Death and Dying

## **HOSPITALITY AND TOURISM MANAGEMENT CERTIFICATE**

Hawai'i 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.

It is recommended that applicants to the Hospitality and Travel Management certificate have an educational and/or experiential background in travel industry or a related area.

## **CERTIFICATE REQUIREMENTS**

Students must take a total of five courses in order to receive a Hospitality and Travel Management certificate.

*Students must take two of the following courses:*

HTM	3110	Hotel and Resort Management
HTM	3210	Food and Beverage Management
HTM	4310	Passenger Transportation Management
HTM	4410	Destination Development and Marketing

*And two of the following courses:*

HTM	3610	Travel Industry Marketing
HTM	4620	Travel Industry Financial Analysis and Control
HTM	4635	Advanced Business Law: Hotel and Travel

*And one of the following courses or an upper-division HTM elective:*

HTM	3510	Travel Agency Management
HTM	3645	Human Resource Management in Travel Industry Management
HTM	4110	Hotel Rooms Management
HTM	4210	Advanced Food and Beverage
HTM	4655	Information System Issues in Travel Industry Management
HTM	4692	Management of Customer Service Organizations

## **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 earn increased credibility and respect within the profession and the organization where one is 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

## **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 Credits)*

AL	2000	Introduction to Linguistics
AL	3110	The English Sound System
AL	3120	English Sentence Structure
AL	3950	Language Classroom Experience (1-3 credits)
AL	4960	Practice Teaching I

*And one of the following:*

AL	4710	Teaching Listening and Speaking Skills
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	Teaching Listening and Speaking Skills
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
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 a TESOL-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. 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 Written Communication & Information Literacy I 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 for 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 his or her undergraduate program should file a Petition to Certificate (along with a 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 Hawai'i, 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
NUR	3943	Transcultural Nursing
NUR	3944	Transcultural Nursing: People of Hawai'i
NUR	3945	Theoretical Foundations of Transcultural Nursing

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

### **POST-BACCALAUREATE CERTIFICATE IN NURSING EDUCATION**

The post-baccalaureate certificate in nursing education is designed to assist the nurse in developing teaching skills for either entry-level academic teaching, teaching in a clinical setting, such as a staff educator or clinical nursing instructor, or both.

*Required Courses*

NUR	5001	Foundations for Teaching and Learning in Nursing Education
NUR	5002	Curriculum Development and Evaluation in Nursing Education
NUR	5003	Clinical Nursing Education and/or NUR 5004 Innovations in Nursing Education

### **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 credit hours (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 credit.

#### **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 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	2030	College Physics I <b>or</b> PHYS 2050 General Physics I
PHYS	2031	College Physics I Laboratory <b>or</b> PHYS 2051 General Physics I Laboratory
PHYS	2032	College Physics II <b>or</b> PHYS 2052 General Physics II
PHYS	2033	College Physics II Laboratory <b>or</b> PHYS 2053 General Physics II Laboratory
PMED	3900	Pre-Health Professions Seminar
PMED	3990	Pre-Health Professions Internship <b>or</b> PMED 3991 Pre-Health Professions Paid Internship

### *Elective Courses*

*Choose from among these courses to reach a total of 56 credits for the certificate:*

ANTH	3200	Medical Anthropology
BIOL	2170	Ethnobotany: People and Plants
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	3170/71	Cell and Molecular Biology Series
CHEM	3020	Physical Chemistry
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 Professions Practicum
SOC	3100	Methods of Inquiry

*(Advanced MATH courses may be substituted)*

### **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 which the student has received a C, D, or F must repeat.



# 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 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.

### 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 GPA 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, resumes, and GMAT, PRAXIS, GRE, TOEFL, and/or IELTS scores. Refer to the Application Procedures for any program specific requirements.

#### Application Procedures

Applicants should submit the following materials to:

Hawai'i Pacific University  
Admission Office  
1 Aloha Tower Drive  
Honolulu, HI 96813

Students applying for admission to the graduate program should:

1. Complete the Graduate Application online via online application at [www.hpu.edu/apply](http://www.hpu.edu/apply). Please be sure to complete all sections of the application.
2. Application fee of \$50.00 paid via credit card at time of application submission.
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 appropriate supplements depending on specific program requirements.
5. Be sure to contact HPU Admissions for additional questions.

#### Graduate Special Status Applicants:

Students who wish to take graduate credit courses at Hawai'i Pacific University, who are not seeking a Master's degree or participation in the cooperative education or federal financial aid programs, may apply directly with the Admissions Office. Non-native speakers of English may be asked to demonstrate their English proficiency. Credit taken in this category is limited to 12 credit hours. After completing 12 credits, a special status student should apply for admission as a degree-seeking student.



## Admissions Deferral Procedures

Students who have been offered admission to a degree-seeking program at Hawai‘i Pacific University and have NOT attended any classes may request a deferral of enrollment for up to one year from admission term. Deferment pertains only to admission to the university, not admission to a particular major or program.

## 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, are required to demonstrate English language skills. Please see:

[https://www.hpu.edu/grad/admissions\\_info/Intl\\_apps.html#english](https://www.hpu.edu/grad/admissions_info/Intl_apps.html#english).

International students must also:

1. Have official copies of transcripts sent directly from your postsecondary school or testing authority, including an English translation.
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.

## Graduate Visiting Students

Please visit [www.hpu.edu/visiting](http://www.hpu.edu/visiting) to learn more about the admission process and additional ways to meet English proficiency.

## GRADUATE ACADEMIC ADVISING

Advising for graduate students is generally conducted by the Program Chair, who acts as a Graduate Faculty Advisor and mentor. Graduate Faculty Advisors help students set and achieve their academic and personal goals. Through the advisor’s mentorship, students are able to define and implement sound educational plans that are consistent with their personal values, goals, and career aspirations.

The Graduate Faculty Advisor is available to assist students with the following:

- Making a smooth transition from baccalaureate study, other institutions, and/or professional experiences
- Course registration advice
- Identifying and accessing available student support services
- Creating an academic plan and tracking progress toward graduation
- Understanding degree requirements and university policies
- Counseling students who are struggling academically and making appropriate referrals as needed

For questions about graduate faculty advisor locations and availability, please contact the Academic Advising Office located on the downtown campus [phone: (808) 544-1198; email: [advising@hpu.edu](mailto:advising@hpu.edu); office: 1164 Bishop Street, Suite 123 (UB Building)].

## ACADEMIC POLICY AND PROCEDURES

### Course Loads

During Fall and Spring terms, a graduate student is required to take 9 credits to be considered full-time. Students may not exceed 12 credit hours of graduate-level work without special written permission from the dean of their respective academic division. Students taking only prerequisite courses must take a minimum of 12 credit hours to maintain their full-time status. The maximum number of courses permitted for students taking only prerequisite courses is 18 credit hours.

### Internships

Internships and practicums are available for qualified graduate students in a number of leading firms and organizations in the private and not-for-profit sectors.

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 credit hours toward a concentration. See co-op and internship sections.

Students interested in this program should contact the Career Services Center and their graduate faculty 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**

Please refer to the Academic Policies and Procedures in the undergraduate section of this catalog.

## **ACADEMIC CREDITS AND GRADES**

### **Credits**

The University typically awards three credit hours for course completion. Exceptions include practicum and internship courses for one or two credit hours 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 credit hours of transfer credit for pertinent graduate work completed at other accredited colleges or universities. MSIS students may transfer up to 12 credit hours. MADMS military students may transfer up to 18 credit hours. MATESOL students may transfer up to 6 credit hours. Students seeking a joint degree may transfer up to 24 credit 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 (5) years before initial enrollment in the HPU graduate program and no more than seven (7) 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, including English translations of international transcripts; and
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 credit. 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 term or an 8-week or shorter session.

## Grades

To earn the graduate degree, students must complete all courses with at least a cumulative 3.0 GPA. All courses taken, including prerequisites, will count toward the student's graduate-level GPA for determining academic progress, probation, and graduation. Courses repeated under the University repeat policy are not included in the cumulative GPA calculation. Students enrolled in concurrent (joint) graduate degree 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 once. For repeated courses, the last grade 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.

Grade		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
F	Failing	0.0
W	Withdraw	<i>Does not affect GPA but will permanently appear on transcript</i>
P	Passing	<i>Does not affect GPA</i>
CR	Credit	<i>Does not affect GPA</i>
NC	No Credit	<i>Does not affect GPA</i>

## Honors at Graduation

Students with a minimum Honors Point Average (HPA) of 3.8 are considered for the award of "With Distinction" at graduation. Specific requirements include:

- Completion of at least 15 credit hours of work at HPU for all graduate programs except for: 27 credits toward the MATESOL or 33 credits for a joint degree program
- A minimum honors point average (HPA) of at least 3.8 for all graduate coursework completed at any college or university

## Academic Probation, Suspension, and Dismissal

Students with graduate student status must maintain a 3.0 GPA to remain in good academic standing. After attempting nine credit hours, students will be placed on academic probation if they fail to achieve a 3.0 GPA.

Students on academic probation must schedule periodic meetings with a faculty advisor who will work with them and monitor their progress. Probationary students are restricted to taking 9 credit hours (three graduate courses), or 12 credit hours (combination of graduate and undergraduate courses) during a spring or fall term. Students on probation for the second consecutive term—or after completion of 9 or 12 credit 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.

Appealing a suspension is a formalized process initiated by the student. Appeals for suspension are submitted to the Senior Vice President and Provost. The suspension appeal process is a one-time process, 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 Senior Vice President and Provost or his/her designee. Students who have successfully appealed their suspension will be placed on continued probation status for one term only. Should any student fail to raise their GPA after their suspension has been lifted, they will be subject to dismissal, which is final.

## **CAPSTONE REQUIREMENT**

To graduate, students must meet both university 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 concurrent 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 concurrent graduate degree program before beginning the capstone series.

Students desiring to take a subsequent degree after completing an HPU graduate program may transfer 12 credit hours of core courses into the new program. Specific program course requirements appear on the subsequent pages of this section.

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 term 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 7603 for up to 3 terms.

Students receive the grades A, B, C, or F for IS 7100 or OC 7000 course. The grades awarded for IS 7200, NUR 7000, COM 7250, or OC 7000 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 7000, NUR 7000, or COM 7250 in the next term; 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 credit hours of credit with the appropriate grade upon completion of the paper. The student who has taken an unapproved hiatus between IS 7100 and IS 7200 or OC 7000 must start the sequence again, beginning with IS 7100/OC 7000. Students are responsible for the tuition for continuous enrollment in the professional paper courses and for any retakes of those courses.

The MBA and concurrent degree programs require the completion of two capstone courses in the last year of program 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 terms; 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 one year but are still within the seven years 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 term, 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 credit 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/GLSD, and MA/OC within one year of first enrollment in IS 7100, COM 7150, MGMT 7001, GLSD 7100, or OC 7000. 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 Clinical and Mental Health Counseling		PSY 7100 Clinical Practice and Supervision I-Community Internship (3 cr.)
		PSY 7101 Clinical Practices and Supervision II-Community Internship (3 cr.)
Master of Arts in Communication	Thesis	COM 7150 Capstone I (3 cr.)
		COM 7250 Capstone II (3 cr.)
Master of Arts in Diplomacy and Military Studies		HIST 7601 Research & Writing in Military Studies (3 cr.)
		HIST 7602 Thesis Research/Writing in Diplomacy and Military Studies (3 cr.)
		HIST 7603 Continuing Thesis Research/Writing in Diplomacy and Military Studies (1-9 cr.)
Master of Arts in Global		GLSD 7100 Professional Paper I Capstone (3 cr.)

Leadership & Sustainable Development		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 7000 Applied Research (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	M.Ed. Requirements	ED 6510 Elementary Clinical Practice Seminar (3 cr.)
		ED 6511 Elementary Clinical Practice I (3 cr.)
		ED 6512 Elementary Clinical Practice II (6 cr.)
Master of Education in Secondary Education	M.Ed. Requirements	ED 6520 Secondary Clinical Practice Seminar (3 cr.)
		ED 6521 Secondary Clinical Practice I (3 cr.)
		ED 6522 Secondary Clinical Practice II (6 cr.)

### Summary of Graduate Capstone Courses (cont.)

Degree Program	Option	Capstone Course(s)
Master of Science in Information Systems	Option A	IS 7300 Systems Integration (3 cr.), plus one IS elective (3 cr.)
	Option B	IS 7100 Graduate Thesis/Applied Project Proposal (3 cr.)
		IS 7200 Graduate Thesis/Applied Project (3 cr.)
Master of Science in Marine Science		NSCI 7000 Thesis (1-3 cr.)
Master of Science in Nursing		NUR 7000 Professional Paper (3 cr.)
Master of Social Work		SWRK 7350 Professional Paper (3 cr.)



# GRADUATE PROGRAMS OF STUDY

**Graduate Programs  
Graduate Certificates**





## Graduate Programs

Hawai'i Pacific University offers the following graduate degree programs. Some of these programs include concentration options. For more detailed information, please refer to the program requirements elsewhere in this catalog.

### ***College of Business***

- Master of Arts in Human Resource Management
- Master of Arts in Organizational Change
- Master of Business Administration
- Master of Science in Information Systems

### ***College of Extended and Interdisciplinary Education***

- Master of Education in Educational Leadership
- Master of Education in Elementary Education
- Master of Education in Secondary Education
- Master of Public Administration

### ***College of Health and Society***

- Doctorate of Nursing Practice
- Master of Science in Nursing
- Master of Social Work

### ***College of Liberal Arts***

- Master of Arts in Clinical Mental Health Counseling
- Master of Arts in Communication
- Master of Arts in Diplomacy and Military Studies
- Master of Arts in Global Leadership and Sustainability Development
- Master of Arts in Teaching English to Speakers of Other Languages (TESOL)

### ***College of Natural and Computational Sciences***

- Master of Science in Marine Science

# COLLEGE OF BUSINESS



## 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:

CSCI	3201	Information Management Using Spreadsheets and Databases
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 CREDITS)

HR	6320	Global Human Resource Management
HR	6400	Human Resource Management
HR	6420	Compensation Management
HR	6460	Human Resource Development
HR	6470	Collective Bargaining and Labor Relations
IS	6005	Information System Management
IS	6020	Modern Methods in Project Management
IS	6040	Business Analytics
MGMT	6020	The Regulatory and Ethical Environment of Business
OC	6440	Organizational Change and Development
OC	6445	Organizational Behavior

### CAPSTONE COURSE (3 CREDITS)

HR	7021	Certification Seminar in Human Resources
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## MASTER OF ARTS IN ORGANIZATION DEVELOPMENT AND CHANGE

Today's leaders find they must continually realign their organizations to evolving strategic visions, missions, and goals critical to short-term performance. Simultaneously, they are faced with the complex task of adapting their organizations to rapidly changing competition for markets and resources, diverse workforce needs, government regulations, new technology, and a deteriorating environment. Organization development and change involves a multi-disciplinary perspective and utilizes concepts and methods from such fields as management, sociology, and anthropology, organization development, technology, psychology, and comparative economics. Hawai'i Pacific University's Master of Arts in Organization Development and Change (MA/ODC) emphasizes the management, design, implementation, and application of such change methods as continuous improvement and performance management. Students learn how to design innovations for organizational development and change, as well as the necessary competencies to implement development and change.

### PROGRAM OBJECTIVES

*Students who complete the Master of Arts in Organization Development and Change will:*

- 1. Incorporate the foundations, history, and evolution of organization development and change, social, political, and economic forces that led to the emergence of ODC in their interactions with organizations.*
- 2. Integrate a systems perspective in their diagnosis, assessment, intervention planning, and implementation of interventions of organizational development and change process.*
- 3. Employ classical and emerging theories and models of development and change in the design of interventions, process improvements, and related activities using facilitation and process consultation for individuals, groups, and organizations.*
- 4. Lead change and development activities through entering a system, developing effective relationships, contracting for goals, outcomes, and resources; discovering, diagnosing, assessing, designing, and selecting interventions at the appropriate level of a system based on knowledge of self, individual employee, and organizational values.*
- 5. Assess organizational/system shared assumptions, attitudes, beliefs, values, and norms at the group, organizational, national, and global levels in order to determine the appropriateness of the culture for change.*
- 6. Conduct a systems-based diagnosis of organizations, assess and evaluate collected data, and feedback results to stakeholders following an action research model.*

The Master of Arts in Organization Development and Change is designed for students who want to gain expertise in designing and leading development and change – a continual requirement for long-term survival in today's competitive world. Organization development and change involves a multi-disciplinary perspective and uses concepts and methods from such fields as management, sociology, anthropology, organizational development, technology, psychology, and comparative economics.

The program requires a minimum of 33 credit hours of graduate work. The 33 credit hours are divided into 27 credit hours of core courses, 3 credit hours of a prescribed elective course, and 3 credit hours of capstone course.

### 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:

### CORE COURSES (27 CREDITS)

HR	6320	Global Human Resource Management
IS	6020	Modern Methods in Project Management
IS	6040	Business Analytics
MGMT	6000	Foundations of Teamwork and Leadership
OC	6005	Scope and Methods in Research

OC	6440	Organizational Change and Development
OC	6443	Change Leadership Models and Methods
OC	6444	Innovations and Creativity
OC	6447	Consulting and Group Process Facilitation

**PRESCRIBED ELECTIVE COURSES (3 CREDITS)**

HR	6400	Human Resource Management
MGMT	6300	International Business Management
MKTG	6000	Marketing Strategy for Managers
OC	6990	Nonpaid Internship
OC	6991	Paid Internship

**CAPSTONE COURSE (3 CREDITS)**

OC	7000	Applied Research
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## MASTER OF BUSINESS ADMINISTRATION WITH CONCENTRATION

### PROGRAM OBJECTIVES

*Students who complete the Master of Business Administration will:*

- 1. Develop a strategic level understanding of key business functions.*
- 2. Analyze and evaluate business performance by assessing strategic position and business functions.*
- 3. Create innovative business solutions by demonstrating critical thinking skills, assessing industry trends, and adapting to the global environment.*
- 4. Communicate effectively by designing and delivering written works and oral presentations to include business reports, academic papers, and research products.*
- 5. Assess the legal, professional, and ethical implications of business decisions including intercultural practices and social responsibility.*
- 6. Apply effective leadership principles and practices in a global context through engagements in competent teamwork.*

### PREREQUISITES

Students without prior academic course work in the field or without significant professional experience must satisfactorily complete the prerequisites. Financial Accounting or Principles of Accounting I (HPU), Principles of Finance or Business Finance (HPU), Statistics (HPU), and Survey of Economics or Principles of Microeconomics (HPU), are the prerequisites required for admission to all MBA programs. Prerequisites may be waived for individuals who have completed these courses within the last seven years and have earned a grade of C or higher, or for individuals with significant professional experience in the field. Verification for students with prior academic coursework or professional experience will be evaluated.

Prerequisite courses taken from other providers and established universities may be considered, prior to the student enrolling in our MBA core courses. For all prerequisites, students must submit a certificate of successful completion (or official transcript if taken at an accredited university) with a grade of C or better.

### CORE COURSES (27 CREDITS)

ACCT	6000	Accounting for Managers
ECON	6000	Economics for Business
FIN	6000	Financial Management and Strategy
IS	6005	Information System Management
MGMT	6000	Foundations of Teamwork and Leadership
MGMT	6020	The Regulatory and Ethical Environment of Business
MGMT	6330	National Culture and Comparative Management
MKTG	6000	Marketing Strategy for Managers
MS	6000	Decision Models for Managers

### CAPSTONE COURSES (6 CREDITS)

MGMT	7001	Strategic Management I
MGMT	7002	Strategic Management II

### CONCENTRATIONS

To earn an MBA concentration, the student must successfully complete nine (9) credit hours from one of the following concentration lists. Some courses require specific prerequisites, which are listed in the actual course descriptions.

MBA students must earn a 3.0 or higher GPA in their concentration courses in order to earn the concentration. If the concentration GPA is lower than a 3.0, the student will earn the MBA degree without the concentration.

A dual MBA concentration may be earned by adding an additional nine (9) credit hours from a particular area. Courses may not be concurrently applied toward more than one concentration.

MBA students may count up to three (3) credit hours of concentration-related practicum/internship hours toward a specific concentration.

MBA students who do not desire a concentration must complete nine (9) credit hours from any of the following concentration lists. Some courses require specific prerequisites, which are listed in the actual course descriptions.

### **Finance**

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
FIN	6990	Nonpaid Internship
FIN	6991	Paid Internship
FIN	6997	Directed Readings in Finance

### **Human Resource Management**

GLSD	6000	Sustainable Human Systems
GLSD	6330	Industrial Ecology and Sustainability
HR	6320	Global Human Resource Management
HR	6400	Human Resource Management
HR	6420	Compensation Management
HR	6450	Occupational Safety and Health Management
HR	6460	Human Resource Development
HR	6990	Nonpaid Internship
HR	6991	Paid Internship
OC	6445	Organizational Behavior

### **Information Systems**

IS	6020	Modern Methods in Project Management
IS	6070	Systems Architecture
IS	6230	Knowledge Management
IS	6250	Global Information Systems
IS	6260	Network Analysis
IS	6280	Data Mining for Business Intelligence
IS	6990	Nonpaid Internship
IS	6991	Paid Internship
IS	6997	Selected Topics in Information Systems

### **International Business**

ECON	6400	International Trade and Finance
ECON	6410	International Financial Markets
FIN	6100	International Finance
HR	6320	Global Human Resource Management
IS	6250	Global Information Systems
MGMT	6300	International Business Management
MGMT	6350	Global Markets in Transition
MGMT	6360	Global Competition and Strategy
MKTG	6420	International Marketing

### **Management**

MGMT	6010	Production and Operations Management
MGMT	6210	Entrepreneurship
MGMT	6300	International Business Management
MGMT	6310	Contemporary Japan-United States Relations
MGMT	6990	Nonpaid Internship

MGMT 6991 Paid Internship  
MGMT 6997 Directed Readings in Management

**Marketing**

MKTG 6100 Global Consumer  
MKTG 6110 Market Research  
MKTG 6200 Strategic Brand Management  
MKTG 6310 Sales Force Management  
MKTG 6410 Marketing Promotion Management  
MKTG 6420 International Marketing  
MKTG 6700 Electronic Marketing  
MKTG 6990 Nonpaid Internship  
MKTG 6991 Paid Internship  
MKTG 6997 Directed Readings in Marketing

**Organizational Change and Development**

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  
OC 6446 Consulting Theory and Practice  
OC 6447 Consulting and Group Process Facilitation  
OC 6448 Assessing Culture  
OC 6449 Applications of Cultural Competence



## 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 an 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.

MIS	3050	Application Development
MIS	3060	Systems Analysis and Design
MIS	3070	IT Infrastructure

### CORE COURSES (27 CREDITS)

IS	6005	Information Systems Management
IS	6020	Modern Methods in Project Management
IS	6040	Business Analytics
IS	6050	Software Design and Construction
IS	6065	Database Management
IS	6070	Systems Architecture
IS	6110	Comparative Software Engineering
IS	6120	Software Engineering Practicum
IS	6340	Information Systems Security

### CAPSTONE COURSE (3 CREDITS)

IS	7300	MSIS Integrated Capstone
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### ELECTIVE COURSES IN INFORMATION SYSTEMS (6 CREDITS)

IS	6130	Telecommunications
IS	6230	Knowledge Management
IS	6250	Global Information Systems
IS	6260	Network Analysis
IS	6280	Data Mining for Business Intelligence
IS	6330	Advanced Issues in Connectivity
IS	6360	Big Data
IS	6380	Systems Forensics
IS	6990	Nonpaid Internship
IS	6991	Paid Internship
IS	6997	Selected Topics in Information Systems
IS	7100	Graduate Thesis/Applied Project Proposal



# COLLEGE OF EXTENDED AND INTERDISCIPLINARY EDUCATION



## MASTER OF EDUCATION IN ELEMENTARY EDUCATION

### PROGRAM OBJECTIVES

*Students who complete the Master of Education in Elementary Education will:*

- 1. Understand how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and designs and implements developmentally appropriate and challenging learning experiences.*
- 2. Use an understanding of individual differences and diverse cultures and communities to ensure inclusive learning environments that enable each learner to meet high standards.*
- 3. Work with others to create environments that support individual and collaborative learning, and that encourage positive social interaction, active engagement in learning, and self-motivation.*
- 4. Understand the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make the discipline accessible and meaningful for learners to assure mastery of the content.*
- 5. Understand how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues.*
- 6. Understand and use multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and learner's decision making.*
- 7. Plan instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.*
- 8. Understand and use a variety of instructional strategies to encourage learners to develop deep understanding of content areas and their connections, and to build skills to apply knowledge in meaningful ways.*
- 9. Engage in ongoing professional learning and use evidence to continually evaluate their practice, particularly the effects of their choices and actions on others (learners, families, other professionals, and the community), and adapt practice to meet the needs of each learner.*
- 10. Seek appropriate leadership roles and opportunities to take responsibility for student learning and collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth, and to advance the profession.*

The HPU School of Education provides a master's degree program in elementary education that prepares candidates for licensing in Hawai'i and 49 other states 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, and field-based curriculum that integrates content and pedagogy and employs an electronic direct response folio assessment system to evaluate the teacher candidate's progress toward achieving professional standards. 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.

Prior to admission to clinical practice, teacher candidates seeking the licensure in Elementary Education must have successfully passed the PRAXIS II Elementary Content Knowledge Test.

### CORE COURSES IN EDUCATION

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	6310	Culturally Responsive Education in Hawai'i (3 credits)
ED	6401	Elementary Education, Instruction, and Assessment I (3 credits)

ED	6402	Elementary Education, Instruction, and Assessment II (3 credits)
ED	6430	The English Language Learner (3 credits)
ED	6700	The Exceptional Learner (3 credits)

### **CAPSTONE COURSES IN EDUCATION**

Next, teacher candidates must then take the following capstone courses before being recommended for licensure:

ED	6510	Elementary Education Clinical Practice Seminar (3 credits)
ED	6511	Elementary Education Clinical Practice I (3 credits)
ED	6512	Elementary Education Clinical Practice II (6 credits)

## MASTER OF EDUCATION IN SECONDARY EDUCATION

### PROGRAM OBJECTIVES

*Students who complete the Master of Education in Secondary Education Program will:*

- 1. Understand how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and designs and implements developmentally appropriate and challenging learning experiences.*
- 2. Use understanding of individual differences and diverse cultures and communities to ensure inclusive learning environments that enable each learner to meet high standards.*
- 3. Work with others to create environments that support individual and collaborative learning, and that encourage positive social interaction, active engagement in learning, and self-motivation.*
- 4. Understand the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make the discipline accessible and meaningful for learners to assure mastery of the content.*
- 5. Understand how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues.*
- 6. Understand and use multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and learner's decision making.*
- 7. Plan instruction that support every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.*
- 8. Understand and use a variety of instructional strategies to encourage learners to develop deep understanding of content areas and their connections, and to build skills to apply knowledge in meaningful ways.*
- 9. Engages in ongoing professional learning and use evidence to continually evaluate their practice, particularly the effects of their choices and action on others (learners, families, other professionals, and the community), and adapts practice to meet the needs of each learner.*
- 10. Seeks appropriate leadership roles and opportunities to take responsibility for student learning, to collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth, and to advance the profession.*

The HPU School of Education provides a master's degree program in secondary education that prepares candidates for licensing in Hawai'i and 49 other states in grades 6-12 in the disciplines of English, Mathematics, Science, Social Studies, and World Languages.

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 direct response folio 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.

### ENGLISH CONCENTRATION

Prior to admission to the English concentration, teacher candidates seeking licensure in Secondary Education must have attained:

- A passing score on a licensure test adopted by the Hawai'i Teacher Standards Board in the content field; **or**
- National Board for Professional Teaching Standards certification in the content field; **or**

- A content major consisting of a minimum of thirty credit hours in the content field for a bachelor's degree awarded by an accredited institution of higher education; **or**
- A minimum of thirty credit hours in the content field from an accredited institution of higher education, at least fifteen of which must be upper-division level; **or**
- A master's, specialist, or doctoral degree in the license field awarded by an accredited institution of higher education.

### **CORE COURSES IN EDUCATION**

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 Hawai'i (3 credits)
ED	6420	English Curriculum and Instruction (3 credits)
ED	6430	The English Language Learner (3 credits)
ED	6700	The Exceptional Learner (3 credits)

Prior to admission to the clinical practice courses, teacher candidates seeking licensure in Secondary English must have successfully passed the PRAXIS II Secondary English Content Knowledge Test.

### **CAPSTONE COURSES IN EDUCATION**

Next, teacher candidates must take the following capstone courses before being recommended for licensure:

ED	6520	Secondary Education Clinical Practice Seminar (3 credits)
ED	6521	Secondary Education Clinical Practice I (3 credits)
ED	6522	Secondary Education Clinical Practice II (6 credits)

### **MATHEMATICS CONCENTRATION**

Prior to admission to the Mathematics concentration, teacher candidates seeking licensure in Secondary Education must have attained:

- A passing score on a licensure test adopted by the Hawai'i Teacher Standards Board in the content field; **or**
- National Board for Professional Teaching Standards certification in the content field; **or**
- A content major consisting of a minimum of thirty credit hours in the content field for a bachelor's degree awarded by an accredited institution of higher education; **or**
- A minimum of thirty credit hours in the content field from an accredited institution of higher education, at least fifteen of which must be upper-division level; **or**
- A master's, specialist or doctoral degree in the license field awarded by an accredited institution of higher education.

### **CORE COURSES IN EDUCATION**

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 Hawai'i (3 credits)
ED	6430	The English Language Learner (3 credits)
ED	6440	Mathematics Curriculum and Instruction (3 credits)
ED	6700	The Exceptional Learner (3 credits)

Prior to admission to the clinical practice courses, teacher candidates seeking licensure in Secondary Mathematics must have successfully passed the PRAXIS II Secondary Mathematics Content Knowledge Test.

### **CAPSTONE COURSES IN EDUCATION**

Next, teacher candidates must take the following capstone courses before being recommended for licensure:

ED	6520	Secondary Education Clinical Practice Seminar (3 credits)
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ED	6521	Secondary Education Clinical Practice I (3 credits)
ED	6522	Secondary Education Clinical Practice II (6 credits)

### SCIENCE CONCENTRATION

Prior to admission to the Science concentration, teacher candidates seeking licensure in Secondary Education must have attained:

- A passing score on a licensure test adopted by the Hawai'i Teacher Standards Board in the content field; **or**
- National Board for Professional Teaching Standards certification in the content field; **or**
- A content major consisting of a minimum of thirty credit hours in the content field for a bachelor's degree awarded by an accredited institution of higher education; **or**
- A minimum of thirty credit hours in the content field from an accredited institution of higher education, at least fifteen of which must be upper-division level; **or**
- A master's, specialist or doctoral degree in the license field awarded by an accredited institution of higher education.

### CORE COURSES IN EDUCATION

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 Hawai'i (3 credits)
ED	6430	The English Language Learner (3 credits)
ED	6450	Science Curriculum and Instruction (3 credits)
ED	6700	The Exceptional Learner (3 credits)

Prior to admission to the clinical practice courses, teacher candidates seeking licensure in Secondary Science must have successfully passed the PRAXIS II Secondary Science Content Knowledge Test.

### CAPSTONE COURSES IN EDUCATION

Next, teacher candidates must take the following capstone courses before being recommended for licensure:

ED	6520	Secondary Education Clinical Practice Seminar (3 credits)
ED	6521	Secondary Education Clinical Practice I (3 credits)
ED	6522	Secondary Education Clinical Practice II (6 credits)

### SOCIAL STUDIES CONCENTRATION

Prior to admission to the Social Studies concentration, teacher candidates seeking licensure in Secondary Education must have attained:

- A passing score on a licensure test adopted by the Hawai'i Teacher Standards Board in the content field; **or**
- National Board for Professional Teaching Standards certification in the content field; **or**
- An academic major consisting of a minimum of thirty credit hours in the content field for a bachelor's degree awarded by an accredited institution of higher education; **or**
- A minimum of thirty credit hours in the content field from an accredited institution of higher education, at least fifteen of which must be upper-division level; **or**
- A master's, specialist or doctoral degree in the license field awarded by an accredited institution of higher education.

### CORE COURSES IN EDUCATION

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 Hawai'i (3 credits)
ED	6430	The English Language Learner (3 credits)
ED	6460	Social Studies Curriculum and Instruction (3 credits)



ED 6700 The Exceptional Learner (3 credits)

Prior to admission to the clinical practice courses, teacher candidates seeking licensure in Secondary Social Studies must have successfully passed the PRAXIS II Secondary Social Studies Content Knowledge Test.

### **CAPSTONE COURSES**

Next, teacher candidates must take the following capstone courses before being recommended for licensure:

ED 6520 Secondary Education Clinical Practice Seminar (3 credits)  
ED 6521 Secondary Education Clinical Practice I (3 credits)  
ED 6522 Secondary Education Clinical Practice II (6 credits)

### **WORLD LANGUAGES CONCENTRATION**

Prior to admission to the World Languages concentration, teacher candidates seeking licensure in Secondary Education must have attained:

- A passing score on a licensure test adopted by the Hawai'i Teacher Standards Board in the content field; *or*
- National Board for Professional Teaching Standards certification in the content field; *or*
- An academic major consisting of a minimum of thirty credit hours in the content field for a bachelor's degree awarded by an accredited institution of higher education; *or*
- A minimum of thirty credit hours in the content field from an accredited institution of higher education, at least fifteen of which must be upper-division level; *or*
- A master's, specialist or doctoral degree in the license field awarded by an accredited institution of higher education.

### **CORE COURSES IN EDUCATION**

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 Hawai'i (3 credits)  
ED 6430 The English Language Learner (3 credits)  
ED 6470 World Languages Curriculum and Instruction (3 credits)  
ED 6700 The Exceptional Learner (3 credits)

Prior to admission to the clinical practice courses, teacher candidates seeking licensure in Secondary World Languages must have successfully passed the PRAXIS II Secondary World Languages Content Knowledge Test.

### **CAPSTONE COURSES IN EDUCATION**

Next, teacher candidates must take the following capstone courses before being recommended for licensure:

ED 6520 Secondary Education Clinical Practice Seminar (3 credits)  
ED 6521 Secondary Education Clinical Practice I (3 credits)  
ED 6522 Secondary Education Clinical Practice II (6 credits)

# COLLEGE OF HEALTH AND SOCIETY



## DOCTORATE OF NURSING PRACTICE

The DNP provides the pathway for MSN prepared nurses to continue formal education and access a program targeted to the needs of their practice area. Building on the master's program curriculum, the DNP is designed as a professional (practice) doctorate integrating evidence-based practice, quality improvement, and systems leadership to prepare experts in specialized advanced nursing practice. The DNP is targeted to nurses seeking a terminal degree in nursing practice. The program will include course and clinical work (fieldwork) comprising a capstone project of three practicum courses that addresses a high priority area of practice.

### PROGRAM OUTCOMES

*The Doctorate of Nursing Practice graduate will:*

- 1. Advanced Clinical Practice**  
*Practice both independently and interdependently based on scientific underpinnings that focus on systematic transformation of the delivery of health care.*
- 2. Evidence-Based Practice**  
*Critically analyze, translate and synthesize data to develop new practice guidelines and systems of care which are based on theory, research, and practice.*
- 3. Transformational Leadership**  
*Effectively lead by integrating leadership and management principles to initiate change at the organization/system level which includes strategies that create, sustain, and maintain balance in access, quality, and cost.*
- 4. Professionalism/Ethics**  
*Appraise aspects of global health care issues in order to lead, organize and formulate approaches to care that address emerging practice problems related to ethical dilemmas as evolving therapeutic technology and standards of practice.*
- 5. Quality Improvement and Safety**  
*Promote a culture of quality and safety through commitment to utilize evidence for the advancement of research findings in processes and practices that create patient centered change.*
- 6. Health Care Informatics**  
*Demonstrate the ability for decision making in the use of information systems/technology resources related to ethical, regulatory, and legal issues to support practice.*
- 7. Health Policy and Advocacy**  
*Assess the interdependence of the foundations of health care policy (considering the political process, finance and regulations) to engage and lead others toward designing, implementing, advocating and evaluating social justice and equity in access of quality health care.*
- 8. Inter-professional Collaboration**  
*Establish, participate, and facilitate the overall effectiveness of collaborative, interprofessional teams to engage in quality health care practice which identifies nursing's contribution.*
- 9. Transcultural Care**  
*Integrate the impact of bio-psycho-socio, cultural health beliefs and practices on health promotion and disease prevention to develop and implement positive health practices of diverse populations in a global environment.*

### PREREQUISITE

NP student practicum hours: at least 500 practicum hours are needed to meet the minimal program requirement of 1000 hours.

### CORE COURSES (30 CREDITS)

NUR	8000	Evidence Based Practice for Advanced Nursing (3cr)
NUR	8010	Biometry (3cr)
NUR	8020	Informatics and Technology for Advanced Practice (3cr)
NUR	8030	Optimizing Quality in Health Care Systems (3cr)

NUR	8040	Business and Finance Essentials for the DNP(3cr)
NUR	8050	Development and Implementation of Health Care Policy (3cr)
NUR	8060	Essential Competencies for Nurse Educators (3cr)
NUR	9010*	Doctoral Project I: Development (1-7 variable credits)
NUR	9020*	Doctoral Project II: Implementation (1-7 variable credits)
NUR	9030*	Doctoral Project III: Data Analysis and Dissemination (1-7 variable credits)

\*Total earned for 9010, 9020, and 9030 must equal 9 credits.

## MASTER OF PUBLIC HEALTH

The Master of Public Health (MPH) program provides graduates with knowledge and skills necessary to become general practitioners in the public health workforce. The curriculum focuses on public health areas such as foundations of public health, biostatistics and epidemiology, program planning and evaluation, public health administration, research methods, behavioral and social determinants of health, multicultural health, advocacy, as well as environmental and occupational health. Students will have extensive applied experience with over 250 hours of culminating field training from partnering health organizations within the student's local community.

### PROGRAM OUTCOMES

Master of Public Health graduates will be able to:

1. *Design evidence-based health promotion and disease prevention programs, grounded on comprehensive public health knowledge, skills, and abilities, for professional practice, research, planning, and evaluation.*
2. *Collaborate with individuals, teams, and organizations toward accomplishing public health goals using effective written, oral, and online communication skills.*
3. *Reflect on own cultural biases in the development of cultural humility, sensitivity, and competencies in addressing public health issues to improve population and global health.*
4. *Explicate the social, occupational, environmental, behavioral, psychological, and physiological determinants of individual and population health.*
5. *Integrate theories, empirical evidence, and best practices in the development and devaluation of programs or interventions to effectively change the determinants of health.*
6. *Utilize public health research methods to understand health determinants, co-factors, and resiliencies and to evaluate public health efforts towards improving population health.*
7. *Propose public health programs focused on improving community health using principles and theories of social justice.*
8. *Produce a community-based capstone project that demonstrates integration and application of program learning outcomes 1-7.*

### PROGRAM REQUIREMENTS

MGMT	6000	Foundations of Teamwork and Leadership
PH	6100	Foundations of Public Health and Advanced Practice Roles
PH	6120	Biostatistics
PH	6140	Advanced Epidemiology
PH	6160	Social Determinants of Health
PH	6200	Chronic and Communicable Diseases
PH	6220	Health Behavior Change Theory and Program Planning
PH	6240	Multicultural Health
PH	6260	Environmental and Occupational Health
PH	6300	Public Health Research Methods
PH	6400	Health Policy, Law, and Advocacy
PH	6420	Social Justice and Public Health Advocacy
PH	6500*	Field Training I: Community Health Assessment, Program Planning, Implementation and Evaluation
PH	6550*	Field Training II: Community Health Assessment, Program Planning, Implementation and Evaluation
PH	7000*	Public Health Capstone

\*A minimum of 3 credits must be completed for PH 6500, PH 6550, and PH 7000 to successfully complete the MPH program.

## MASTER OF SCIENCE IN NURSING

### Family Nurse Practitioner (FNP)

The MSN FNP program is fully accredited and the graduate is eligible to sit for the national FNP credentialing exam with either the American Academy of Nurse Practitioners (AANP) or the American Nurses Credentialing Center (ANCC).

### PROGRAM OUTCOMES

*The Master of Science in Nursing, Family Nurse Practitioner graduate will:*

1. *Advanced Clinical Practice*  
*Demonstrate and apply the knowledge, skill, and judgment to independently provide direct patient care that incorporates assessment, diagnosis, and treatment across the life span (geriatrics, adult, women's and pediatrics) within a variety of settings.*
2. *Evidence-Based Practice*  
*Synthesize the evidence-based practice guidelines, critical thinking, and reflection to provide appropriate care as the foundation to practice.*
3. *Transformational Leadership*  
*Demonstrate transformational leadership in the nursing profession.*
4. *Professionalism/Ethics*  
*Practice as an independent provider ethically bound to operate within the guidelines, standards, and scope of practice.*
5. *Quality Improvement and Safety*  
*Integrate current evidence to improve the quality of clinical practice and promote safe care.*
6. *Health Care Informatics*  
*Incorporate knowledge of clinical decision support tools to assist in charting, decision making, research, and scholarship.*
7. *Health Policy and Advocacy*  
*Appraise the interdependence of health policy to act as an advocate of policy that promotes access to care, equity and cost efficacy.*
8. *Inter-professional Collaboration*  
*Collaborative practice with other professionals in the health care system.*
9. *Transcultural Care*  
*Maximize the client's health and wellbeing within the parameters of the client's own cultural traditions and beliefs.*

### PREREQUISITES

MATH	1123	Statistics
NUR	4700	Research Proposal Development

### MSN CORE COURSES (20 CREDITS)

NUR	6000	Advanced Practice Roles in a Diverse Society (3 credits)
NUR	6005	Epidemiology (2 credits)
NUR	6010	Advanced Pathophysiology (3 credits)
NUR	6015	Community/Public Health Policy and Program Planning (3 credits)
NUR	6020	Advanced Nursing Research (3 credits)
NUR	6025	Applied Drug Therapies for the APRN (3 credits)
NUR	6030	Advanced Physical Assessment (3 credits)

### FAMILY NURSE PRACTITIONER CONCENTRATION (27-30 CREDITS)

NUR	6960	Advanced Theory: Primary Care of Children (3 credits)
NUR	6961	Practicum I (3 credits)
NUR	6962	Advanced Theory: Primary Care of Women (3 credits)
NUR	6963	Practicum II (3 credits)
NUR	6964	Advanced Theory: Primary Care of Adults (3 credits)
NUR	6965	Practicum III (3 credits)
NUR	6966	Advanced Theory: Primary Care of the Geriatric Adult (3 credits)
NUR	6967	Practicum IV: Primary Care of the Geriatric Adult (3 credits)
NUR	6969	Practicum V (3 credits) ( <i>Elective</i> )

NUR 7000 Professional Paper/Project Proposal (Variable credit: 1-1-1 for a total of 3 credits)

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.

### **Adult-Gero Acute Care Nurse Practitioner (A-GACNP)**

The Adult-Gero Acute Care Nurse Practitioner (A-GACNP) track is an option track of the MSN program that prepares the successful graduate to sit for the national board exam for the A-GACNP credential required for licensure. This track focuses on the role, function and utilization of the Adult Gerontology Acute Care Nurse Practitioner in providing acute care for the adult and gerontologic patient populations.

### **PROGRAM OUTCOMES**

*The Master of Science in Nursing Adult Gerontology Acute Care Nurse Practitioner graduate will:*

1. *Advanced Clinical Practice*
  - *Demonstrate and apply the knowledge, skill, and judgment to independently provide direct patient care that incorporates the evaluation, assessment, diagnosis and treatment across the adult life span (adult and geriatrics) within acute care and critical care hospital settings.*
  - *Assess the complex acute, critical, and chronically-ill patient for urgent and emergent conditions, using both physiologically and technologically derived data, to evaluate for physiologic instability and risk for potential life-threatening conditions.*
  - *Develop effective collaboration with both formal and informal caregivers and professional staff to achieve optimal care outcomes during complex acute, critical and chronic illness attending to variations across the lifespan.*
  - *Serve as a knowledge resource regarding clinical and/or care issues related to the design and development of complex acute, critical, and chronic health services for care of the adult-gerontology population.*
2. *Evidence-Based Practice*
  - *Promote the delivery of evidence-based care for patients with complex acute, critical, and chronic physical and mental illness.*
  - *Participate in the design and/or implementation, and evaluation of evidence-based, age-appropriate professional standards and guidelines for care.*
  - *Contribute to knowledge development for improved care of the adult-gerontology acute care population, by participation in quality improvement, program evaluation, translation of evidence into practice, and/or dissemination of evidence.*
3. *Transformational Leadership*
  - *Demonstrate leadership to promote improved health care outcomes for the adult – older adult population in practice, policy, and other venues.*
4. *Professionalism/Ethics*
  - *Practice as an autonomous and independent provider ethically bound to operate within the guidelines, standards, and scope of practice of the health care institution and state.*
  - *Advocate for the patient's and family's rights regarding healthcare decision-making such as emancipation, conservatorship, guardianship, durable power of attorney, health care proxy, advance directives and informed consent, taking into account ethical and legal standards*
5. *Quality Improvement and Safety*
  - *Integrate current evidence to improve the quality of clinical practice and promote safe care.*
6. *Health Care Informatics*
  - *Incorporate knowledge of clinical decision support tools to assist in charting, decision*

*making and delineation of resources, evidence based research and scholarship.*

7. *Health Policy and Advocacy*

- *Appraise the interdependence of health policy to act as an advocate of policy that promotes access to care, equity, quality, and cost efficacy.*

8. *Interprofessional Collaboration*

- *Work collaboratively with a variety of health professionals to achieve patient care goals, promote stabilization and restoration of health in complex acute, critical, and chronic illness.*
- *Promote collaboration among members of the multidisciplinary healthcare team to facilitate optimal care for patients with complex acute, critical, and chronic illnesses considering variations across the adult lifespan.*

9. *Transcultural Care*

- *Collaborate with the individual, family, and caregivers in the development of educational interventions appropriate to the complex acute, critical, and chronically-ill patient's needs, values, developmental and cognitive level, and health literacy.*
- *Educate individuals, families, caregivers, and groups regarding strategies to manage the interaction among normal development, aging, and mental and physical disorders.*
- *Adapt teaching-learning approaches based on physiological and psychological changes, age, developmental stage, cognitive status, readiness to learn, health literacy, the environment, and available resources.*

**PREREQUISITES**

MATH	1123	Statistics
NUR	4700	Research Proposal Development

**MSN CORE COURSES (20 CREDITS)**

NUR	6000	Advanced Practice Roles in a Diverse Society (3 credits)
NUR	6005	Epidemiology (2 credits)
NUR	6010	Advanced Pathophysiology (3 credits)
NUR	6015	Community/Public Health Policy and Program Planning (3 credits)
NUR	6020	Advanced Nursing Research (3 credits)
NUR	6025	Applied Drug Therapies for the APRN (3 credits)
NUR	6030	Advanced Physical Assessment (3 credits)

**ADULT-GERO ACUTE CARE NURSE PRACTITIONER CONCENTRATION (28 CREDITS)**

NUR	6980	Fundamentals of Acute Care I (3 credits)
NUR	6982	Advanced Clinical Diagnostics and Technology (3 credits)
NUR	6983	Fundamentals of Acute Care II (3 credits)
NUR	6984	A-GACNP Practicum I (3 credits)
NUR	6985	Advanced Practice Acute Care III (1 credit)
NUR	6986	A-GACNP Practicum II (6 credits)
NUR	6987	A-GACNP Practicum III (6 credits)
NUR	7000	Professional Paper/Project Proposal (3 credits)

**RN to 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 courses:

WRI	1200	Research, Argument, and Writing (3 credits)
MATH	1123	Statistics (3 credits)
NUR	3900	Leadership and Management in Nursing (2 credits)
NUR	4700	Nursing Research (3 credits)
NUR	4960	Developing a Healthy Community (2 credits)
NUR	4961	Developing a Healthy Community – Lab (4 credits)

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

HPU's MSW is based on an advanced generalist model with a concentration in culturally competent social work practice. The school also offers a focus on military social work and veterans' affairs that encompasses five courses plus field placements in military or veteran affairs venues.

The social work profession promotes human and community well-being. Social workers focus on social and economic justice at the local, national, and global levels. They are often pioneers – challenging the status quo and working tirelessly to help others help themselves. Social workers have many options for specialization, including child or adult protective services, health care, mental health, individual and family counseling, criminal justice, or social agency administration, to name only a few practice areas.

The goal of HPU's MSW is to prepare qualified students for entry into competent, ethical, and effective social work practice. Utilizing critical thinking and building upon our diverse cultural and geographic environment, students at Hawai'i Pacific University strive to enhance the social well-being of all people, provide leadership in culturally competent services at the micro, mezzo, and macro levels, and advocate for social and economic justice locally, nationally, and globally, and promote multiculturalism through furthering social work knowledge.

### PROGRAM OUTCOMES

1. *To prepare graduates who will demonstrate competence in social work practice at an advanced level with client systems of all sizes.*
2. *To prepare graduates to work effectively with diverse populations in multicultural settings*
3. *To prepare graduates to 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.*
4. *To promote the values and ethics of professional social work in the program and in its graduates' practice.*
5. *To develop in graduates an appropriate foundation for a 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  
SOC 3100      Methods of Inquiry

### OR

Bachelor's Degree in a field other than Liberal Arts, including courses equivalent to the following:

MATH 1123      Statistics **or** SOC 3200 Social Statistics  
SOC 3100      Methods of Inquiry

### TWO-YEAR PROGRAM (60 CREDITS)

#### Year One

*One of the following:*

SWRK 6001      Fundraising and Resources Development for Non-Profit Organizations and Agencies **OR**

SWRK 6002      Crisis Intervention and Prevention **OR**

SWRK 6003      Global Social Work Practice

*All of the following:*

SWRK 6100      Generalist Social Work Practice with Individuals

SWRK 6102      Generalist Social Work Practice with Families and Groups

SWRK	6103	Generalist Social Work Practice with Organizations and Communities
SWRK	6200	Human Behavior in the Social Environment I
SWRK	6201	Human Behavior in the Social Environment II
SWRK	6300	Social Work Research I
SWRK	6500	Social Welfare Policy I
SWRK	6900	Graduate Practicum I
SWRK	6901	Graduate Practicum II

### **Year Two**

*All of the following:*

SWRK	6510	Legal and Ethical Issues in Social Work
SWRK	7100	Culture and Diversity in Advanced Generalist Practice
SWRK	7101	Advanced Practice with Diverse Individuals
SWRK	7102	Advanced Practice with Diverse Families and Groups
SWRK	7103	Advanced Practice with Diverse Organizations and Communities
SWRK	7300	Social Work Research II
SWRK	7500	Social Welfare Policy and Services II
SWRK	7900	Graduate Practicum III
SWRK	7901	Graduate Practicum IV

### **CAPSTONE COURSE**

SWRK	7350	Integrative Seminar in Advanced Generalist Practice
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Students in the Military and Veteran Affairs Focus will take:

SWRK	6801	Military and Veteran Social Work Practice
SWRK	7301	Research Methods in Military Social Work and Veteran Affairs (instead of SWRK 7300 Social Work Research II)
SWRK	7902	Military and Veteran's Affairs Practicum III (instead of SWRK 7900 Graduate Practicum III)
SWRK	7903	Military and Veteran's Affairs Practicum IV (instead of SWRK 7901 Graduate Practicum IV)
SWRK	7351	Integrative Seminar in Military Social Work and Veteran Affairs (instead of SWRK 7350 Integrative Seminar in Advanced Generalist Practice)

### **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 course 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)

The Military and Veteran Affairs Focus (see above) is also available to students in the Advanced Standing Option.

# COLLEGE OF LIBERAL ARTS



## **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 to 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 lifelong 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 Hawai'i, 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 lifelong 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 of Arts in Clinical and Mental Health Counseling program consists of 60 credit 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 terms 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 and defend a Master's thesis.

### **CORE COURSES (54 CREDITS)**

PSY	6000	Ethical and Professional Issues in Clinical Mental Health Counseling
PSY	6100	Applied Statistics in Clinical and Counseling Psychology
PSY	6200	Research Methods in Clinical and Counseling Psychology
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	6740	Assessment and Treatment of Substance Abuse/Addiction
PSY	6750	Group Interventions: Theory and Practice

### **CAPSTONE COURSES**

PSY	7100	Clinical Practice and Supervision I – Community Internship
PSY	7101	Clinical Practice and Supervision 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 (6 CREDITS)**

*Choose two courses from the following:*

PSY	6350	Forensic Psychology for Counselors
PSY	6760	Counseling Children and Adolescents
PSY	6970	Research Practicum
PSY	7102	Clinical Practice and Supervision III – Community Internship

## 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.*

### CORE COURSES (9 CREDITS)

COM	6000	Communication Theory
COM	6050	Communication Research Methods
COM	6650	Intellectual Property and Media Ethics

### ELECTIVE COURSES (18 CREDITS)

*Choose six courses from the following:*

COM	6010	Strategic Communication
COM	6070	Advanced Media Research
COM	6085	Speech Making and Writing
COM	6100	Integrated Communication
COM	6200	Organizational Communication
COM	6305	Crisis Communication
COM	6310	International Communication
COM	6315	Tourism and Cross-Cultural Communication
COM	6460	Digital Graphic Design
COM	6500	Teaching Techniques
COM	6510	Web Design
COM	6540	History of American News Media
COM	6545	Literary Journalism
COM	6555	Photojournalism
COM	6590	Feature Film Screenwriting
COM	6600	Mediation and Conflict
COM	6610	Negotiation
COM	6620	Communication Strategies for Professionals
COM	6630	Mediation Practice
COM	6670	Communication and Legal Practice
COM	6750	Gender Communication
COM	6760	Film Criticism
COM	6770	Media Criticism
COM	6910	Selected Topics in Communication
COM	6970	Current Issues in Communication
COM	6980	Graduate Communication Practicum

### CAPSTONE COURSES (6 CREDITS)

COM	7150	Capstone I
COM	7250	Capstone II
COM	7299	Continuing Thesis II Writing

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 HIST 1XXX introductory level History courses

HIST 3XXX Any Upper-Division History elective

HIST 4661 History of Military Thought or HIST 4961 Seminar: Military History

INTR 3000 International Relations

PSCI 2000 Introduction to Politics

**Or** 18 undergraduate credits in History, Political Science, and International Relations, including upper-division coursework in Military and/or Diplomatic History and International Relations.

**And/Or** a combination of experience in diplomatic or military affairs.

### CORE COURSES (9 CREDITS)

HIST 6600 Seminar: Military History: Methods, Approaches & Historiography

HIST 6601 Seminar: Theory/Practice Diplomacy

PSCI 6601 Seminar: Diplomacy and International Relations

### MILITARY AND DIPLOMATIC HISTORY COURSES (9 CREDITS)

Choose three HIST courses from the following list. At least one must be a Diplomatic History Elective (HIST 666X):

HIST 6611 Seminar: War in the Ancient World

HIST 6622 Seminar: The Military Revolution

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 6649 Race, Sex, and War in U.S. History

HIST 6650 Oil: History, Security and Sustainability

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 6664 Seminar: Middle Eastern Diplomatic History

HIST 6665 Seminar: International History of the Cold War

HIST 6667 Seminar: Modern American Cultural Diplomacy: "A Diplomacy of Peoples"



HIST	6670	Seminar: History of Genocide
HIST	6680	History of Military Thought
HIST	6990	Nonpaid Internship
HIST	6991	Paid Internship
HIST	6997	Directed Readings in History
HIST	6998	Special Topics in Diplomatic History
HIST	6999	Special Topics in Military History

### **POLITICAL SCIENCE & INTERNATIONAL STUDIES ELECTIVE COURSES (6 CREDITS)**

Choose any two of the following Political Science (PSCI) and/or International Studies (INTR) courses:

#### **Political Science**

PSCI	6151	Global Governance
PSCI	6300	Indian Foreign and Security Policy
PSCI	6400	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	Peacebuilding & Conflict Management
PSCI	6630	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	6990	Nonpaid Internship
PSCI	6991	Paid Internship
PSCI	6997	Special Topics in International Relations

#### **International Studies**

INTR	6300	International and Domestic Emergency Management
INTR	6997	Special Topics in International Studies

### **SUPPORTING FIELD ELECTIVE COURSES (6 CREDITS)**

Choose two supporting field elective courses from among the following supporting fields: ANTH; ARTH; GLSD; PHIL; STSS

#### **Anthropology**

ANTH	6601	Seminar: Violence, Conflict, and War
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#### **Art History**

ARTH	6601	Seminar: Artists and Images of War
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#### **Global Leadership and Sustainable Development**

GLSD	6001	Seminar in Environmental Governance
GLSD	6340	Seminar: Environmental History of the Modern World
GLSD	6360	Sustainability Strategies and Indicators
GLSD	6500	Ecological Economy and Sustainable Development

#### **Philosophy**

PHIL	6600	Seminar: Professional Ethics and the Military
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#### **Strategic & Security Studies**

STSS	6301	China's National Security and Modern Military Doctrine
STSS	6600	20 <sup>th</sup> Century Intelligence Operations
STSS	6666	Theory and Practice of Counter Insurgency
STSS	6990	Nonpaid Internship
STSS	6991	Paid Internship

### **CAPSTONE COURSES (6-9 CREDITS OR MORE)**

HIST	7601	Seminar: Research Methods in Diplomacy & Military Studies (3 credits)
HIST	7602	Capstone Seminar: Writing in Diplomacy & Military Studies (3 credits)
HIST	7603	Capstone Seminar: Thesis Writing in Diplomacy & Military Studies (variable 1-9 credits)

## 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 credit hours of graduate work. The 42 credit hours are divided into 24 credit hours of core courses, 3 credit hours of a core elective, 6 credit hours of research, and 9 credit hours of a supporting field.

### 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 <b>or</b> MIS 2000 Information Tools for Business
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 CREDITS)

ENVS	6010	Global Climate Change
GLSD	6000	Sustainable Human Systems
GLSD	6001	Seminar in Environmental Governance
GLSD	6005	Research Methods for Environmental and Social Policy Formation
GLSD	6330	Industrial Ecology and Sustainability
GLSD	6340	Environmental History of the Modern World
GLSD	6350	Global Markets in Transition
GLSD	6500	Ecological Economics and Sustainable Development

*Choose one course of the following:*

ENVS	6020	Advanced Photovoltaic Systems Design
ENVS	6030	Sustainable Energy Systems
ENVS	6040	Sustainable Building Science
ENVS	6060	Geographical Information Systems 2: Spatial Analysis
ENVS	6300	Modeling and Simulation
ENVS	6920	Special Topics in Environmental Science

GLSD	6360	Sustainability Strategies and Indicators
GLSD	6920	Special Topics in Global Leadership and Sustainable Development
GLSD	6950	Globalization, Environment, and Sustainability Development Practicum
GLSD	6990	Nonpaid Internship (with Career Services)
GLSD	6997	Directed Readings in Global Leadership and Sustainable Development

### **CAPSTONE COURSES (6 CREDITS)**

GLSD	7100	GLSD Professional Paper I
GLSD	7200	GLSD Professional Paper II Capstone

### **SUPPORTING FIELDS (9 CREDITS)**

*Choose 3 courses from the following (no double counting with above):*

COM	6310	International Communication
COM	6770	Media Criticism
ECON	6400	International Trade and Finance
ECON	6450	The World Economy
ED	6450	Science Curriculum and Instruction
ED	6460	Social Studies Curriculum and Instruction
ENVS	6020	Advanced Photovoltaic Systems Design
ENVS	6030	Sustainable Energy Systems
ENVS	6040	Sustainable Building Science
ENVS	6060	Geographical Information Systems 2: Spatial Analysis
ENVS	6300	Modeling and Simulation
ENVS	6920	Special Topics in Environmental Science
FIN	6100	International Finance
GEOG	4700	Geographic Information Systems
GLSD	6360	Sustainability Strategies and Indicators
GLSD	6920	Special Topics in Global Leadership and Sustainable Development
GLSD	6950	Globalization, Environment, and Sustainability Development Practicum
GLSD	6990	Nonpaid Internship (with Career Services)
GLSD	6991	Paid Internship
GLSD	6997	Directed Readings in Global Leadership and Sustainable Development
HR	6320	Global Human Resource Management
HIST	6650	Oil: History, Security and Sustainability
HIST	6670	History of Genocide
IS	6020	Modern Methods in Project Management
MKTG	6420	International Marketing
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	6446	Consulting Theory and Practice
OC	6447	Consulting and Group Process Facilitation
PSCI	6151	Global Governance
PSCI	6630	National and International Security
PSCI	6610	Seminar: Politics of Developing Nations
PSCI	6620	Peacebuilding and Conflict Management
PSCI	6670	Seminar: Democratization and Human Rights
PSCI	6671	Seminar: Transitions to Democracy

## 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 ASK:*

- 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, critical thinking, 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 pedagogical 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

### SECOND LANGUAGE REQUIREMENT

MATESOL graduates will have at least an intermediate competence in a second modern language. Native speakers of English must take (or have taken previously at the tertiary level) two years of a language other than English. A student who may have developed a competency in a language, in some other way than formal study, may also meet this requirement by taking the HPU placement test (or its equivalent) for a language, and by placing on a level beyond the equivalent of the second college year of foreign language.

### CORE COURSES (21 CREDITS)

AL 6000 Teaching Second Languages: Theory and Practice  
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

*And two of the following courses:*

AL 6710 Second Language Listening and Speaking  
AL 6720 Second Language Reading and Writing  
AL 6750 TESOL Materials Development

\*Students may be exempted by exam from taking these courses. Exempted courses do not count toward the 36-credit requirement. Electives must be taken in their place.

### ELECTIVE COURSES (12 CREDITS)

*Choose four courses from the following:*

AL 6130 Semantics  
AL 6140 Discourse Analysis for Language Teachers  
AL 6150 Using Corpora in the Language Classroom  
AL 6310 History of the English Language  
AL 6320 Language and Society  
AL 6340 Translation in Second Language Acquisition  
AL 6600 Seminar in Second/Foreign Language Teaching  
AL 6740 Research and Issues in Computer-Assisted Language Learning  
AL 6750 TESOL Materials Development  
AL 6760 Teaching English to Children

New courses may appear on course schedules with the designation AL 68xx. These courses may also be counted as elective courses. An example is AL 6807 Curriculum Development in TESOL.

### CAPSTONE COURSE (3 CREDITS)

AL 7099 Practicum II and Capstone

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.
- A thesis that reports on an empirical study in the field of TESOL.

# COLLEGE OF NATURAL AND COMPUTATIONAL SCIENCES



## 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 address complex questions in 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. For students in the thesis (T) track, the graduate thesis committee will determine whether any deficiencies exist and how these deficiencies will be addressed.

### THESIS (T) TRACK (36 CREDITS)

#### CORE COURSES (9 CREDITS)

*Student must take at least 3 of the following:*

MARS 6050	Marine Ecology (3)	or MARS 6090 Biological Oceanography (3)
MARS 6060	Geological Oceanography (3)	
MARS 6070	Chemical Oceanography (3)	
MARS 6080	Physical Oceanography (3)	

#### NATURAL SCIENCE REQUIRED COURSES (12 CREDITS)

NSCI 6110	Graduate Seminar I – [1st term (1)]
NSCI 6112	Graduate Seminar I – [2nd term (1)]
NSCI 6120	Graduate Seminar II – Thesis Presentation – [3rd or 4th term (1)]
NSCI 6900*	Master's Research (6)
NSCI 7000	Master's Thesis [Capstone Course (3)]

\* A minimum of 6 credits of NSCI 6900 must be completed by graduation.

#### ELECTIVE COURSES (15 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 Master's Research can be taken as electives. Elective courses are chosen by each student in consultation with their graduate thesis committee.

##### Graduate Courses

BIOL 6090	Advanced Biometry (3)
BIOL 6120	Ichthyology (3)
BIOL 6170	Larval Biology (3)
BIOL 6210	Neuroscience (3)
BIOL 6220	Immunology (3)
CHEM 6310	Marine Natural Products Chemistry (3)
ENVS 6010	Global Climate Change
ENVS 6020	Advanced Photovoltaic Systems Design (3)
ENVS 6920	Special Topics in Environmental Science (3)
GEOL 6010	Contaminant Hydrogeology (3)
GLSD 6500	Ecological Economics and Sustainable Development (3)
MARS 6010	Toxicology and Stress Responses in Marine Communities (3)

MARS	6020	Marine Science Field Methods (3)
MARS	6030	Marine Mammal Biology (3)
MARS	6040	Seabird Ecology and Conservation (3)
MARS	6050	Marine Ecology (3)
MARS	6090	Biological Oceanography (3)
MARS	6120	Coral Reef Ecology (3)
MARS	6210	Marine Fisheries and Management (3)
MARS	6300	Multivariate Applications in Marine Science (3)
MARS	6400	Marine Conservation Biology (3)
MARS	6910	Current Topics in Marine Science (1)
MARS	6920	Special Topics in Marine Science (1-3)
NSCI	6450	Teaching Undergraduate Science (3)
NSCI	6900	Master's Research (1-5)

#### **Advanced Undergraduate Course**

ENVS	4030	Applied Geographic Information Systems (3)
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#### **APPLIED (A) TRACK (39 CREDITS)**

The applied track requires that all students take a comprehensive exam after the completion of the core courses, so that the student can demonstrate competency in the main marine science disciplines.

#### **CORE COURSES (15 CREDITS)**

BIOL	6090	Advanced Biometry (3)
MARS	6050	Marine Ecology (3) <b>or</b> MARS 6090 Biological Oceanography (3)
MARS	6060	Geological Oceanography (3)
MARS	6070	Chemical Oceanography (3)
MARS	6080	Physical Oceanography (3)

#### **COMPREHENSIVE SEMINAR (1 credit)**

MARS	6980*	Comprehensive Marine Science Seminar (1)
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\*Successful completion of this seminar is linked with passing the comprehensive examination of the five core knowledge areas listed above.

#### **REQUIRED FOUNDATIONAL COURSES (8 CREDITS)**

MARS	6020	Marine Science Field Methods (3) <b>or</b> MARS 6950 Practicum in Marine Science (3)
MARS	6910	Current Topics in Marine Science (2)
NSCI	6110	Graduate Seminar I – [1st term (1)]
NSCI	6130	Communicating Marine Science (2)

#### **RESTRICTED ELECTIVE COURSES (9 CREDITS)**

*Students must take at least 3 of the following:*

ENVS	6060	Geographical Information Systems 2: Spatial Analysis (3)
ENVS	6300	Modeling and Simulation (3)
GLSD	6500	Ecological Economics and Sustainable Development
MARS	6300	Multivariate Applications in Marine Science (3)
MARS	6500	Computational Methods in Marine Science (3)
MARS	6600	Geospatial Analysis in Marine Science (3)

#### **ELECTIVE COURSES (6 CREDITS)**

*A maximum of 3 credits of advanced undergraduate courses (4000-level):*

##### **Graduate Courses**

BIOL	6120	Ichthyology (3)
BIOL	6170	Larval Biology (3)
CHEM	6310	Marine Natural Products Chemistry (3)
ENVS	6010	Global Climate Change (3)
ENVS	6060	Geographical Information Systems 2: Spatial Analysis (3)
GLSD	6500	Ecological Economics and Sustainable Development (3)
MARS	6010	Toxicology and Stress Responses in Marine Communities (3)
MARS	6030	Marine Mammal Biology (3)
MARS	6040	Seabird Ecology and Conservation (3)



MARS	6050	Marine Ecology (3)
MARS	6090	Biological Oceanography (3)
MARS	6120	Coral Reef Ecology (3)
MARS	6210	Marine Fisheries and Management (3)
MARS	6300	Multivariate Applications in Marine Science (3)
MARS	6400	Marine Conservation Biology
MARS	6500	Computational Methods in Marine Science (3)
MARS	6600	Geospatial Analysis in Marine Science (3)
NSCI	6450	Teaching Undergraduate Science (3)

**Advanced Undergraduate Courses**

ENVS	4030	Applied Geographic Information Systems (3)
MARS	4100	Marine Resource Management: Culture and Sustainability (3)

## GRADUATE ONLINE PROGRAMS

Hawai'i Pacific University offers two graduate programs completely online: **Masters in Business Administration (MBA) and Masters in Organizational Change (MAOC)**. The MBA is offered in 8-week terms; the MAOC is offered on Fall/Spring/Summer schedules. The application procedures and admissions requirements are the same as for full term-based programs. Please refer to Admissions in the Graduate Studies section of the catalog or go to the Graduate Admissions website at [www.hpu.edu/grad](http://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 of Science in Information Systems and Master of Arts 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 and supplemental information required by program.

Applications should be sent to:

Admissions Office  
1 Aloha Tower Drive  
Honolulu, HI 96813

### 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 GPA to be awarded a graduate certificate.

## COLLEGE OF BUSINESS

### Professional Certificate in Business Analytics

The Professional Certificate in Business Analytics involves information technologies, applications, and practices for collection, integration, analysis, and presentation of business data and information to gain insight and drive business planning. This certificate will appeal to working professionals who are interested gaining additional knowledge in information systems and business analytics that enable companies to be more competitive. Additionally, certificates are gateway products that lead some students to become matriculated.

*Select four out of the five following courses:*

IS	6040	Business Analytics
IS	6230	Knowledge Management
IS	6260	Network Analysis
IS	6280	Data Mining for Business Intelligence
IS	6360	Big Data

### 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 credit)*
HS	6990	Nonpaid Internship (2 credits)*
MKTG	6445	Healthcare Marketing

\*These courses must be taken concurrently.

### 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:*

HR	6400	Human Resource Management
HR	6420	Compensation Management
HR	6450	Safety and Health Management
HR	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 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	6005	Information Systems Management
MKTG	6420	International Marketing
HR	6320	HRM: A Global Perspective

### **Professional Certificate in Organization Development and Change**

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 Human Organizations
OC	6443	Change Leadership Models and Methods
OC	6444	Innovations and Creativity

### **Professional Certificate in Software Engineering**

The Professional Certificate in Software Engineering explores the effective management of software engineering and development projects. This certificate will appeal to working professionals who are interested gaining additional knowledge in the software development process, project management, and strategic management. Additionally, certificates are gateway products that lead some students to become matriculated.

*Certificate candidates must complete four out of the five following courses:*

IS	6020	Modern Methods in Project Management
IS	6050	Software Design and Construction
IS	6065	Database Management
IS	6110	Comparative Methods in Software Engineering
IS	6120	Software Engineering Practicum

### **Professional Certificate in Telecommunications Security**

The Professional Certificate in Telecommunications Security is designed for those who wish to enhance their understanding of telecommunications security. This certificate will appeal to working professionals whose responsibilities include information, Internet and network security. Additionally, certificates are gateway products that lead some students to become matriculated.

*Certificate candidates must complete four out of the five following courses:*

IS	6070	Systems Architecture
IS	6130	Telecommunications
IS	6250	Global Information Systems
IS	6330	Advanced Issues in Connectivity
IS	6340	Information Systems Security
IS	6380	Systems Forensics

## COLLEGE OF HEALTH AND SOCIETY

### Post Master's Certificate: Adult-Gero Acute Care Nurse Practitioner

This certificate allows nurses with a Master's Degree in Nursing, usually with a concentration in another nurse practitioner population or focus, and from an accredited school, to re-tool for the concentration of Acute Care Nurse Practitioner, with a population focus of Adult-Gero.

#### PROGRAM OF STUDY

Total	53 MSN credits
MSN Core -	20 credits (research, epidemiology, the 3 P's, Roles/theory, Health Policy)
AGAC NP track -	30 credits
	<u>+ 3 cr capstone</u>
	= 53 cr

*After successful completion of the 20-credits MSN core, A-GACNP track:*

Fall:

NUR	6980	Fundamentals of Acute Care I	3 cr
NUR	6981	Advanced Clinical Decision-making	3 cr
NUR	6982	Advanced Clinical Diagnostics & Technology	<u>3 cr</u>
			9 cr

Spring:

NUR	6983	Fundamentals of Acute Care II	3 cr
NUR	6984	A-GACNP Practicum I	<u>6 cr</u>
			9 cr

Summer:

NUR	6985	Advanced Practice Acute Care III	3 cr
NUR	6986	A-GACNP Practicum II	<u>3 cr</u>
			6 cr

Fall:

NUR	6987	A-GACNP Practicum III	6 cr
NUR	7000	Professional Project Proposal	<u>3 cr</u>
			9 cr

### Post Master's Certificate: Family Nurse Practitioner

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 master's 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, Pharmacology and Physical Assessment 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: Primary Care of the Geriatric Adult
NUR	6969	Practicum V

*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.*

## COLLEGE OF LIBERAL ARTS

### **Certificate in Environment, Policy, and Leadership**

The Graduate Certificate in Environment, Policy and Leadership is designed for students interested in understanding the impact of human activities on natural and environmental systems, designing policies to improve, remediate and restore environmental health, encourage sustainable development, and lead the organization and institutional changes necessary for successful policy implementation.

*Certificate candidates must complete the following four courses (12 credits):*

GLSD	6000	Sustainable Human Systems
GLSD	6340	An Environmental History of the Modern World
GLSD	6500	Ecological Economics and Sustainable Development
ENVS	6XXX	One pre-approved 6000-level ENVS course* <b>or</b>
MARS	6XXX	One pre-approved 6000-level MARS course* <b>or</b>
GEOG	4700	Geographic Information Systems

\*The ENVS 6XXX or MARS 6XXX course must be pre-approved by the program. Students should consult with their graduate advisor first before registering for this course.

### **Certificate in Global Leadership and Sustainable Development**

The graduate certificate prepares students for leadership positions in organizational and that transform globalization dynamics into sustainable economic, social, and environmental development practices and programs. Students will learn to put the needs of local traditions, cultures, and communities at the forefront of the globalization dynamic. The certificate emphasizes the import of systemic thinking and critical analysis for understanding the forces of globalization on local cultures, traditions, the natural environment, and social organization.

*Certificate candidates must complete the following courses:*

GLSD	6000	Sustainable Human Systems
GLSD	6001	Seminar in Environmental Governance <b>or</b> ENVS 6150 Environment, Power and Society
GLSD	6350	Global Markets in Transition
GLSD	6500	Ecological Economics and Sustainable Development

### **Graduate Certificate in National Security and Strategic Studies**

The Graduate Certificate in National Security & Strategic Studies addresses the increasing global, regional, and local concern about contemporary security and strategic issues. It provides tools to help individuals understand contemporary national and international security issues as well as appreciate processes and themes at the cornerstone of strategic planning and decision-making. The program seeks to enhance students' understanding of the complexity and nature of contemporary security challenges and the range of possible responses to such threats. It thus combines study of theories, strategies, and doctrines related to the causes, conduct, and resolution of conflicts as well as the maintenance of peace.

#### *Program of Study*

The Graduate Certificate in National Security & Strategic Studies offers professional education for

graduate students interested in studying the intersections between force and 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, and regional security.

*Core Courses (6 Credits):*

HIST	6601	Seminar: Theory/Practice Diplomacy
PSCI	6601	Seminar: Diplomacy & International Relations <b>or</b> PSCI 6630 Seminar: National & International Security

*Elective Courses (9 Credits)*

*Any three courses from at least two different alphas from the following elective courses*

HIST	6650	Oil: History, Security and Sustainability
HIST	6661	Seminar: European Diplomatic History
HIST	6662	Seminar: U.S. 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	6667	Seminar: Modern American Cultural Diplomacy
HIST	6670	Seminar: History of Genocide
HIST	6998	Seminar: Special Topics in Diplomatic History
HIST	6999	Seminar: Special Topics in Military History
INTR	6997	Seminar: Special Topics in International Studies
PSCI	6300	Seminar: Indian Foreign and Security Policy
PSCI	6400	Seminar: Chinese Foreign Policy
PSCI	6601	Seminar: Diplomacy and 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	6990	Unpaid Internship
PSCI	6991	Paid Internship
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
STSS	6689	Seminar: Twentieth Century Intelligence Operations
STSS	6990	Unpaid Internship
STSS	6991	Paid Internship

**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 TESOL 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
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*Core Courses (two of the following)*

AL	6000	Teaching Second Languages: Theory and Practice
AL	6110	English Phonology and the Teaching of Pronunciation

AL 6120 English Syntax and the Teaching of Grammar

*Methods Courses (two of the following)*

AL 6710 Methods of Teaching Oral/Aural English

AL 6720 Second Language Reading and Writing

AL 6730 Assessment in TESOL

AL 6750 TESOL Materials Development

*Practicum Course (required)*

AL 6961 Practicum I in TESOL

*Elective Courses*

Certificate candidates must also take one elective course. Students may select any graduate 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.*





# UNIVERSITY CURRICULUM

## READING A COURSE LISTING

Number of **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**

(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.

### Course prerequisites

*These must be met in order to enroll.*

*Pre: Any WC&IL I course and MATH 1105 or higher.*

## 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 WC&IL I 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; any WC&IL II 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: ACCT 2000 and FIN 3000 or equivalents. 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. Repeatable for credit.

*Prerequisite: Graduate standing.*

**AL – Applied Linguistics**

**AL 1050 (3)**

**Languages in the Pacific**

Language plays an important role in all matters of human life. In AL 1050, students examine historical and contemporary language use throughout the Pacific Basin, as well as in Hawai'i. Through exploring topics such as, but not limited to, the effects of language contact, characteristics of pidgins and creoles, and stories of language loss and preservation, students develop a better understanding of, and appreciation for, cultural, political, and social issues in the world where they will live, work, and study.

**AL 1100 (3)**

**Language, Power, and Identity**

AL 1100 develops an awareness of language as an important component of culture and communication. Students investigate the relationship between language, power, and identity by (1) examining how political, historical, and social factors that have shaped or challenged language conventions and standards, (2) analyzing how language choices can express unspoken viewpoints and ideologies and influence thought, and (3) studying how language is used to construct identities such as gender, ethnicity, Deaf, and national identity in domestic and global contexts. Through readings, multimedia, field observations, discussions, and writing, students relate these topics to their own language use.

**AL 2000 (3)**

**Introduction to Linguistics**

AL 2000 is an introduction to the formal study of language. We investigate the nature of human vs. animal communication and survey subfields of linguistics including the structure of words, sentences, and sound systems. We examine society's language use in phenomena such as slang, dialects, pidgins, creoles, and language extinction. Additional topics include the study of language and the brain, the process of learning first and second languages, language change, and the relationships between languages. Students develop critical thinking and problem solving skills through simulations of linguistic fieldwork exercises and responses to their own experiences with language learning.

*Prerequisite: Any WC&IL I course.*

**AL 3110 (3)**

**The English Sound System**

An introductory course in the sound system of English. Topics include: articulatory phonetics, phonetic transcription, sound variation, syllable structure, word and sentence stress, intonation, and phonological rules. The focus is on the pronunciation problems ESOL students might have acquiring English.

*Prerequisite: C- or better in AL 2000 or concurrent.*

**AL 3120 (3)**

**English Sentence Structure**

An introduction to English grammar for the prospective ESOL instructor. Concepts investigated include parts of speech, grammatical relations, phrases, sentence types, and sentence structure. The focus is on the analysis of problems ESOL students might have acquiring 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 3150** (3)  
**Introduction to Using Corpora**  
 An introductory course on the functions of English vocabulary and grammar in real-life contexts. Topics include: how to access existing large electronic collections of authentic language (corpora), how to build and use a teacher-generated corpus, and what patterns of language use can be gleaned from corpus examples. The focus is on applying corpus findings in TESOL.  
*Prerequisite: C- or better in AL 2000 or concurrent.*
- 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: 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: 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/departamental 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 3760** (3)  
**Teaching English to Children**  
 A course exploring an activity-based approach and featuring a wide array of instructional techniques that promote successful teaching of English to children in both second and foreign language settings. Additional topics include, but are not limited to, characteristics of language learners at different ages and stages of development, cognitive and social needs of young language learners, and local and global factors influencing policy and practice in teaching English to children.  
*Prerequisite: C- or better in AL 2000 or concurrent.*
- AL 3950** (1 to 3)  
**Language Classroom Experience**  
 Observation experiences in a wide range of language classes. Students may also tutor language learners and assist language teachers in the classroom and/or in co-curricular activities. They meet in periodic seminars, document their observations in a personal log, and reflect on their growing professionalism in a virtual learning community. The course is usually taken one credit at a time over three terms.  
*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)  
**Teaching Listening and Speaking Skills**  
 An investigation of current materials and methods for teaching listening skills, oral fluency, and pronunciation. Also included are methods and materials for evaluating speaking and listening. Students prepare lesson plans and present short teaching demonstrations.  
*Prerequisites: AL 3110, 3120, and 1 credit of 3950 or department/program approval (student must complete at least one prerequisite prior to taking 4710; the other prerequisites may be taken concurrently with 4710).*
- AL 4720** (3)  
**Teaching Reading and Writing Skills**  
 An investigation of current materials and methods for teaching reading and writing skills. Also included are methods and materials for building vocabulary, addressing errors, and evaluating reading and writing. Students prepare lesson plans and present short teaching demonstrations.  
*Prerequisites: AL 3110, 3120, and 1 credit of 3950 or department/program approval (student must complete at least one prerequisite prior to taking 4720; the other prerequisites may be taken concurrently with 4720).*
- AL 4960** (3)  
**Practice Teaching**  
 Supervised practice teaching in an English language program, most often in Honolulu. Students observe and assist their mentor teacher and, when ready, assume solo responsibility for

planning and teaching several lessons. They meet in periodic seminars, document their work in a personal log, and reflect on their growing professionalism in a virtual learning community. The course should be taken in the student's final semester of study unless approved by the TESOL Practicum Coordinator.  
*Prerequisite: AL 4710 or 4720 and 3 credits of AL 3950.*

**AL 4970 (3)**  
**Practice Teaching in a Language Other Than English**

Supervised practice teaching in a language other than English of which the student is a native or near-native speaker. Students observe and assist their mentor teacher and, when ready, assume solo responsibility for planning and teaching several lessons. They meet in periodic seminars, document their work in a personal log, and reflect on their growing professionalism in a virtual learning community. The course should be taken in the student's final semester of study unless approved by the TESOL Practicum Coordinator. AL 4970 does not substitute for AL 4960.

*Prerequisite: AL 4960 or concurrent.*

**AL 6000 (3)**

**Teaching Second Languages: Theory and Practice**

The course examines major theories of second language acquisition and covers the key concepts and principles in second language learning, second language teaching, and second language research within the field of Teaching English to Speakers of Other Languages (TESOL). Lesson planning, classroom management, and teacher development are also discussed.

*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 6140 (3)**  
**Discourse Analysis for Language Teachers**

This course focuses on the analysis of language use in written texts or in spoken social interaction. Students will learn key concepts related to how language works at the discourse level and develop discourse analytical skills on authentic language samples. They will relate these concepts and analytical skills to the development of communicative competence in language learning and teaching.

*Prerequisite: C- or better in AL 2000 or concurrent. Graduate standing.*

**AL 6150 (3)**

**Using Corpora in the Language Classroom**

This course is about the functions of language forms in a wide range of spoken and written contexts. It provides the knowledge, tools, and skills that teachers need in order to build and use corpora (large samples of authentic language). Students in this course examine and practice the application of corpus linguistics to collocation, grammar, discourse and interactional patterns as well as a range of content-based and skill-based teaching activities.

*Prerequisite: C- or above in AL 2000 or concurrent.*

**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 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 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, and pragmatics. 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)**

**Second Language Listening and Speaking**

This course examines both pedagogical and research issues in the teaching of second language speaking and communication processes, communicative competence, language-focused learning, meaning-focused input, meaning-focused output, fluency, syllabus design and lesson planning, and the assessment of listening and speaking skills.

*Prerequisite: C- or better in AL 2000 or concurrent. Graduate standing.*

- AL 6720** (3)  
**Second Language Reading and Writing**  
 This course examines pedagogical and research issues in teaching second language reading and writing skills across a range of educational contexts. Topics include first and second language literacy, intensive and extensive reading, process- and genre-based theories, building vocabulary and fluency, syllabus design and lesson planning, assessment, and materials selection.  
*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 (computer-assisted language learning), 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 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** (3)  
**Practicum II and Capstone**  
 This capstone course embraces both the applied and scholarly facets of a graduate degree in TESOL. Students undertake an individually designed student teaching experience and complete one of four program options in scholarship: (a) portfolio, (b) comprehensive examination, (c) in-service project, or (d) thesis. The course includes periodic seminars.  
*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.
- AMST 2000** (3)  
**Topics in American Studies**  
 Students explore American culture and values through analyzing primary texts while focusing on a specific theme, topic, historical period, or the experiences of a particular group. The particular emphasis is reflected in the course title and the course may be repeated for credit if the topic changes.  
*Prerequisite: Any WC&IL I course.*
- ANTH – Anthropology**
- ANTH 1800** (3)  
**Contemporary Social Activism in Hawai'i**  
 This course is an ethnographic approach to social activism with a focus on Hawai'i and Hawaiian organizations. Through a combination of field trips, observations and readings, this course will introduce students to the basic concepts of anthropology and ethnographic studies as it relates to social activism and a changing society as viewed within the O'ahu microcosm.  
*Prerequisite: TOEFL score of 80, IELTS score 6.1, or placement by ELS.*
- 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 Hawai'i and abroad. An overview of various natural sciences is given as each relates to surfing.  
*Prerequisite: Any WC&IL I 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 WC&IL I 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: Any WC&IL II 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 WC&IL II 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 WC&IL II 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 Hawaiian Islands pre-and post-contact are explored.  
*Prerequisite: Any introductory social science course; any WC&IL II 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; any WC&IL II 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; any WC&IL II 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 studied as a complex set of evolving power relationships that fundamentally altered both colonizers and colonized.  
*Prerequisite: Any introductory social science course; any WC&IL II 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; any WC&IL II 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; any WC&IL II 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 workplace. 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 WC&IL II 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 WC&IL II 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; any WC&IL II course.*

**ANTH 3400 (3)**

**The Anthropology of Food**

The course focuses on the political economy of food, agriculture, and nutrition from a cultural and historical perspective at both the local and global or ("glocal") levels. It explores local, national, and global food systems to answer puzzling questions such as: How does obesity in the U.S. link to "global" hunger? Why do people keep talking about "eating local," "food sovereignty," and "grass-fed beef"? At a time that we are producing more food than ever in history, why are there *still* starving people in the world? What does cultural history tell us about how and why we eat the way we do?

*Prerequisite: A grade of C- or higher in any WC&IL II 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 WC&IL II 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 WC&IL II 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 WC&IL II 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 Hawaiian social and political systems, settlement archaeology, the roles of ritual and power in the development of Hawaiian society, and the impact of European arrival upon Hawaiian society.

*Prerequisite: A grade of C- or higher in any WC&IL II 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 WC&IL II course; any introductory social science course.*

**ANTH 3600 (3)**

**Poverty and Culture**

This is a service-learning course offering direct participant-observation with homelessness in Hawai'i. The seminar will meet both on and off campus with social service organizations. Students examine the discursive role social science, social work, and political economy play in the identification and enactment of public policies and ideology regarding impoverished people. Students will work with social work practitioners and their clients while analyzing the consequences of economic transformations in the United States and in particular Hawai'i and Micronesia. The course offers students training in ethnographic methods, community education, political activism and globalization.

*Prerequisite: Any introductory social science or humanities course.*

**ANTH 3650 (3)**

**Taboos**

This course examines what taboos are and how they operate in our lives and society. *Tabu* serves as an entrance into broader cultural analysis through examination of context and, when possible, explanation of prohibited behavior in various western and non-western societies. Discussions of subjects rich in religious, social, and political sensitivity including sexuality, witchcraft, cannibalism, human-animal relations, madness, deformity, body modification, and death are explored and analyzed in the course.

*Prerequisite: ANTH or SOC 2000.*

**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 WC&IL II course; any introductory social science course.*

**ANTH 3900 (3)**

**Anthropological Thoughts and Theories**

The purpose of this course is to facilitate an understanding of recent developments in anthropology and the related human sciences. Students are introduced to dominant theoretical approaches that have shaped anthropological research and writing over the past century and a half. This course constitutes an attempt both to supply such an historical context and to explore the potential uses of anthropology in the contemporary world. This is a require course for the BA in Anthropology.

*Any WC&IL II course; ANTH 1000 or 2000.*

**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 WC&IL II 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; any WC&IL II 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 WC&IL II 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? **Capstone course.**

*Prerequisite: A grade of C- or higher in any WC&IL II 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.*

**AQUA – Aquaculture**

**AQUA 1200** (3)  
**Global Aquaculture for Food Security and Conservation**

Students will learn about the interdisciplinary field of aquaculture which plays a critical role in global food production and aquatic ecosystem conservation. Topics to be covered include water quality, culture systems, nutrition, biology of fish and shrimp culture, and aquatic animal disease. Topics will be integrated into a broader context where students will learn about the role of aquaculture in global food security, human health, and aquatic ecosystem conservation, as well as aspects of operating an aquaculture business. The course will be taught by leading researchers from Oceanic Institute, HPU faculty, and local content experts.

**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 resist, 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 roundtable 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, and 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 hand building 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 hand building; knowledge of figurative art and anatomy very helpful. Learn a variety of really fussy

techniques for forming hollow, hand-built 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 hand-building 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 hand-building 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 techniques and create ceramic objects suitable for these firing methods. They will also experience the process up close and personal, learning about kiln placement, fi 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 handbuilding 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 anytime, 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 1201 (2)**  
**Watercolor**

Students learn from each other in a cooperative studio atmosphere. Students work with still life and occasionally from a live model. Each session concludes with a roundtable critique of student work. All levels of experience are welcome.

**ART 1202 (2)**

**Projects in Painting**

Problem solving is the core of painting at any level of proficiency. New students are assigned projects to match their needs and improve skills, focusing on value, color, composition, subject matter, and the creative process. Experienced students are encouraged to create their own projects and will be coached through the problem-solving process that their paintings dictate. Students benefit from the camaraderie and creative energy of a class environment designed to nurture the painting process at all levels. Students may work in any painting media.

**ART 1203 (2)**

**Collage: The Elements of Art**

Collage art offers a unique way to express yourself. Instruction is focused on the formal elements of art. Using various collage techniques, students improvise and experiment with the principles of design. Unity, variety, repetition and rhythm, balance, emphasis and color theory will be explained. A progression of projects will challenge and instruct students in this nourishing review of the building blocks of art making.

**ART 1204 (2)**

**Painting: The Social Life of Colors**

Explore the world of color. This class is for anyone interested in developing their understanding of color and individual artistic potential. Group exercises and individual instruction will guide students in the selection of art supplies, mixing of color, the application of paint, understanding color theory, developing visual awareness and energizing your creative process. Students may choose to work with oils or acrylics.

**ART 1205 (2)**

**Painting with the Modern Masters**

In this studio class, students put brush to canvas and paint using the techniques and styles of the masters of Impressionism, Fauvism, Cubism, Surrealism, and Expressionism. No prior painting experience is necessary, just a passion to paint and explore.

**ART 1206 (2)**

**Portraiture: Me, Myself and You**

Explore the world of color. This class is for anyone interested in developing their understanding of color and individual artistic potential. Group exercises and individual instruction will guide students in the selection of art supplies, mixing of color, the

application of paint, understanding color theory, developing visual awareness, and energizing your creative process. Students may choose to work with oils or acrylics.

**ART 1207 (2)**

**Painting and Drawing the Portrait**

Open to painting and drawing media, this studio class provides an opportunity to learn and practice the basics of painting and drawing the human head from a live model. A practical approach to portraiture, topics include: anatomy and structure, lighting, color selection, color mixing, and techniques that will optimize your ability to see and paint the human head in a convincing, expressive way.

**ART 1208 (2)**

**Figure Drawing**

This course addresses essential drawing principles and relates them to the human figure in pictorial space. Students will gain in-depth understanding of the body's underlying anatomical structure and geometry. Students will address volume, movement, proportion, perspective, light notation, and anatomy while drawing from a live model. Processes taught include gesture drawing, contour drawing, and full value drawing.

**ART 1209 (2)**

**Intaglio II**

A studio experience for students familiar with basic intaglio technique. Students work independently with individualized guidance. Prerequisite: Intro to Intaglio or permission by instructor.

**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 1214 (2)**

**Screen Printing**

Using hand-drawn and photographic images, students learn to use a photomechanical technique to develop multiple-color screen prints. Students learn basic hand-printing techniques, multiple-layer registration, color application and theory. Most printing is on paper, but students are encouraged to experiment with textiles, wood, etc. Course culminates with a portfolio exchange.

**ART 1215 (2)**

**Raku**

Students work with hand-built and wheel-thrown stoneware as they learn about raku firing, glazing, resist application, and more. Tools and safety are also covered, as well as other low-fire methods, including "popcorn" and horsehair firing.

**ART 1216 (2)**

**New Bamboo Sculpture**

Explore the fabrication of bamboo into satisfying works of art. Students prepare the raw materials - splitting, sizing, sanding, and soaking the bamboo. Learn construction techniques such as weaving, pegging, gluing and binding. Make pieces suitable for wall hanging and freestanding works for an outdoor environment. The class is scheduled for the morning when the light and temperature are best, in the inspiring setting of Spalding House.

**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 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 able 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, 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 fur, cellulay 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 groundbreaking 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 1001** (3)  
**Arts of Oceania**  
 The arts and architecture of the indigenous peoples of the Pacific Rim and center. The course covers the aesthetic traditions of diverse people and non-European civilizations whose cultures inhabit the Pacific Ocean. Hawaiian culture and arts are interpreted within in this context. The primary discipline of the course is Art History; however, anthropology, archeology, geography and colonial history are integral to the course.
- 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 2301** (3)  
**Topics in World Art History**  
 An examination of the artistic traditions of the world from earliest times to the present. The central theme will alternate each semester among the following: I: Arts of Asia, II: Tribal Arts, III: Foundations of Western Art. Course is repeatable for credit if the topic is different.  
*Prerequisite: Any WC&IL I; may be taken concurrently.*
- 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: Any WC&IL II 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: Any WC&IL II 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: Any WC&IL II 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: Any WC&IL II course.*
- ARTH 3551** (3)  
**Art of the Pacific**  
 The art and architecture of Indonesia, Melanesia, Micronesia, and Polynesia in its pre-European context.  
*Prerequisite: Any WC&IL II course.*
- ARTH 3552** (3)  
**Art of Polynesia**  
 The art and architectural tradition of cultures within the Polynesian triangle.  
*Prerequisite: Any WC&IL II course.*

- ARTH 3556** (3)  
**Art of Hawai'i**  
 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: Any WC&IL II 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: Any WC&IL II course.*
- ARTH 3811** (3)  
**Experiencing Japanese Culture**  
 This course examines Japanese art and visual culture in a wide range of forms. Through sociopolitical analysis, students will become familiar with Japanese art and culture through a critical study of how the traditional forms are represented in popular culture, including those surrounding us in our daily lives. Students will travel to Japan during the spring break to actually experience Japanese culture and learn about the significant and spiritual background of historical heritages through firsthand engagement with actual locations.  
*Prerequisite: Any WC&IL II 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 1003** (3)  
**Sustainable Art & Design**  
 An introductory visual arts course that covers sustainability as it relates to art and design. Artists and designers who consciously implement sustainability practices will be explored, with an attention to historical context and larger cultural meaning. Students also complete basic studio art projects and group projects that relate to sustainability.
- 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 3020** (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: Any WC&IL II 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, 2020, 3010, 3020, or 3051.*



## AS – Aerospace Science

### AS 1010 (1)

#### **Foundations of the United States Air Force**

Study of the total force structure, strategic offensive and defensive, general purpose, and aerospace support forces of the Air Force in the contemporary world.

### AS 1011 (1)

#### **Initial Military Training I**

Laboratory consists of activities that focus and promote the Air Force way of life. Instruction will include leadership and followership development, teamwork, physical fitness training, and activities designed to build camaraderie and esprit de corps. Course is open to all majors.

### AS 1020 (1)

#### **Foundations of the United States Air Force**

Continuation of 1010

### AS 1021 (1)

#### **Initial Military Training II**

Laboratory consists of activities that focus and promote the Air Force way of life. Instruction will include leadership and followership development, teamwork, physical fitness training, and activities designed to build camaraderie and esprit de corps. Course is open to all majors.

### AS 2010 (2)

#### **Evolution of USAF Air and Space Power**

Study of Air Force heritage, Quality Air Force principles, ethics, and an introduction to leadership and group leadership problems. Application of written and verbal communication skills is included.

### AS 2011 (1)

#### **Field Training Preparation I**

Laboratory consists of preparing second-year AFROTC cadets with the skills needed to successfully complete AFROTC Field Training. Students will learn basic military skills, Field Training skills, and participate in physical fitness training.

### AS 2020 (2)

#### **Evolution of USAF Air and Space Power**

Continuation of 2010

### AS 2021 (1)

#### **Field Training Preparation II**

Continuation of 2011. CR/NC only.

*Prerequisite: Consent.*

### AS 2510 (1)

#### **Leadership Laboratory**

Laboratory on the basic skills of leadership and followership. Lab includes application of leadership/followership skills, various field trips to military installations, group projects, and physical training. Repeatable one time.

### AS 3510 (3)

#### **Air Force Leadership Studies I**

Integrated management course emphasizing the military officer as a manager in the Air Force, including individual motivational and behavioral processes, leadership, communication and group dynamics. A-F only.

### AS 3511 (1)

#### **Intermediate Cadet Leadership I**

Laboratory consists of demonstration of leadership and management skills needed to successfully function as an Air Force officer. Instruction will include lessons covering planning, organizational and communication skills, and the ability to use available resources to complete an assigned task.

### AS 3520 (3)

#### **Air Force Leadership Studies II**

Continuation of AS 3510. A-F only.

*Prerequisite: Must have completed AS 3510.*

### AS 3521 (1)

#### **Intermediate Cadet Leader II**

Continuation of 3511. CR/NC only.

*Prerequisite: must have completed AFROTC Field Training; or consent.*

### AS 4010 (3)

#### **National Security Affairs I**

Study of the national security process, regional studies, advanced leadership, ethics, and Air Force doctrine. Special focus placed on preparation for active duty and current issues affecting professionalism. A-F only

*Prerequisite: AS 3520 or consent. (Fall Only)*

### AS 4011 (1)

#### **Senior Cadet Leader I**

Laboratory consists of providing prospective Air Force officers opportunities to continue to develop leadership, managerial, and supervisory skills. Instruction will include preparation for active duty.

### AS 4020 (3)

#### **National Security Affairs II**

Continuation of AS 4010. A-F only

*Prerequisite: AS 4010 or consent.*

### AS 4021 (1)

#### **Senior Cadet Leader II**

Laboratory consists of providing prospective Air Force officers opportunities to continue to develop leadership, managerial, and supervisory skills. Instruction will include preparation for active duty. CR/NC only.

*Prerequisite: must have completed 3510 and 3521 or consent.*

## ASIA – Asian Studies

### ASIA 3950 (3)

#### **Asian and Pacific 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. **Capstone course.**

*Prerequisite: Any WC&IL II course and Junior or Senior standing.*

### ASIA 4900 (3)

#### **Asian and Pacific 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. **Capstone course.**

*Prerequisite: Any WC&IL II course and Junior or Senior standing.*

## 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 WC&IL I 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 2040** (3)  
**Microbes and Human Health**  
 A survey of the biology of microbes and their effects on human health designed to give health professionals an appreciation of the importance of microbes in our world as well as concepts of how to promote healthy microbial interactions and inhibit those that may lead to disease.  
*Prerequisite: BIOL 1000 or CHEM 1000.*
- BIOL 2041** (1)  
**Microbes and Human Health Laboratory**  
 As a foundation course for many healthcare disciplines, the laboratory experience endeavors to illustrate and apply the principles of microbiology and sterile technique. This course should be taken concurrently or following BIOL 2040. It will meet every other week in the lab to perform microscopy, isolations and plating illustrating the lecture material. The opposite weeks, the course will meet in the classroom to take quizzes, review and analyze laboratory-acquired data, with a focus on scientific writing for laboratory reports.  
*Prerequisite: BIOL 1000 or CHEM 1000*
- 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 530 or a math ACT of 24 or greater); a grade of C or better in any WC&IL I 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: Any WC&IL I or WC&IL II course.*

- BIOL 3010** (3)  
**Hawaiian Natural History**  
 The unique biota in marine, freshwater, and terrestrial habitats of the Hawaiian Islands: evolutionary history, ecology, and human impacts on Hawaiian ecosystems are focuses.  
*Prerequisite: BIOL 2052; any WC&IL II course.*
- BIOL 3012** (3)  
**Hawaiian Natural History Field Studies**  
 This field course surveys the geology, climate, and ecology of the island of O'ahu and explores the approaches for the integrated management of its terrestrial, freshwater and marine habitats. The course is structured around the ahupua'a concept, the traditional land divisions used for the integrated management of natural resources from mountain tops to coral reefs. Class activities integrate lectures, guest presentations by resource managers, and field trips to diverse native habitats. The prerequisite for this class is general knowledge of evolutionary biology and ecology.  
*Prerequisite: BIOL 2052 or equivalent.*
- 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; any WC&IL II course.*
- BIOL 3021** (1)  
**Plant Biology Laboratory**  
 Laboratory component of BIOL 3020.  
*Prerequisite: A grade of C- or higher in any WC&IL II course; BIOL 2053, 3020 or concurrent.*
- BIOL 3025** (1)  
**Algal Biology & Diversity Laboratory**  
 This course will accompany BIOL 4024 (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 WC&IL II 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 WC&IL II 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 WC&IL II 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** (1)  
**Human Anatomy Laboratory**  
 The Human Anatomy Laboratory course complements BIOL 3036 lecture. This course will enhance students learning and understanding of human anatomy by providing hands-on exercises and activities to explore human anatomy. The course will cover both gross anatomy and histology and utilize various learning tools including microscopy and dissection.  
*Prerequisite: BIOL 2053; recommend BIOL 3036 be taken concurrently.*
- 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 WC&IL II 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 WC&IL II 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 WC&IL II 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; any WC&IL II 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 WC&IL II course; BIOL 2052.*

**BIOL 3061 (1)**

**Marine Invertebrate Zoology Laboratory**

Laboratory component of BIOL 3060.

*Prerequisite: A grade of C- or higher in any WC&IL II 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 WC&IL II course; BIOL 2052.*

**BIOL 3071 (1)**

**Marine Vertebrate Zoology Laboratory**

Laboratory component of BIOL 3070.

*Prerequisite: A grade of C- or higher in any WC&IL II 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; any WC&IL II 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; any WC&IL II course.*

**BIOL 3170 (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; any WC&IL II course.*

**BIOL 3171 (1)**

**Cell and Molecular Biology Laboratory**

Laboratory component of BIOL 3170.

*Prerequisite: A grade of C- or higher in any WC&IL II course; BIOL 2053, BIOL 3170 or concurrent; CHEM 2053.*

**BIOL 3090 (3)**

**Biometry**

This course is designed to provide an introduction to experimental design, hypothesis testing, analysis of data and data presentation. Topics covered include ANOVA, regression and correlation analysis, experimental design, power analysis, and multivariate analysis. Instruction on statistical methods and theories will be enhanced by conducting analyses using SPSS software and examples drawn from the biological sciences.

*Prerequisite: Any WC&IL II course. Junior standing.*

**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: Any WC&IL II 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 4024 (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 and any 3000 level course in BIOL, CHEM, ENVS, GEOL or MARS; or consent of instructor.*

**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; any WC&IL II course.*

**BIOL 4041 (1)**

**Environmental Microbiology Laboratory**

Laboratory component of BIOL 4040.

*Prerequisite: A grade of C- or higher in any WC&IL II 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**

This course is designed to provide an introduction to experimental design, hypothesis testing, analysis of data and data presentation. Topics covered include ANOVA, regression and correlation analysis, experimental design, power analysis, and multivariate analysis. Instruction on statistical methods and theories will be enhanced by conducting analyses using SPSS software and examples drawn from the biological sciences.

*Prerequisite: A grade of C- or higher in any WC&IL II course; BIOL 2052; MATH 1123, 3323, or SOC 3200.*

**BIOL 4210 (3)**

**Neuroscience**

Examination of the organization and function of the nervous system at molecular, cellular and systemic levels.

*Prerequisite: BIOL 3170*

**BIOL 4220 (3)**

**Immunology**

An examination of immune system organization and function at molecular, cellular and systemic levels. Evolution and development of individual immunity, the role of the immune system in defense and disease, immune system dysfunction, and immunotherapeutic approaches to cancer and other diseases are among the topics that will be addressed.

*Prerequisite: BIOL 3170*

**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. **Capstone course.**

*Prerequisite: A grade of C- or higher in any WC&IL II 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.

**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.*

**BIOL 6210 (3)**

**Neuroscience**

Examination of the organization and function of the nervous system at molecular, cellular and systemic levels.

*Prerequisite: Graduate standing.*

**BIOL 6220 (3)**

**Immunology**

An examination of immune system organization and function at molecular, cellular and system levels. Evolution and development of individual immunity, the role of the immune system in defense and disease, immune system dysfunction, and immunotherapeutic approaches to cancer and other diseases are among the topics that will be addressed.

*Prerequisite: Graduate standing.*

**BUS – Business**

**BUS 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 WC&IL I course.*

**BUS 1040 (3)**

**International Travel and Tourism**

This course is designed to introduce students to the tourism and hospitality industry by examining the infrastructure, service and marketing in these industries. The course focuses on the interdependence of hotel/resorts, food and beverage establishments, attractions, casinos, meetings and conventions. Examples from Hawai'i and international destinations are used in class.

**BUS 1041, 1042, 1043 (1)**

**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 Hawai'i and international destinations are used in class.

**BUS 1050 (3)**

**Business in Global Markets**

This course 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 Hawai'i and around the world.

**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 Hawai'i 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.

*Prerequisite: A grade of C- or higher in MATH 1101; or placement into MATH 1105; or minimum Math scores ACT 21 or SAT 480; or passed MATH 0990.*

**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. Co-requisite: 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 WC&IL I 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; any WC&IL II 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.*

**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; any WC&IL II 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 WC&IL II 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; any WC&IL II course.*

**CHEM 3041 (2)**

**Quantitative Analysis Lab**

Laboratory component of CHEM 3040.

*Prerequisite: A grade of C- or higher in any WC&IL II 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 as 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 WC&IL II course; CHEM 2052.*

**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 4054** (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; any WC&IL II course.*
- 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. **Capstone course.**  
*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. **Capstone course.**  
*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.*
- CJ– Criminal Justice**
- CJ 1000** (3)  
**Crimes and Criminals**  
 This course looks at the patterns and correlates interpersonal and collective violence using the most contemporary research, theories, and cases. Today violence remains one of the most pressing issues facing not only American society, but throughout the world. The course looks at a variety of different yet connected forms of violence which include homicide, assault, rape, domestic violence, robberies, genocide, riots, lynching, and terrorism, among others. While engaging in individual and cooperative projects, students will consider the theoretical causes and explanations of the deviant behavior of infamous criminals that have plagued our American society.
- CJ 1500** (3)  
**Cyber Security**  
 This course explores developments and changes in the



practice of criminal justice brought about by technology and crime as well as the rapid technological change in computers and other internet access devices. Specific topics include: cybercrime, overview of the concepts and investigative requirements when dealing with cybersecurity, globalization of cybersecurity investigations, how different cybercrimes are committed, the rapid evolution of technology and its effects on crime, cybercrimes against persons, and criminal justice agencies involved in the investigation and prevention of cybercrimes.

**CJ 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 WC&IL I course*

**CJ 2050 (3)**

**Basic 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: A grade of C- or higher in any WC&IL II course.*

**CJ 2060 (3)**

**Justice Systems**

An overview of civil and criminal justice systems, processes, and personnel in the U.S. The course examines the processing of individuals through the civil and criminal justice system as well as the functions of investigators, prosecutors, plaintiffs' attorneys, defense counsel, judges, and court personnel within the criminal justice system.

*Prerequisite: PSCI 1400.*

**CJ 3000 (3)**

**Ethics and Justice**

The course explores the standards and codes of professional responsibility in various professions as well as examines the theoretical and philosophical basis of ethics and the standards of professional conduct and leadership applicable to justice and the other agencies. It also explores analysis and evaluation of ethical dilemmas, and roles of professional organizations. Emphasis is placed on the interrelated nature of ethics, morality, legal responsibility, and social issues.

*Prerequisite: Any WC&IL II course and any lower-division criminal justice course.*

**CJ 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: A grade C- or higher in WC&IL II course and any lower-division criminal justice course.*

**CJ 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: A grade of C- or higher in any WC&IL II course and any lower-division criminal justice course.*

**CJ 3310 (3)**

**Law Enforcement: Contemporary Issues**

The study of contemporary issues facing law enforcement agencies at the local, state, and federal levels. The course examines problems affecting regulatory and law enforcement organizations dealing with agency discretion, selective enforcement, investigations, and forensics.

*Prerequisite: A grade of C- or higher in any WC&IL II course and any lower-division criminal justice course.*

**CJ 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 WC&IL II course and any lower-division criminal justice course.*

**CJ 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 WC&IL II course and any lower-division criminal justice course.*

**CJ 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: A grade of C- or higher in any WC&IL II course and any lower-division criminal justice course.*

**CJ 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 WC&IL II course and any lower-division criminal justice course.*

**CJ 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: A grade of C- or higher in any WC&IL II course and any lower-division criminal justice course.*

**CJ 3540 (3)**

**Women, Minorities, and Justice**

A historical, political, and sociological study of the treatment of women and minority groups within the criminal justice systems in the United States. The course places special emphasis on historical stereotypes of, and changing perspectives toward, women and minorities.

*Prerequisite: A grade of C- or higher in any WC&IL II course and any lower-division criminal justice course.*

**CJ 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 WC&IL II course and any lower-division criminal justice course.*

**CJ 3600 (3)**

**Special Topics in Criminal Justice**

An examination of significant and controversial criminal justice topics currently faced by the criminal justice system, focusing upon contemporary issues which are projected to have a major impact upon the quality of life for the community and the ability of the criminal justice system to provide services to the community. This course can be repeated twice by the student if the topic of the course is different.

**CJ 4900 (3)**

**Seminar Criminal Justice**

This course serves to synthesize the knowledge gained from each course in the program. The course provides students with an integration of acquired knowledge of theory to practical approaches to solve practical problems in the criminal justice environment. Student will assess the impact of their education experiences on their professional competence and values, critical thinking and problem solving, communication, and information utilization and collaboration skills. Topics include problem solving, case study and analysis, teamwork, and professional writing. For students in their final year of study.

*Prerequisite: Advisor approval.*

**CJ 6700 (3)**

**Leadership and Ethics**

This course develops a framework for ethical thinking and reflection. The course emphasizes the moral, ethical and social responsibilities of administrative leaders, as well as the application of principles to organizational leadership behavior and decision-making. Students will also investigate current research trends regarding ethical issues in public service agencies, businesses, and other criminal justice contexts.

*Prerequisite: Graduate standing.*

**CJ 6710 (3)**

**Civil Liability and Civil Rights Challenges**

This course provides a comprehensive examination of the constitutional rights afforded to individuals. It examines how management decisions, implementation of regulations, and selective enforcement may result in civil rights challenges, violate and individual's due process and equal protection rights, and result in discriminatory and hostile work environment liability. Through legal theories and case authority, students will learn how the Constitution protects individuals against discriminatory action, civil liability based on negligence, respondent superior liability, and negligent hiring and supervising of these employees. Student will be able to recognize and implement rules and procedures to avoid

liability.

*Prerequisite: Graduate standing.*

**CJ 6720 (3)**

**Criminal Justice Organizations**

This course provides a comprehensive examination of the various agencies/organizations that play an important role in the criminal justice system. Students will learn what agencies/organizations are involved in the criminal justice system. Additionally, students will examine the organization and management structure, roles, and interrelationship and conflicts between these agencies/organizations. Through a comprehensive examination and potential internships with these agencies/organizations, student will gain a practical insight and experience of how these agencies/organizations are structured and operate.

*Prerequisite: Graduate standing.*

**CJ 6730 (3)**

**Contemporary Issues in Criminal Justice**

This course examines the scope of criminology based on global research and practical applications. Students will be expected to gain a deeper understanding of the fundamental issues surrounding police, courts and corrections, and the issues that are plaguing the systems. The ultimate goal of the course is to provide the student with a solid foundation for understanding contemporary issues in criminal justice system, and to encourage them to think critically about the role that the criminal justice system and its constituent parts plays in the exercise of social control in society.

*Prerequisite: Graduate standing.*

**CLST – Classical Studies**

**CLST 1000 (3)**

**Great Books, East and West**

War, brutality, compassion, love, despair, and hope are just a few of the enduring themes which stem from the foundational epics of eastern and western classical civilizations. This course explores some of those epics for the significance their stories had in antiquity and for the significance they retain for us. Readings may draw on the Iliad, Odyssey, Aeneid, Mahabharata, Heike Monogatari, Three Kingdoms, and other performed or inscribed narratives of classical cultures.

**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 WC&IL I 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 WC&IL II course.*

**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: Any WC&IL II course.*

**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: Any WC&IL II course and Junior or Senior standing.*

**CLST 4997 (1 to 3)**

**Directed Readings in Classical Studies**

Directed individualized readings.

**COM – Communication**

**COM 1000 (3)**

**Introduction to Communication Skills**

Building on communication theory, students reflect and collaborate to develop strategies for effectively dealing with relevant interpersonal challenges, including academic, relationship, employment, and intercultural communication. Public speaking and team communication skills are introduced and practiced to prepare students for success in their college and subsequent professional life. Activities intended to heighten awareness of self, others, context and career “realities” support students in identifying (or confirming) their major, thereby reducing uncertainty and frustration in the critical first year. Intended outcomes include significant growth in self-awareness and confidence as a result of increased competence in critical thinking and interpersonal communication.

**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 WC&IL I course.*

**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 WC&IL I course.*

**COM 2500 (3)**

**Sex, and Gender, in Communication Contexts**

Through communication processes we acquire culture which informs how we create and maintain our sexual identities and gender roles. These identities and roles have shifted greatly throughout time. This course examines the complexities of sex, gender, culture and communication throughout many cultures and time periods. Historical movements, scientific conventions, and cross-cultural exposure will be studied in terms of how they have shaped the cultural expression of gender. Students will study aspects of communication that have, throughout history, influenced individuals to behave in gender-specific, as well as culturally specific ways.

*Prerequisite: Any WC&IL I 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: Any WC&IL I 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 search findings regarding the effects of media upon attitudes and behavior. Media strategies, messages, outcomes, and campaigns are all covered.

*Prerequisite: Any WC&IL II course; COM 1000.*

**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: COM 1000.*

**COM 3250 (3)**

**Communication Research**

An introduction to the logic, concepts, process, and methods 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: COM 1000.*

**COM 3260 (3)**

**Film as Communication**

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: Any WC&IL I course.*

**COM 3270 (3)**

**Film Genre**

The study of genre offers a qualitative window onto how audiences perceive and evaluate cinematic form and content. Through the analysis of especially characteristic films, the course explores key topics in genre studies: notions of popular

and cultural value, how genres move across and between different media, and the ways that industrial, social, technological, and aesthetic factors shape the development, circulation, and reception of a film genre. Various “case-studies” are explored from year to year and may include: film noir, comedy, the musical, the Western, science fiction, the road movie, and others.

*Prerequisite: Any WC&IL II course.*

**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: COM 1000.*

**COM 3320 (3)**

**Persuasion**

An exploration of how persuasion influences us through the mass media, public relations, marketing, advertising, and culture.

*Prerequisite: COM 1000.*

**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.*

**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: COM 1000.*

**COM 3400 (3)**

**Communicating Professionally**

This course emphasizes epistemology and the basic processes 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: Any WC&IL I 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: Any WC&IL II 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 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: Any WC&IL II 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: COM 2000 or COM 2640.*

**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 3000, 3250.*

**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: Any WC&IL II 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: Any WC&IL II course; COM 3000.*

**COM 3780 (3)**

**Media Convergence**

This course offers training in understanding and managing the changing media landscape. The course examines the technical foundations of telecommunication systems such as the Internet, mobile phones, digital video, social media networks, haptic and immersive interfacing and other emerging communication technologies. Guest speakers who work in these fast-developing areas will be a feature of the course as students are guided toward both theoretical and practical negotiation of the emerging communication technosphere.

*Prerequisite: A grade of C- or higher in any WC &IL course.*

**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.

**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, 3680 or 3900.

**COM 6000 (3)**

**Communication Theory**

A survey course of communication theories with an emphasis on those that address persuasive methods from the rhetorical and social science perspectives. Theories address interpersonal, media, group and cultural communication situations. Students will develop skills as critical listeners and writers and become fluent in vocabulary for describing and analyzing persuasive messaging.

*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 6000, 6050 or concurrent enrollment. Graduate standing.

**COM 6050 (3)**

**Communication Research Methods**

Focuses on the theory and practices of writing and presenting communication research including the elements of conducting rigorous research and writing. The course explores various qualitative and quantitative methodologies including various techniques such as descriptive, contextual/historical and empirical analysis. Students also develop skills using various databases and communication research sources.

*Prerequisite:* 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 and 6050.

**COM 6070 (3)**

**Advanced Media Research**

This course focuses on methodologies and their applications, including survey, content analysis, and experiments. Data analysis features descriptive and inferential statistics frequently used in empirical research. This is an elective research course for students seeking working in mass communication disciplines.

*Prerequisite:* COM 6000, 6050 or concurrent enrollment. Graduate standing.

**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 and 6050. Graduate standing.

**COM 6085 (3)**

**Speech Making and Writing**

The history of and current trends in speechwriting and speechmaking with an emphasis on persuasion, the strategic employment of language, and the interface of speechmaking and technology. Students will learn and practice the art of effective speechmaking by studying both effective and inadequate models of oratory. Students will learn how to prepare various types of speeches for a variety of audiences and rhetorical situations, be they political, corporate, or professional.

*Prerequisite:* COM 6000, 6050 or concurrent enrollment. Graduate standing.

**COM 6100 (3)**

**Integrated Communication**

A survey of the dynamics, practices, and interrelationships among information outlets, consumers, and organizations 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 or concurrent enrollment. 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 or concurrent enrollment. 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 and health, gender, ethics, and management issues.

*Prerequisite: COM 6000 and 6050. 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, 6050 or concurrent enrollment. 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 crossing cross-cultural and world view boundaries.

*Prerequisite: COM 6000, 6050 or concurrent enrollment. Graduate standing.*

**COM 6315** (3)

**Tourism and Cross-Cultural Communication**

This course explores communicative/rhetorical, cultural, and political issues surrounding the experience of "tourism". People experience tourism differently: for some it is a leisure activity, for others, a form of inter-cultural encounter; for some, it is a development strategy, for others, another form of imperialism. From the viewpoint of this course, tourism offers an interesting window for understanding globalization, the culture of post/modernity and post-coloniality, and who we/they are. In advancing these issues, this course will highlight how communication/rhetoric plays a pivotal role in tourism.

*Prerequisite: COM 6000, 6050 or concurrent enrollment. 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 6350** (3)

**Events Planning**

This is a skills-development course where students explore the profession of special event planning via a service learning approach. Students will learn foundational concepts and professional skills through both application and theory. Topics include event coordination, strategic sponsorship, programming, marketing, communications, volunteer and vendor management, risk, management, research, and evaluation.

*Prerequisite: COM 6000, 6050, & 6650 (Completed or concurrent) Graduate standing and Director/Dean's Approval.*

**COM 6460** (3)

**Digital Graphic Design**

Students create digital designs and illustrations usable for web and print purposes. Graphic design principles and skills will be taught, as well as use of photography, color, type, etc. Students design such items as advertisements, posters, logos, newsletters, brochures, information graphics, etc.

*Prerequisite: COM 6000, 6050 or concurrent enrollment. 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. Students will also have an opportunity to assist faculty in the delivery of undergraduate courses at HPU.

*Prerequisite: COM 6000, 6050 or concurrent enrollment. Graduate standing.*

**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 execution.

*Prerequisite: COM 6000, 6050 or concurrent enrollment. Graduate standing.*

**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: COM 6000, 6050 or concurrent enrollment. 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: COM 6000, 6050 or concurrent enrollment. Graduate standing.*

- COM 6555 (3)**  
**Photojournalism**  
 Students assemble their own photojournalism portfolio as they complete assignments based on those of professional photojournalists in this digital photojournalism course. Students learn principles of photojournalism. Techniques, ethics, and legal considerations in photojournalism will be discussed. Students supply their own digital SLR cameras. Only digital SLR cameras approved by the instructor may be used for the course.  
*Prerequisite: COM 6000, 6050 or concurrent enrollment. Graduate standing.*
- COM 6580 (3)**  
**Social Media: Theory and Practice**  
 This course examines the modern media landscape of social media (e.g. Facebook, Twitter, Instagram...). Emphasis is on effectively using social media in marketing, journalism, P.R., politics, and civic engagement. Students will develop understanding of the role of social media in modern life and how to effectively, and ethically, use it.  
*Prerequisite: COM 6000, 6050, & 6650 (completed or concurrent enrollment.) Graduate standing and Director/Dean's Approval.*
- COM 6590 (3)**  
**Feature Film Screenwriting**  
 Students in this course study narrative design and screenwriting techniques. The course is project-oriented and the final deliverable is a feature-length screenplay. The course explores narrative pedagogy, story structure, character development, plot strategy, dialogue, and other screenwriting techniques. Participants engage in rigorous close textual analysis of their own and other screenplays.  
*Prerequisite: COM 6000, 6050 or concurrent enrollment. Graduate standing.*
- COM 6650 (3)**  
**Intellectual Property and Media Ethics**  
 Students will be exposed to a survey of major areas of media law: governmental regulation of political speech; defamation; privacy torts; news gathering rights, and intellectual property issues such as trademark, patent, copyright and fair use. This course concentrates on the interplay between new media, cutting-edge technologies, privacy, and other civil liberties. Students can expect to engage in a conversation about the ethical, cultural and political issues facing media.  
*Prerequisite: 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 and 6050. Graduate standing.*
- COM 6750 (3)**  
**Gender Communication**  
 Gender Communication studies how gender is produced through communication practices and cultural contexts. Students will gain competence in the theoretical traditions pertaining to gender and acquire analytical insight into cultural variance. This course will explore how social norms and gender expectations both construct and affect communication practices in interpersonal, intercultural, and organizational settings as well as how they are reflected, reproduced, and altered in mass media.  
*Prerequisite: COM 6000, 6050 or concurrent enrollment. 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: COM 6000 and 6050 or concurrent enrollment. Graduate standing.*
- COM 6770 (3)**  
**Media Criticism**  
 This course provides a focused survey of contemporary methods for the analysis and evaluation of mediated messages. Students will learn techniques for choosing a representative artifact and how to select relevant details and examples from the artifact to demonstrate how media communicate culturally and stylistically to a variety of audiences. Particular attention is given to emerging new forms of media and methods appropriate to their evaluation.  
*Prerequisite: COM 6000, 6050 or concurrent enrollment. 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: COM 6000, 6050 or concurrent enrollment. 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 or concurrent enrollment. Graduate standing.*
- COM 6990 (1 to 3)**  
**Nonpaid Internship**  
*Prerequisite: Graduate standing.*
- COM 6991 (1 to 3)**  
**Paid Internship**  
*Prerequisite: Graduate standing.*
- COM 7150 (3)**  
**Capstone I**  
 Initial design and development of the academic thesis or professional project.  
*Prerequisite: COM 6000, 6050, 6650 and advisor approval. Graduate standing.*

**COM 7250** (3)  
**Capstone II**  
Final preparation and presentation of the academic thesis or professional project. This will include an oral presentation and defense.

*Prerequisite:* COM 7150. 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.

## **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 will learn current technology for acquiring, analyzing, and sharing information; analytical skills to understand, organize, and analyze numeric and graphic data; and communication skills to convey information in a context appropriate to the receiving audience. Readings will initiate discussions of technology issues such as: cybersecurity, addiction to social media, ethics and privacy, and intellectual property issues in a global society. The course is presented in a global context with local details drawn from a variety of countries and cultures.

**CSCI 1061** (3)

### **Mobile Technologies for the 21st Century**

Learn to use mobile technologies and non-proprietary apps for your academic and personal productivity, and for broadening your information and technology literacy. In a project-based class, you work on realistic projects that focus your critical thinking and computational skills. The course work draws from the unique opportunities offered by mobile technologies to communicate, work collaboratively, and share knowledge. For example, you may use mobile technologies to survey subjects, use charts and spreadsheets to evaluate survey findings, and finally publish your findings in course websites. Readings and discussion will analyze the social impact of an always-on, always-connected world.

**CSCI 1611** (3)

### **A Gentle Introduction to Programming**

This course is a gentle introduction to creating computer programs using a popular and powerful programming language such as Python or Ruby. Programs tell computers, step by step, how to do the amazing things they do, such as special effects for movies, apps for smart phones, searches through websites, and control of robots. Programs can stimulate and help evaluate models of our world. Students learn problem-solving and critical thinking, crucial skills in college, careers, and life. Topics cover fundamental programming concepts including: variables and data types, conditional and iterative control structures, modularization with functions and parameters, and testing.

*Prerequisite:* Math 1105 or equivalent placement.

**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 1105 or equivalent placement.*

**CSCI 2301 (3)**  
**Discrete Math 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 equivalent placement; CSCI 1911 or equivalent placement.*

**CSCI 2761 (3)**  
**HTML, CSS and Web Design**

An introduction to web page and web site design. Students will learn the mechanics and aesthetics of a good web design and the best current practices within the evolving HTML and CSS standards. Additional topics, incorporating social media, search engine optimization (SEO), structuring an e-commerce friendly web presence, and using current blogging platforms such as WordPress or Drupal.

**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 1611 or 1911 or advisor approval; and MATH 1105 or higher.*

**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; CSCI 2301 or concurrent.*

**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, trees, binary search trees, heaps, heapsort, hashing, and recursion.

*Prerequisite: CSCI 2912; CSCI 2301.*

**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.*

**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 2911; CSCI 2301.*

**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 2913; CSCI 2301.*

**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.*

**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 1041, 1061, or 1534.*

### **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 2912; CSCI 3201 or 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: CS 2911; CSCI 2301; MATH 1123; MATH 1140 or 1150; and 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 2911. Recommended: CSCI 3201 or MIS 2000.*

### **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 2911; CSCI 2301; MATH 1123; MATH 1140 or 1150; and consent of instructor.*

### **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 2912; CSCI 2301; Recommended: Math 1123.*

### **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 3001; CSCI 2301.*

### **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 3501.*

### **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 file system 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 2301; 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 3401; CSCI 3601.*

### **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 2912; Recommended: 3301.*

### **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 2301.*

### **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 3911 (3)**  
**Software Engineering**

The course teaches software engineering techniques and system analysis methodologies based on the Software Engineering Body of Knowledge (SWEBOK) using Software as a Service (SaaS), Agile development methodologies, and Cloud based applications. This course covers Design Patterns, code version repositories and open source project software engineering methodologies, critical for every programmer. It also covers systems analysis and business analysis skills of talking to a customer, creating prototypes and alternative development methodologies.

*Prerequisite: CSCI 2912; CSCI 3211.*

**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 4620 (3)**  
**Computer System Forensics**

This course is an in-depth study of computer system forensics including methodologies used for analysis of computer security breaches. Forensics is the use of science and technology to investigate and establish facts in criminal or civil

courts of law. The student will be introduced to digital forensics and practiced by local, state, and federal law enforcement. Assignments will reinforce the theory presented in the lecture and will provide students with hands-on experience using well-known, publicly available, digital forensic tools. Students will work on one of two separate networks dedicated to cyber security teaching and research.

*Prerequisite: CSCI 3401; CSCI 3640; CSCI 3001 or 3501.*

**CSCI 4640 (3)**

**Advanced Topics in Cybersecurity**

A lecture and project-based course on advanced topics in cybersecurity. Students learn and apply the principles, skills, and art of building and defending a secure network. Topics address current issues in areas such as: ethical hacking, network defense, countermeasures, writing secure code, network penetration testing, and basic forensics. Students work in teams using contemporary tools to analyze hack, and defend network systems.

*Prerequisite: CSCI 3401; CSCI 3640; CSCI 3001 or 3501.*

**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 2301; CSCI 2911.*

**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, or 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**

Artificial intelligence (AI) is the study of the design of intelligent agents that are capable of reasoning, planning, and acting in a dynamic environment. This field encompasses logic, probability, and continuous mathematics; perception, learning, and everything from microelectronic devices to robotic planetary explorers. In this course, we will focus on the design of logic based intelligent agents by introducing topics such as knowledge representation, probabilistic reasoning, natural language processing, and logic programming. We will solve classic AI problems such as uncertainty, planning, diagnosis, and search and apply the solutions to solve problems not only in computer science but also in areas as diverse as biology, linguistics, philosophy, and art.

*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 2913; CSCI 3301; CSCI 3401; CSCI 37XX; CSCI 3911 or consent of the instructor.*

**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. **Capstone course.**

*Prerequisite: CSCI 2912; and consent of the instructor.*

**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.

**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.

**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; any WC&IL II 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; any WC&IL II 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; any WC&IL II 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 WC&IL II 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 WC&IL II 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 WC&IL II 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); any WC&IL II 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; any WC&IL II 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 WC&IL II 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 WC&IL II 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 WC&IL II 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 WC&IL II 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; any WC&IL II 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. **Capstone course.**

*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: ECON 2010 and MATH 1123, or equivalents. 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. 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 interrelatedness of economies of the world at various stages of development.

*Prerequisite: ECON 6000. 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. Repeatable for credit.

*Prerequisite: Graduate standing*

## ED – Education

### ED 3000 (3)

#### Foundations of American Education

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. Advisor approval required.

*Prerequisite: Advisor approval required.*

### ED 3040 (3)

#### Mathematics Concepts for Elementary Teachers

An introduction to teaching strategies that facilitate effective learning experience in mathematics classes. Major areas of focus include curriculum theory and practice, instructional design, classroom management, assessment of student learning, and reflective teaching.

*Prerequisite: Advisor approval required.*

### ED 3100 (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.

*Prerequisite: Advisor approval required.*

### ED 3200 (3)

#### Education Research and Writing

An introduction to the scholarship of teaching and learning. Engages teacher candidates in disciplined reflection about teaching and learning. Candidates conduct a literature review; develop a research plan; collect, analyze, and interpret data; and engage in action planning.

*Prerequisite: Admission to the B. Ed. in Elementary Education Program or consent.*

### ED 3300 (3)

#### Introduction to Teaching

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.

*Prerequisite: Advisor approval required.*

### ED 3310 (3)

#### Foundations of Culturally Based Education in Hawai'i

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: Completion of all General Education requirements and formally admitted into the School of Education.*

### 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.

*Prerequisite: Admission to the B.Ed. in Elementary Education Program or consent.*

### ED 3421 (3)

#### Reading for Elementary Education

An introduction to teaching strategies that facilitate effective learning experiences in reading classes. Major areas of focus include curriculum theory and practice, instructional design, classroom management, assessment of student learning, and reflective teaching.

*Prerequisite: Admission to the B.Ed. in Elementary Education Program or consent.*

### ED 3430 (3)

#### Foundations of English Language Learning

An introduction to teaching strategies that facilitate an effective learning experience for English Language Learners. Major areas of focus include curriculum theory and practice, instructional design, classroom and lab management, and assessment techniques.

*Prerequisite: Admission to the B. Ed. in Elementary Education Program or consent.*

### 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.

*Prerequisite: Admission to the B.Ed. in Elementary Education Program or consent.*

### 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.

*Prerequisite: Admission to the B.Ed. in Elementary Education Program or consent.*

### 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.

*Prerequisite: Admission to the B.Ed. in Elementary Education Program or consent.*

### 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.

*Prerequisite: Advisor approval required.*

- ED 3600** (3)  
**Foundations of Special Education**  
 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.  
*Prerequisite: Admission to the B.Ed. in Elementary Education Program or consent.*
- ED 4510** (3)  
**Elementary Clinical Experience Seminar**  
 This course is a capstone course for the Elementary Education major that provides an opportunity to examine the complexities of curriculum planning, teaching, classroom management, assessment, and synthesis of the clinical practice experience. Emphasizes reflective practice by providing opportunities for teacher candidates to interact with each other, receive continuous support from their professor and mentor teacher, prepare for licensing and employment, and complete their professional portfolios. **Capstone course.**  
*Prerequisite: Completion of all major courses for the B.Ed. degree and a passing score on the PRAXIS II Content Knowledge Test. Co-requisite: ED 4512.*
- ED 4511** (3-12)  
**Elementary Clinical Experience I**  
 This course is a capstone clinical practice course for the Bachelor of Education in Elementary Education. Full-time, supervised clinical practice 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.  
*Prerequisite: Completion of all major courses for the B.Ed. degree and a passing score on the PRAXIS II Content Knowledge Test.*
- ED 4512** (3)  
**Elementary Clinical Experience II**  
 This course is a capstone practice course for the Bachelor of Education in Elementary Education. Full-time, supervised clinical practice 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.  
*Prerequisite: Completion of all major courses for the B.Ed. degree and passing score on the PRAXIS II Content Knowledge Test. Co-requisite: ED 4510.*
- 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 6100** (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.  
*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 Hawai'i**  
 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 and science 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 6430** (3)  
**The English Language Learner**  
 An introduction to teaching strategies that facilitate an effective learning experience for English Language Learners. Major areas of focus include curriculum theory and practice, instructional design, classroom and lab management, and assessment techniques.  
*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 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 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 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 6510** (3)  
**Elementary Clinical Practice Seminar**  
 Provides an opportunity to examine the complexities of curriculum planning, teaching, classroom management, assessment, and synthesis of the elementary clinical practice experience. Emphasizes reflective practice by providing opportunities for teacher candidates to interact with each other, receive continuous support from their professor and mentor teacher, prepare for licensing and employment, and complete their professional portfolios.  
*Prerequisite: Successful completion of all required core courses. Passing score on the PRAXIS II Content Knowledge Test. Co-requisite: ED 6512.*
- ED 6511** (3-9)  
**Elementary Clinical Practice I**  
 Full-time, supervised clinical practice experience in a public or private elementary 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.  
*Prerequisite: Successful completion of all required core, field, and specialized courses. Passing score on the PRAXIS II Content Knowledge Test.*
- ED 6512** (6)  
**Elementary Clinical Practice II**  
 Full-time, supervised clinical practice experience in a public or private elementary 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.  
*Prerequisite: Successful completion of all required core courses. Passing score on the PRAXIS II Content Knowledge Test. Co-requisite: ED 6510.*
- ED 6520** (3)  
**Secondary Clinical Practice Seminar**  
 Provides an opportunity to examine the complexities of curriculum planning, teaching, classroom management, assessment, and synthesis of the secondary clinical practice experience. Emphasizes reflective practice by providing opportunities for teacher candidates to interact with each other, receive continuous support from their professor and mentor teacher, prepare for licensing and employment, and complete their professional portfolios. .  
*Prerequisite: Successful completion of all required core courses. Passing score on the PRAXIS II Content Knowledge Test. Co-requisite: ED 6522.*
- ED 6521** (3-9)  
**Secondary Clinical Practice I**  
 Full-time, supervised clinical practice experience in a public or private secondary 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.  
*Prerequisite: Successful completion of all required core courses. Passing score on the PRAXIS II Content Knowledge Test.*
- ED 6522** (6)  
**Secondary Clinical Practice II**  
 Full-time, supervised clinical practice experience in a public or private secondary 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.  
*Prerequisite: Successful completion of all required core courses. Passing score on the PRAXIS II Content Knowledge Test. Co-requisite: ED 6520.*
- ED 6605** (3)  
**Practical Research in Education**  
 An introduction to research methods and their application to real-world problems. Candidates study problems in education and learn research skills leading to a research proposal to address a problem.
- ED 6615** (3)  
**Contemporary Issues in Education**  
 This course examines current and emerging issues and trends impacting education. Inquiring into demographic shifts; globalization; technology, data-based decision-making; inclusion of diverse learners in American schools; and recent research on student achievement when influenced by race, gender, and poverty.
- ED 6620** (3)  
**Educational Assessment**  
 Focuses on formal and informal assessment strategies to be used by teachers of elementary and secondary students. Topics will include reliability, validity, bias, performance assessment, portfolios, affective assessment, standardized test score interpretation, and formative assessment. Particular attention will be given to practical applications of the assessment of learners within a particular classroom setting and curricular context.

**ED 6630 (3)****Teacher Leadership**

This course is designed to explore the field of ideas relating to leadership, human modes of communication, and personal relationships in the shaping of our social and professional relationships as educators. Teachers who work with students, parents, colleagues, community members and board members will discover the leader within them and learn how to communicate more effectively, and persuasively, with confidence and authenticity. In an eight-week format, participants are guided through various activities including reading, viewing, reflection, and investigations to further increase their knowledge and awareness of topics related to strategies for teacher leaders within our schools.

**ED 6660 (3)****Diversity and Social Change**

This course addresses methods for positively impacting social and cultural diversity and equity issues including the possible effects of culture, race stereotyping, family, socioeconomic status, gender, sexual identity, language, and values on student development and progress in the school setting. Course content and methodology emphasize small group activities, collaboration, and use of data to create equity for all students, with a focus on eliminating the achievement gap.

**ED 6670 (3)****Technology in Education**

This course provides students with a broad practical understanding of how to integrate emerging technologies into elementary and secondary classrooms. Students will take a constructivist approach to understanding education technology as articulated in the National Educational Technology Standards for Teachers, and become skilled in some of the many digital tools used in today's schools. In addition, students will be expected to address issues surrounding how to assist learners to be media literate, how to integrate media skills into classroom, and how to use media to enhance active learner-centered activity.

**ED 6695 (3)****Capstone Research**

Capstone course on the scholarship of teaching and learning. This course engages candidates in disciplined reflection 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: ED 6600.*

**ED 6700 (3)****The Exceptional Learner**

This course provides an overview of the different categories of exceptionalality with regard to students with special needs. Candidates will also be introduced to special education law, identification and placement procedures, current delivery systems, and basic philosophies and strategies relating to special education practice in an inclusion environment.

*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.*

**ENG – English****ENG 1101 (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.

**ENG 2000 (3)****The Art of Literature**

This course will introduce students to multiple ways of interpreting literature, selected from a variety of literary genres such as poetry, drama, fiction and creative nonfiction. Texts to be explored will be drawn from multiple cultures and time periods. In addition to studying and applying interpretative strategies, students will have opportunities to apply literary techniques by writing a creative piece in at least one of the genres studied.

*Prerequisite: Any WC&IL I course.*

**ENG 2100 (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 WC&IL I course, or any introductory literature course, or instructor permission.*

**ENG 2500 (3)****World Literature**

This course will introduce students to influential literary texts from different cultures and historical periods. Texts studied will include works originally written in English and works translated into English from both Western and non-Western traditions. Students will study a variety of literary forms (poetry, plays, novels, etc.) and genres (monster stories, utopias, murder mysteries, etc.) and explore how these different literary productions influence our understanding of the world and our place in it.

*Prerequisite: Any WC&IL I 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 writers.

*Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.*

**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: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.*

**ENG 3102 (3)****British Literature after 1800**

This course examines works in various genres – novels, plays, poetry, and essays – by British authors after 1800. The course will primarily include texts from the 19<sup>th</sup> century.

*Prerequisite: Any WC&IL II course (may be taken concurrently);*

or any ENG 2000-level course; or WRI 1150; or department approval.

**ENG 3122 (3)**

**American Literature**

Students will study selected American literature in several genres, with a primary emphasis on texts from the 19<sup>th</sup> century.

*Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.*

**ENG 3130 (3)**

**Topics in World Literature**

Students will study, and explore issues raised by, a variety of texts. Selections will include literature from both Western and non-Western traditions, and will address works translated into English as well as works originally written in English.

*Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.*

**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: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.*

**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: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.*

**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: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.*

**ENG 3150 (3)**

**Television Studies**

Television is often casually dismissed as mindless entertainment but it is also a powerful cultural form that shapes how people see the world. This course will focus on critical "readings" of television's past and present forms as well as its influence on literature, film, music, and digital media. Students will watch influential TV shows, examine different TV genres (sitcoms, talk shows, news programming and "reality" TV), read representative scripts and teleplays, and study the evolution of the medium of television from its early beginnings up to its current integration with other forms of digital

communication.

*Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.*

**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: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.*

**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 sociocultural factors shape responses to humor, and gain a deeper understanding of British literature, culture, and the multiple dimensions of humor.

*Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.*

**ENG 3223 (3)**

**Special Topics in Asian Literature**

This course explores themes in selected literary texts from various regions of Asia. The particular emphasis varies. Repeatable for a total of six credits when the focus has changed.

*Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.*

**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: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.*

**ENG 3226 (3)**

**Special Topics in Hawai'i-Pacific Literature**

This course thematically explores the poetry, fiction, drama, film, and other literary texts of Hawai'i and the Pacific. The particular emphasis varies. Repeatable for a total of six credits when the focus has changed.

*Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.*

**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: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.*

- ENG 3228 (3)**  
**Fantasy Literature**  
 This course explores how literature uses the fantastic to reflect on the human condition, question dominant cultural ideologies, and imagine the real world otherwise.  
*Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.*
- 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. Repeatable for a total of six credits when the focus has changed.  
*Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.*
- 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: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.*
- 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: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.*
- 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: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.*
- 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: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.*
- 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: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.*
- ENG 4100 (3)**  
**Shakespeare Seminar**  
 A critical study of Shakespeare, taking into account the cultural, historical, and literary context in which he wrote. Several plays are studied, along with selected critical approaches. **Capstone Course.**  
*Prerequisite: HUM 3900 and two upper-division ENG or WRI courses; or department approval.*
- ENG 4120 (3)**  
**Seminar in Modernism**  
 The forms and themes particular to the modernist movements through the works of selected representative writers. Innovations in narrative technique, the movement away from traditional plot, and social criticism are emphasized. **Capstone Course.**  
*Prerequisite: HUM 3900 and two upper-division ENG or WRI courses; or department approval.*
- ENG 4300 (3)**  
**Seminar in Textual Criticism**  
 An exploration of diverse approaches to the analysis of texts. Students will study and apply key concepts regarding significant movements in the development of literary theory. **Capstone course.**  
*Prerequisite: HUM 3900 and two upper-division ENG or WRI courses; or department approval.*
- ENG 4320 (3)**  
**Seminar on Postcolonial Literature**  
 The study of literature written in English by authors from countries or territories that have experienced colonization, and the application of various postcolonial theories to the analysis of selected postcolonial texts. This literature often addresses situations encountered by indigenous people and their relationship to colonizing forces, how they adapt to encroaching cultures, how they will pursue their own rule after independence, and how postmodern global society affects the development of culture. **Capstone Course.**  
*Prerequisite: HUM 3900 and two upper-division ENG or WRI courses; or department approval.*
- ENG 4901 (3)**  
**Senior Thesis I**  
 Part one of a two-part capstone experience that requires an extensive research paper (approximately 50 pages) on a special topic in English, or a substantial creative project. The student is required to spend two semesters on the project. The first semester is devoted to designing the project, conducting research, constructing a reading list or working bibliography, and making notes on the readings in consultation with the instructor. Completion of an outline and a draft of one chapter is a typical goal by the end of the first semester. A thesis committee with be selected by the semester's end.

## Capstone course.

*Prerequisite: HUM 3900 and two upper-division ENG or WRI courses; or department approval.*

### ENG 4902 (3) Senior Thesis II

A continuation of ENG 4901. The student undertakes writing and defense of the thesis. **Capstone course.**

*Prerequisite: HUM 3900 and two upper-division ENG or WRI courses; or department approval.*

### ENG 4910 (1) English Major Portfolio Capstone

In this Directed Study capstone to the English major, students compile their best work into a portfolio and reflect on their progress in the major. Students will meet individually with the Portfolio Advisor to determine the final contents of the Major Portfolio, select what they consider the best six artifacts (or more if desired), and write a reflective essay that makes connections among courses, evaluates their progress as majors, and describes their major work as a whole. **Capstone course.**

*Prerequisite: HUM 3900 and two upper-division ENG or WRI courses; or department approval.*

## ENGE – Electrical Engineering

### ENGE 1000 (3) Introduction to Engineering Systems and Professional Practice

A general introduction to the field of engineering including: basics of engineering components, processes, systems and professional practices. An overview of engineering systems in a range of disciplines, including electrical, mechanical, biomedical and biotechnological, provides foundations for engineering system analysis and problem-solving, in addition to management and industry practice. The subject examines innovations in engineering, as well as application of the Engineering Code of Ethics. The seminar component will involve written and verbal presentations, with individual and team components, on topics within the wider engineering disciplines.

*Prerequisite: MATH 1105 or higher.*

### ENGE 2000 (3) Linear Circuits and Systems

Linear electrical circuits and systems, with topics including: energy storage and passive circuit elements, dependent and independent sources, circuit analysis techniques, basic operational amplifiers circuit analysis and feedback, impedance, first and second order circuits, phasors, frequency response, Bode plots, Laplace Transfer and Fourier Series, and magnetically coupled circuits. Students will apply circuit theorems to analyze networks with mixed sources, transient and steady state response of circuits, ac circuits with phasor techniques, the frequency response of a system, and apply Laplace and Fourier methods for circuit analysis.

*Prerequisite: ENGE 1000 and MATH 2215. Co-Requisite: ENGE 2001. Restricted to Engineering majors.*

### ENGE 2001 (1) Linear Circuits and Systems Laboratory

Application of basic electrical measurement to circuit elements and configurations. Students will use record and display instruments during analogue circuit analysis to determine their characteristics and measurements. Students will communicate their findings in laboratory notebooks and reports.

*Co-requisite: ENGE 2000. Restricted to Engineering majors.*

## ENGR – Engineering

### ENGR 2600 (3)

#### Engineering Statics

This course introduces the basics of engineering mechanics through the analysis of forces acting on particles and rigid bodies in static equilibrium. Statics is fundamental to Civil and Mechanical Engineering, and has applications in many other areas of engineering. Subject covered: equivalent systems of forces, moments and resultants; analysis of trusses, frames, and machines; centroids, moments of inertia; friction. *Prerequisites: C or better in MATH 2214, PHYS 2050. Recommended: MATH 2215, PHYS 2052.*

### ENGR 3600 (3)

#### Engineering Dynamics

This course is the second in a two-lass sequence of engineering statics and dynamics. Engineering Dynamics deals with the dynamic motion of particles and rigid bodies. Subjects covered: kinematics, force and acceleration, impulse momentum, work and energy, kinetics of 2-D rigid bodies, and vibrations. This course will also introduce students to the fundamental canons of the practice of engineering: public welfare responsibilities, areas of competence, public vs. employer responsibilities and lawfulness of duties. *Prerequisite: C or better in ENGR 2600, MATH 2215, and MATH 2216. Recommended: PHYS 2052 (may be taken concurrently).*

## ENVS – Environmental Science/Studies

### ENVS 1000 (3)

#### The Sustainability Challenge

What is sustainability and what challenges are we facing now and in the future? What is my impact and what can I do about it? In the course, students will learn about the “three-legged stool” (economic, environmental, and social) of sustainability and how to use systems thinking to better understand the complex natural and human systems we rely upon for food, water, energy, business, etc. Students will “take the sustainability challenge” and measure their own current impacts and compare them to their impacts after taking actions to be more sustainable. The collective results will then be used to propose action plans to inspire others on campus and in the broader community to do the same.

### 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.

### ENVS 1030 (3)

#### Tropical Ecology and Sustainability

This is a field-based course looking at tropical environmental systems and sustainability through a field trip to one of the Hawaiian Islands or Costa Rica. The field trip provides an overview of natural history and the science of tropical ecosystems, human history and culture, and sustainability through experiential and place-based learning. There are pre- and post-field trip activities in addition to the field trip.

*Repeatable up to 12 credits.*

### 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 1500 (3)

#### Natural Disasters

The Earth experiences natural disasters as a result of volcanic eruptions, earthquakes, landslides, flooding, storms, drought



and wildfires. These events dramatically impact humanity and the environment. Increasing population and poor land use practices compound the effects of natural disasters. This course is designed for undergraduate students of any major who are interested in understanding natural disasters and how we can minimize the dangers and damages of these events. We will review case histories of recent and historical events, focusing on how forecasting, prediction, warning systems, education, and planning can reduce human vulnerability to natural disasters.

**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.

**ENVS 2001 (1)**  
**Principles of Environmental Science Laboratory**

Laboratory and field component of ENVS 2000.

**ENVS 3000 (3)**  
**Sustainability and the Environment**

Sustainability offers a rich framework for addressing complex human-environment interactions within our society; environmental science provides a basis for inquiry into how those interactions shape and are shaped by ecosystems. This course uses both to examine the nexus between human innovation and consequent ecological impacts (both negative and positive) as related to current and often controversial environmental and social issues. The goal of the course is to provide students with not only an understanding of the basic science behind the issues, but also an ability to think across disciplines to assess how these issues might be addressed sustainably.

*Prerequisite: Any WC&L II 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, and CHEM 2052.*

**ENVS 3003 (1)**  
**Applications of Environmental Science Laboratory**

Laboratory and field component of ENVS 3002.

*Prerequisite: ENVS 2001.*

**ENVS 3010 (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 3020 (3)**  
**The Environmental Policy Process**

Students will examine the environmental policy making process from different points of view, whether as an environmental scientist or citizen activist, at different government levels (city, state or federal), and across different media (air, water, waste). Students will gain a practical understanding of existing environmental policies as well as the process by which new environmental policies are proposed, designed, implemented and evaluated. An understanding of

the process helps students to identify opportunities to advocate for environmental change.

*Prerequisite: ENVS 2000 or 3000.*

**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 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 3002.*

**ENVS 4030 (3)**  
**Applied Geographic Information Systems**

The availability of digital geographic information has resulted in a need for professionals in many disciplines to use these data to benefit humanity and nature. This course will provide a practical, hands-on approach to spatial data analysis using Geographical Information Systems (GIS) as applied to the natural sciences or your field of study. The project-based nature of the course will encourage undergraduate students to identify and analyze a spatial problem of their choice.

*Prerequisite: Senior or graduate status or permission of the instructor.*

**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; any WC&L II 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.  
**Capstone course.**  
*Prerequisite: ENVS 3002.*
- 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.*
- 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.*
- 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 6020 (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 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 date 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: GEOG 4700 or permission of instructor. Graduate standing.*
- ENVS 6070 (3)**  
**Conservation and Sustainability in the Tropics**  
 This summer graduate course consists of a two-week travel

component to a tropical ecosystem, after a four-week online introduction to the issues and questions involved in understanding the impact of humans on tropical ecology and sustainability. Students will examine how human values and choices affect tropical ecosystems, conservation and sustainability so they can develop their own perspective from their experiences, culminating in a final assignment and discussion submitted after returning home.

*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 macroscope, 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 6300 (3)**  
**Modeling and Simulation**

This course introduces concepts of analytic modeling and computer simulation to improve and assist in the understanding of and decision-making about environmental systems. Topics include: introduction of modeling and simulation concepts; review of relevant math and statistics; extensive hands-on use of computer tools; and application to a variety of environmental problems.

*Prerequisite: Graduate standing or permission of instructor.*

**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; any WC&IL II 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: ACCT 2000 and FIN 3000, or equivalents. 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. 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: FIN 6300. 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 6445 (3)**

**Financial Management in Healthcare**

This course introduces MBA and professional students to healthcare's dynamic financial landscape and covers all aspects of the field's unique accounting/finance issues, reimbursements, coding, billing and budgeting as well as the complex regulatory environment in healthcare. The student may tailor the course to specific needs.

*Prerequisite: ACCT 6000, FIN 6000 and MGMT 6050. 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: 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: 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. Repeatable for credit.

*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.

**GEOG – Geography**

**GEOG 1000**

**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)**

**Visualizing Human Geography**

GEOG 2000 introduces students to critical thinking from a human geography perspective. Students engage this perspective through innovative assignments using Google Earth and other media, as well as through a final project that emphasizes a multi-methodology approach to the study of urban place. This class is intended to introduce students to a uniquely geographic way of understanding the world and, more importantly, it is intended to serve as a foundation for all future studies and professional endeavors.

*Prerequisite:* Any WC&IL I 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 WC&IL I 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 socio-geographic 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:* Any WC&IL II 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 3600 (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:* Any WC&IL II 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 geographic 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)  
**Volcanoes: Effects on Humanity and the Environment**  
 This course explores the different types of volcanoes on Earth. Case studies of historical and prehistorical eruptions will examine the effects of volcanic eruptions on humanity and the environment. Planning and prediction of volcanic eruptions will be investigated. There will be a field trip to the Island of Hawai'i to observe recent and active volcanic activity.  
*Prerequisite: GEOG 2000; may be taken concurrently.*
- GEOL 3020** (3)  
**Hydrogeology**  
 Quantitative treatment of the freshwater components of the hydrologic cycle including stream flow, ground water flow, and water quality.  
*Prerequisite: CHEM 2050; MATH 2214; GEOL 2000 is recommended.*
- GEOL 3030** (3)  
**The History of Life and the Earth**  
 This course explores the history of life and of planet Earth recorded in the rocks and fossils from the ocean and continents. We will investigate topics such as early Earth, the earliest life forms, emergence and diversification of life forms through geologic time, continental drift, geomagnetic reversals, paleoenvironments, the study of fossils, mass extinctions, dinosaurs, and the evolution of mammals.  
*Prerequisite: GEOG 2000; may be taken concurrently.*
- 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 WC&L II 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 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)**  
**Seminar in Environmental Governance**

Increasingly, citizens, civil society institutions, and international governmental organizations are playing crucial roles in environmental and natural resource management. This shift of power away from states, both “upward” to the international level and “downward” to citizens, begs several questions: What roles should the various actors play in these multi-level governance systems in order to ensure the most favorable, and most just, environmental and social outcomes? To what extent can they work together to achieve mutual, or at least mutually-compatible, goals? Is it necessary, even productive, for groups to maintain their own identities and distinct agendas, nurturing not a stifling consensus but a perpetual – yet respectful – debate? This seminar course will engage with these questions.

*Prerequisite: Graduate standing.*

**GLSD 6002 (3)**  
**Sustainable Community Development**

Sustainable Community Development provides students with the knowledge, skills, and concepts for enabling communities to self-organize for sustainable development. Students will learn to lead community development initiatives aimed to empower communities to develop themselves sustainably. They will also learn to assess and compile actionable knowledge and use that knowledge to design interventions that lead to sustainable community practices through collaborative relationships with community members.

*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)**  
**Industrial Ecology and Sustainability**

Industrial Ecology and Sustainability is the systematic study of the global, regional and local material and energy flows of industrial production systems as they interact with the environment and human communities. Ecological science concepts are used to redesign the primary features of the modern production system, including: energy consumption, renewable and non-renewable materials consumption, pollutant effluents, cost externalization and solid waste

generation. Analytical tools covered are: life cycle assessment, materials flow analyses, waste flow analyses, environmental performance metrics, and design for environment tools.

*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)**  
**Sustainability Strategies and Indicators**

Institutions and organizations are increasingly faced with the challenge of embedding sustainability into their strategies and then assessing the success of those strategies using relevant sustainability performance indicators and metrics. Students will learn strategic planning techniques, including futuring, visioning, forecasting and backcasting. Sustainability indicators and metrics will be studied to assess each type of strategy. Emphasis is placed on the monitoring and reporting on the trends and interaction associated with sustainable strategies.

**GLSD 6500 (3)**  
**Ecological Economics and Sustainable Development**

Ecological economics is a relatively new, trans-disciplinary field that studies the interdependency between the human economy and natural ecosystems. Its premise holds that the economy is a subset of the larger and finite ecosystem that sustains it, such that the unlimited economic growth desired in traditional neoclassical economics is physically impossible. This course will closely examine the emerging field of ecological economics, compare and contrast it with the neoclassical economic model, and relate the underlying principles to current environmental issues, all within the context of the goals of sustainable development.

*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 to 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 designed to benefit the host institution as well.

*Prerequisite: Graduate standing.*

**GLSD 6997 (3)**  
**Directed Readings in Global Leadership and Sustainable Development**

Directed individualized readings.

*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 program in Global Leadership and Sustainable Development.

*Prerequisite: SOC 3100, 3200, and GLSD 6005. Graduate standing.*

**GLSD 7200 (3)**  
**GLSD Professional Paper II Capstone**

Follow on to the GLSD 7100 Professional Paper I to complete the professional paper. Finalize and formalize the development of the major research project for students in the MA program in Global Leadership and Sustainable Development.

*Prerequisite: GLSD 7100. Graduate standing.*

**HAWN – Hawaiian**

**HAWN 1100 (4)**  
**Beginning Hawaiian I**

An introduction to written and spoken Hawaiian, as well as various aspects of traditional Hawaiian culture. This is the first semester of a two-semester sequence.

**HAWN 1200 (4)**  
**Beginning Hawaiian II**

An introduction to written and spoken Hawaiian, as well as various aspects of traditional Hawaiian 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 Hawaiian 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 Hawaiian culture. This is the second semester of a two-semester sequence.

*Prerequisite: HAWN 2100.*

**HIST – History**

**HIST 1001 (3)**  
**Traditions and Encounters: World Cultures to 1500**

This course is an interpretative survey of the development of cultures from prehistoric times to A.D. 1500. Students will analyze the characteristics of human societies, explore how human cultures have interacted with each other over time and investigate the evolution of global exchange and the ideas, concepts and phenomena that have connected and divided people across regional boundaries and time.

**HIST 1002 (3)**  
**Global Crossroads, 1500 to Present**

This course engages students in the study of modern world history in order to achieve a more critical and integrated understanding of global societies and cultures during the past five hundred years. Students will explore developments in Africa, Asia, the Americas, and Europe; consider the interaction of the West and non-West and the eventual domination of the West after 1750; investigate the origins and outcomes of world war, revolution, and genocide in the 20<sup>th</sup> century; trace the disintegration of western empires after World War II; and ponder the global challenges of the post-Cold War era.

**HIST 1401 (3)**  
**American Stories: Themes in American History to 1877**

This course provides a survey of American History while identifying and focusing upon particular themes which characterized the founding of the United States through the period of Reconstruction after the Civil War. Themes covered might include the evolution of American identity, politics and citizenship, Americans and the land, warfare and conflict in the shaping of America, inequality and dissent or liberty and slavery. Students will explore the negotiation of values, beliefs, and cultural practices which was worked through during the early period of American history with a view to better understanding the foundations of modern, multicultural America.

**HIST 1402 (3)**  
**The American Experience, 1865 to the Present**

This course is an introduction to United States History from the end of the Civil War to the present. This course will explore major themes in American history, emphasizing the people, events, and antecedents that have most influenced our world today. As part of the American Experience, we will examine topics such as the everyday lives of ordinary Americans; the rise of great cities and corporations, America's response to depression and war; the problems of a post-industrial and post-Cold War age; and the impact of modern conditions of America's traditions, values, and institutions.

*Prerequisite: Any WC&IL I course (may be taken concurrently).*

**HIST 1558 (3)**  
**Living History of Hawai'i**

This cross-disciplinary course focuses on aspects of the history of the Hawaiian Islands from the arrival of Captain Cook in 1778. It includes interdisciplinary perspectives from history, museum studies, and preservation studies. In addition, the course includes experiential learning in the form of, for example, historic site visits and/or service learning. Instructors may focus on different time periods such as the monarchy era, the territorial period, and from statehood to the present. Instructors may also take different approaches including perspectives from political, social, cultural, military, or diplomatic history.



- HIST 1717** (3)  
**Reacting to the Past**  
 Students engage critically with major ideas and texts through a series of elaborate historical “role playing” games. This course will immerse them in moments of cultural and political crisis in a variety of cultures and time periods, such as ancient Greece, revolutionary France, and American on the eve of World War I.
- 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 WC&IL I 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 WC&IL I 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 WC&IL I 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 WC&IL I 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 WC&IL I 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: Any WC&IL II 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: Any WC&IL II 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 WC&IL I 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 WC&IL I 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 2999** (3)  
**Special Topics in History**  
 This course addresses unique and special topics. Consequently both course content and instructor will vary. Possible topics could include, for example: the world at war; history of gender; special topics in world history; aspects of the American experience; the Asia-Pacific; or other thematic topics.  
*Prerequisite: Any WC&IL I course*
- 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: Any WC&IL II course.*

- HIST 3070** (3)  
**Sex in 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: Any WC&IL II 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: Any WC&IL II course.*
- 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: Any WC&IL II course.*
- 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: Any WC&IL II course.*
- 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: Any WC&IL II course.*
- 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: Any WC&IL II course.*
- 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: Any WC&IL II course.*
- 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 WC&IL II 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: Any WC&IL II 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: Any WC&IL II 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: Any WC&IL II 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: Any WC&IL II 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 WC&IL II 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 WC&IL II 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 WC&IL II 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 WC&IL II 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 WC&IL II course.*

**HIST 3411 (3)**

**U.S.: 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: Any WC&IL II course.*

**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 WC&IL II course.*

**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: Any WC&IL II course.*

**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: Any WC&IL II course.*

**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: Any WC&IL II course.*

**HIST 3465 (3)**

**U.S. - 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 WC&IL II 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: Any WC&IL II course.*

**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: Any WC&IL II 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: Any WC&IL II 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: Any WC&IL II course.*

**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: Any WC&IL II course.*

**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: Any WC&IL II 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: Any WC&IL II course.*

**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: Any WC&IL II course.*

**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, form 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 WC&IL II course.*

**HIST 3655 (3)**

**Bubbles, Panics, and Depressions: A World History of Economic Crisis**

This course will study the recurring economic crises in world history since 1500. The class seeks to understand the causes of economic crises within the context of the rise of mercantile capitalism from 1500-1800, post-mercantilist capitalism in the 19th century and early 20th century and the rise of free market capitalism of today's world. The course will explore the ideological foundations of capitalism and the debates between Keynesianism and Neo-Classical economics to explain the origins of economic crises and their solution. Then students will study recurring crises over time and in different parts of the world.

*Prerequisite: Any WC&IL II course.*

**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: Any WC&IL II course.*

**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: Any WC&IL II 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: Any WC&IL II course.*

**HIST 3668 (3)**

**Military History of Hawai'i**

This course examines the Military History of Hawai'i from the time of the unification of the Hawaiian Kingdom to present. A "new military history" approach will be used that emphasizes institutions as well as "battle studies". The course content is organized around field study visits of significant battlefield and historical sites in Hawai'i.

*Prerequisite: Any WC&IL II course.*

**HIST 3670 (3)**

**Racism, Violence, and Genocide in Modern World History**

This course examines the emergence, evolution, varieties, and causes of the systematic exclusion of, and violence towards, populations defined by ethnicity, nationality, or race. Initially it examines instances of mass violence within the context of pre-20th century European imperialism and explores contested categories of ethnicity, nationality, and race. The second half explores cases of 20th century violence involving mass murder, "ethnic cleansing", and war crimes. The course culminates by studying the impact of 21st century global terrorism, its effects on the nationstate and its citizens, and the role of the international community in preventing future genocide.

*Prerequisite: Any WC&IL II course.*

**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: Any WC&IL II 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: Any WC&IL II course.*

- HIST 3777** (3)  
**Hawai'i in World History**  
 This course will examine how Hawai'i became integrated into global networks through its experience of trans-Pacific migrations, the rise and fall of the global whaling and sandalwood industries, the arrival of missionaries, the advent of colonialism, the rise and fall of its uniquely outward looking monarchy, its engagement in global conflict and the global context in which Hawaiians formed their unique cultural values, performance art, and music admired around the world.  
*Prerequisite: Any WC&IL II course.*
- 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 WC&IL II 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: Any WC&IL II course.*
- 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 multicultural setting.  
*Prerequisite: Any WC&IL II 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 Suntze, 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. **Capstone course.**  
*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. **Capstone course.**  
*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. **Capstone course.**  
*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." **Capstone course.**  
*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 historiographic 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 History: Methods, Approaches & 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 the 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 6650** (3)  
**Oil: History, Security and Sustainability**  
 This course will explore the history of oil, its growth as a crucial strategic commodity and questions about whether the current world oil system is sustainable. Students will study the dominance of Western oil companies, the struggle of nations to secure access to oil, and oil sustainability.  
*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 issues 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 6667** (3)  
**Modern American Cultural Diplomacy: "A Diplomacy of Peoples"**  
 This seminar explores the power and global influence of modern American cultural diplomacy. Students will study the diplomacy of private citizens and cross-cultural encounters to understand public perception and opinion as well as U.S. governmental projection of cultural power abroad. We will study the rise of U.S. nationalism/internationalism, the growth of U.S. power in continental expansion and the Spanish-American War, interwar citizen activism, public opinion and World War II, post-war occupations and reconstructions, the rising influence of internationalism, the UN, and human rights, as well as the impact of the Cold War, developmentalism, third world revolutions, and rapid globalization.  
*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 6680** (3)  
**History of Military Thought**  
 A seminar that examines the role of military theorists throughout history and their impact both on the military and political establishments. Some of the theorists who may be considered include Sun Tze, Machiavelli, Clausewitz, Jomini, and Mahan, and their impact on both strategy and policy is discussed.  
*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 6990** (1-3)  
**Nonpaid Internship**  
 See Internship section
- HIST 6991** (1-3)  
**Paid Internship**  
 See Internship section
- 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 7101 - Teaching and Research Methods.  
*Prerequisite: Graduate standing.*
- HIST 7601** (3)  
**Seminar: Research Methods in Diplomacy and 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)  
**Capstone Seminar: Writing in Diplomacy and Military Studies**  
 A capstone seminar in which students, under the supervision of the course instructor, research and write their MA-DMS thesis on the topic and with the two faculty mentors approved in HIST 7601. **Capstone course.**  
*Prerequisite: Graduate standing.*
- HIST 7603** (1-9)  
**Capstone Seminar: Thesis Writing in Diplomacy and Military Studies**  
 A continuation of the HIST 7602 capstone seminar in which students under the supervision of the course instructor, research and write their MA-DMS thesis on the topic and with the two faculty mentors approved in HIST 7601. **Capstone course.**  
*Prerequisite: Graduate standing.*
- HMLD – Homeland Security**
- HMLD 1000** (3)  
**Introduction to Homeland Security**  
 This course focuses on a comprehensive overview of homeland security and identifies the important components of homeland security. Students review the roles and responsibilities of government agencies, non-governmental organizations, and individual citizens in homeland security. The student will explore the historical events that have impacted homeland security as well as the threats to homeland security, including natural and technological disasters, intentional threats of domestic and international terrorism. Other key issues addressed are civil liberties and diversity, relationship to public safety, private security.
- HMLD 2000** (3)  
**Disaster Preparedness & Response**  
 This course considers various concepts, theories, principles, programs and requirements of emergency preparedness, governmental planning, practices, exercises, and hazard/ risk assessment. An overview of the relationship of preparedness to response, emergency operations, incident command systems and the role of the private sector will also be provided.  
*Prerequisite: Any WC&IL I course.*

**HMLD 2100 (3)**

**Dimensions of Terrorism**

This course is designed to introduce and examine domestic as well as international terrorism and present the historical, philosophical, theoretical, cultural, psychological, religious, political, and ideological motives for terrorism. It will also briefly consider methods of dealing with terrorism.  
*Prerequisite: Any WC&IL I course.*

**HMLD 2900 (3)**

**Careers in Homeland Security**

This course will give students an overview of the different job tasks used primarily in the field of Homeland Security. It will focus on the structure and development of various careers within the field of Homeland Security. It also is designed to assist students in understanding the employment options available to them as well as the development of programs and policies within the workplace.  
*Prerequisite: Any WC&IL I course.*

**HMLD 6000 (3)**

**Homeland Security**

This course provides wide-ranging coverage of the most important themes related to homeland security at the graduate level. This includes an overview of the discipline with special focus on the administrative aspect of the core elements of homeland security such as emergency management, homeland defense, terrorism, gathering and usage of intelligence, legal implications of homeland security, risk management, consequence management, and interagency collaboration management skills. *Prerequisite: Graduate standing.*

**HON – Residential Honors Program**

**HON 1000 (4)**

**Freshman Honors Seminar I: Beginning Honors**

This seminar introduces students to the college, and the honors program, experience. With a focus upon developing writing proficiency and through the interdisciplinary investigation of a specific topic, the course is designed to orient students to higher-level academic work and to examine the relationship of the life of the mind to the world outside college. All honors students must take this course in the fall of their freshman year. Topics vary depending upon the instructors.

**HON 1100 (4)**

**Freshman Honors Seminar II: Exploring Hawai'i and the Pacific**

Through an interdisciplinary seminar students will deepen their understanding of Hawai'i and Pacific community and environment, experiential learning, and the transfer of theory to problem solving outside of the classroom. All honors students must take this course in the spring of their freshman year.  
*Prerequisite: HON 1000.*

**HON 2000 (4)**

**Sophomore Honors Seminar I**

This interdisciplinary seminar is specifically targeted to develop important analytical skills through the practice of quantitative analysis and formal symbolic reasoning. Courses focus on the presentation and evaluation of evidence and argument and the understanding of the use and misuse of data. All honors students must take this course in the fall of their sophomore year.  
*Prerequisite: HON 1100.*

**HON 2100 (4)**

**Sophomore Honors Seminar II**

Honors 2100 takes skills developed in freshman honors

courses and applies them in an interdisciplinary analysis of critical and enduring issues. Students will grapple with important texts and ideas which require careful analysis and reflection. Courses are team taught by faculty from differing disciplines and topics will vary depending on the instructors. This is a companion course to HON 2200.

*Prerequisite: HON 2000 or permission of Honors Advisor. Students must enroll in HON 2200 concurrently.*

**HON 2200 (4)**

**Sophomore Honors Seminar III**

Honors 2200 takes skills developed in freshman honors courses and applies them in an interdisciplinary analysis of critical and enduring issues. Students will grapple with important texts and ideas which require careful analysis and reflection. Courses are team taught by faculty from differing disciplines and topics will vary depending on the instructors. This course is taken as a companion course to 2100.

*Prerequisite: HON 2000 or permission of Honors Advisor. Students must enroll in HON 2100 concurrently.*

**HON 3000 (4)**

**Junior Honors Colloquium**

The key component of the Honors Program is its emphasis upon interdisciplinary knowledge. The Junior Honor Colloquium develops skills necessary to enable students to initiate, plan, and complete an interdisciplinary senior honors project. This course is the first step in a learning experience culminating in a successful interdisciplinary senior honors project and formal presentation. In the colloquium we will examine the process of producing and communicating interdisciplinary knowledge and learn how to critically evaluate both one's own and other's scholarship. The colloquium draws upon the experience of faculty and students to broaden exposure to a variety of disciplinary research methodologies.

*Prerequisite: HON 2200 or permission of the Honors Program Advisor.*

**HON 4900 (1-3)**

**Senior Honors Project I**

This course is the first of two capstone courses for students in the Honors Program, or may supplement the students' capstone experience within the major. In conjunction with a mentor and a reader, students will develop ideas for their Senior Project and write a project proposal consistent with standards in their selected field(s) of study. This course should be taken in a semester prior to HON 4901 Senior Seminar II, either alone or in conjunction with a course in the major that requires a written proposal for the capstone project. In all cases, students defend their proposals orally.

*Prerequisite: HON 3000 and permission from the Honors Program Advisor.*

**HON 4901 (1-3)**

**Senior Honors Project II**

This course is the second of two capstone courses for student in the Honors Program, or may supplement a student's capstone course within the major. Students conduct their planned project and write a thesis or otherwise document artifacts of a creative or other endeavor. Students present their completed work at a HPU honors symposium and defend their thesis to their mentor and reader. For projects undertaken in the major, students will typically enroll in at least 1 credit of HON 4901, working with a reader to provide guidance and assessment on the interdisciplinary aspects of the project.

*Prerequisite: HON 4900 and permission from the Honors Program Advisor.*

**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 6460 (3)**

**Human Resource Development**

This course investigates the factors that affect adult learning. Theories of motivation, human behavior, and andragogy 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)**

**Nonpaid Internship**

See Internship Section

**HR 6991 (1 to 3)**

**Paid Internship**

See Internship Section

**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. **Capstone course.**

*Prerequisite: HR 6400, 6420, 6460 and 6470.*

**HRD – Human Resource Development**

**HRD 1000 (3)**

**Introduction to Human Resource Development**

An introduction to major components of human resource development (HRD). This course investigates the roles of HRD practitioners and develops an understanding of HRD theories, principles, and practices.

**HRD 2000 (3)**

**Integrated Talent Management**

This course will explore the key elements of effective talent management. Topics include best practices in talent acquisition, performance management, learning and development, and succession management.

*Prerequisite: HRD 1000.*

**HRD 3100 (3)**

**Principles of Instructional Design**

Introduction to the systematic design of instruction. The course covers various elements of instructional design (ID) process, including needs assessment, instructional problems, learner characteristics, task analysis, instructional objectives, content sequencing, instructional strategies, instructional delivery, evaluation instruments, instructional resources (media selection), formative evaluation, project management and summative evaluation.

*Prerequisite: HRD 1000.*

**HRD 3110 (3)**

**Training Methods & Delivery**

This course examines the science and practice of training and development (T+D) in the workplace. Topics covered include contemporary issues and trends in T+D, effective T+D methods and delivery approaches for adults in organizations, and program evaluation. *Prerequisite: HRD 1000.*

**HRD 3120 (3)**

**E-Learning and Learning Technologies**

This course focuses on the following aspects of corporate training: e-learning, educational technologies, and aligning training to the business goals to maximize learning experience and its impact on employees' productivity.

*Prerequisite: HRD 1000.*

**HRD 3300 (3)**

**Human Resource Development Project Management**

This course examines project management in theory and practice and the roles and responsibilities of the project manager. It is designed to broaden your understanding of project management principles and develop skills and knowledge needed to successfully manage HRD projects. It covers the five processes of project management: initiating, planning, executing, controlling, and closing.

*Prerequisite: HRD 1000.*

**HRD 3400 (3)**

**Organizational Staffing**

The course will cover theory and practical applications of organizational recruitment, selection, and on-boarding used in staffing organizations ensuring alignment between human resources requirements and employees. External influences such as the labor market and legislation and regulations will also be given attention.

*Prerequisite: HRD 2000 or concurrent.*



- HRD 4000 (3)**  
**HRD Career Development Capstone**  
 This capstone senior course provides students with a holistic perspective of their personal HRD experiences. As a capstone course, it brings together students' coursework, knowledge, skills, abilities, and other characteristics in order to demonstrate a broad mastery of learning across the curriculum for further career advancement. Using a career development framework students will reflect on their experiences and skills in relation to program and personal goals. The course will also require students to evaluate their knowledge, skills, and abilities in relation to employer and professional requirements and needs.  
*Prerequisite: Advisor approval.*
- HTM–Hospitality & Tourism Management**
- HTM 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.  
*Prerequisite: HTM 1010 or any WC&IL I course.*
- HTM 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: HTM 1010.*
- HTM 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: BUS 1000 or any WC&IL I course.*
- HTM 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, and ethnic cuisine and service, and sanitation standards.  
*Prerequisite: BUS 1000 or any WC&IL I course.*
- HTM 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: BUS 1000 or any WC&IL I course.*
- HTM 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: HTM 2010.*
- HTM 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 HTM 1010.*
- HTM 3535 (3)**  
**Psychology of Tourism and Travel**  
 Refer to PSY 3150.  
*Prerequisite: PSY 1000 or HTM 1010; any WC&IL II course.*
- HTM 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 HTM 1010.*
- HTM 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.*
- HTM 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 HTM 1010; COOP 2990, HTM 3990, or HTM 3991.*
- HTM 3990 (1 to 3)**  
**Nonpaid Internship**  
 See Internship Section.
- HTM 3991 (1 to 3)**  
**Paid Internship**  
 See Internship Section.
- HTM 4110 (3)**  
**Hotel Rooms Management**  
 An integrated, in-depth overview of a hotel's front office, also known as the room's 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 HTM 3110; COOP 2990, HTM 3990, or HTM 3991.*

**HTM 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: HTM 3210; COOP 2990, HTM 3990, or HTM 3991.*

**HTM 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 HTM 3610; HTM 3110 or 3210; and COOP 2990, 3990, 3991, HTM 3990, or 3991.*

**HTM 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: HTM 3110 and 3610; and COOP 2990, 3990, 3991, HTM 3990, or 3991.*

**HTM 4620 (3)**

**Travel Industry Financial Analysis and Controls**

The study of hospitality industry financial statements and the operating 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, HTM 3990, or HTM 3991.*

**HTM 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: HTM 3110 and 3210; COOP 2990, HTM 3990, or HTM 3991.*

**HTM 4655 (3)**

**Information Systems Issues in HTM**

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, and

Amadeus) and the Central Reservation Systems (CRS) of hotel and car rental companies. This course also focuses on the interdependence 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, and restaurant) and the subsequent use and management of information generated as a result of customers receiving services are also discussed.

*Prerequisite: CSCI 3201; HTM 3110 and 3610; and COOP 2990, 3990, 3991, HTM 3990, or 3991.*

**HTM 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: HTM 3110, 3610, 3645, or MGMT 3400; and COOP 2990, HTM 3990, or HTM 3991.*

**HTM 4997 (1 to 3)**

**Directed Readings in Travel Industry Management**

Directed individualized readings.

**HTM 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.*

**HTM 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.*

**HTM 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.*

**HTM 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.*

**HTM 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.*

**HTM 6655 (3)**

**Information Systems in Travel Industry Management**

A course that focuses on the use of Information Systems in Hospitality and Tourism Management. 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, and Amadeus) and the Central Reservation Systems (CRS) of hotel and car rental companies. This course also focuses on the interdependence 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, and 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.*

**HTM 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.*

**HTM 6990 (1 to 3)**

**Nonpaid Internship**

See Internship Section.

*Prerequisite: Graduate standing.*

**HTM 6991 (1 to 3)**

**Paid Internship**

See Internship Section.

*Prerequisite: Graduate standing.*

**HTM 6997 (1 to 3)**

**Directed Readings in Travel Industry Management**

Directed individualized readings. Repeatable for credit.

*Prerequisite: Graduate Standing*

**HTM 7005 (3)**

**HTM Business Development and Operations**

*Prerequisite: Graduate standing.*

**HUM-Humanities**

**HUM 1000 (3)**

**The Human Condition**

An exploration of the human condition as expressed through the arts, literature, religion and philosophy. Students critically reflect upon their own beliefs and values through the examination of important works from a variety of cultures and historical eras. Topics may include the meaning of freedom, the problem of evil, the concept of justice, or consideration of what makes a good life.

**HUM 1270 (3)**

**Introduction to Gender and Women's Studies**

What is gender? Why does it matter? How has it shaped the institutions that organize our lives? This course is an introduction to the key issues, questions, and debates in the interdisciplinary field of gender and women's studies, with particular emphasis on the ways women's experiences and identities in America are shaped by race, class, ethnicity, and sexual orientation. This course is intended to serve as a foundation for upper-division courses in gender and women's 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: Any WC&IL II course.*

**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: Any WC&IL II 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 to the psyche, society, history, art, and literature.

*Prerequisite: Any WC&IL II course.*

**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: Any WC&IL II course.*

**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: Any WC&IL II course.*

**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: Any WC&IL II 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 Hawai'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.*

### Internships

     3990/6990 (3)  
**Nonpaid Internships**  
A minimum of 75, 150, or 200 hours (per 1, 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. Internships are identified by the alpha for the subject area (e.g., ACCT, ECON, CSCI) followed by either the number 3990 for undergraduate level or 6990 for graduate level.  
*Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.*

     3991/6991 (3)  
**Paid Internships**  
A minimum of 200, 400, or 600 hours (per 1, 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. Internships are identified by the alpha for the subject area (e.g., ACCT, ECON, CSCI) followed by either the number 3991 for undergraduate level or 6991 for graduate level.

*Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.*

### INTR – International Studies

**INTR 1000** (3)  
**The International System**  
This course introduces students to some of the most important and recent thinking on the new 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 international 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 3000** (3)  
**International Relations**  
An examination of the international political system focusing on relating theoretical approaches for analyzing the behavior of state and non-state actors in the international system. This course explores fundamental concepts like power, anarchy, sovereignty, etc. and connects these to current topics and issues in international society including (but not limited to) international conflict and cooperation, globalization, international law and human rights, arms control and disarmament, terrorism, politics of the global commons, failed states and intervention, and the effects of ideology on international affairs.  
*Prerequisite: Any lower-division social science course plus any WC&IL II course.*

**INTR 3100** (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. Topics covered included the politics of international trade, problems and the structural balance of power between and among states and institutions.  
*Prerequisite: Any lower-division social science course plus any WC&IL II course.*

**INTR 3200** (3)  
**National and International Security**  
The goal of this course is 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 followed by an examination of transnational and non-traditional security issues. Comparisons with other countries and/or regions may also be included.  
*Prerequisite: Any lower-division social science course plus any WC&IL II course.*

**INTR 3250** (3)  
**Peace-Building and Conflict Management**  
The course 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: Any lower-division social science course plus any WC&IL II course.*

**INTR 3275** (3)  
**Global Governance**

The course examines global governance in an increasingly interdependent world. This include international or transnational structures such as formal international inter-governmental organizations (UN, WHO, WTO, APEC) and international nongovernmental organizations (Oxfam, Doctors Without Borders, Human Rights Watch), international rules or laws, norms or "soft law", and international regimes in such areas as peacekeeping, disaster management, trade, social, and humanitarian issues.

*Prerequisite: Any lower-division social science course plus any WC&IL II course.*

**INTR 3300** (3)  
**International Law**

This course is an examination of the nature and function of international law in international politics. The course introduces students to the principles and norms governing the contemporary community of nations, as well as questions about the role of international law in shaping international relations.

*Prerequisite: Any lower-division social science course plus any WC&IL II course.*

**INTR 3350** (3)  
**International 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: Any lower-division social science course plus any WC&IL II course.*

**INTR 3400** (3)  
**International Relations of Asia**

An analysis of the changing patterns of Asian international relations and the factors that determine national behaviors of Asian countries. Relations will be examined from multiple perspectives, from both security and conflict to economic interdependence, institutions, alliance, and the role of non-state actors. The course may cover all of East, Southeast and South Asia, or focus on only one or two of these regions of Asia.

*Prerequisite: Any lower-division social science course plus any WC&IL II course.*

**INTR 3500** (3)  
**Global Systems and Development**

A critical analysis of the historical and theoretical underpinnings of development and underdevelopment (i.e., how and why development happens, or fails to happen). The course examines a range of development projects and their effects, and explores selected issues like famine and hunger, the environment, human rights, racial/ethnic conflict, north-south relations, and alternative approaches to development. It provides students with the theoretical and conceptual tools to analyze the global economic system, international aid and humanitarian assistance, and the broader development arena.

**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; any WC&IL II course.*

**INTR 3905** (3)  
**Contemporary Nations: 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: Any lower-division social science course plus any WC&IL II 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 WC&IL II 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; any WC&IL II 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; any WC&IL II 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; any WC&IL II 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; any WC&IL II 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; any WC&IL II 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 WC&IL II 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; any WC&IL II 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 WC&IL II 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 WC&IL II 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; Any WC&IL II course.*

**INTR 4900 (3)**  
**Senior Seminar in International Studies**

A capstone course for international Studies majors that includes an in-depth survey of the major methodologies and theories in the fields of International Relations and International Studies. Students will be responsible for leading a discussion seminar and producing a major research paper.

**Capstone course.**

*Prerequisite: Senior status.*

**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 6005 (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 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 6040 (3)**  
**Business Analytics**

This course introduces Business Analytics – an interactive and oftentimes visual process of exploring and analyzing data to

find valuable insights that can be used for a competitive advantage. This course provides students with the fundamental concepts and tools needed to understand the emerging role of business analytics in organizations, apply visualization techniques, communicate with analytics professionals to effectively use and interpret analytic models, and results for making better business decisions.

*Prerequisite:* Graduate standing.

**IS 6050 (3)**

**Software Design and Construction**

This course provides an overview of software design and construction practice, with special emphasis on current platforms and emerging trends. Available topics include software development tools, programming languages, APIs, SDKs, architecture, database, UI/UX, security, testing, and integration. Please note that to be successful in this course, students must come in with a working knowledge of object-oriented programming.

*Prerequisite:* MIS 3050.

**IS 6065 (3)**

**Database Management**

This course provides an overview of enterprise database management with a strong focus on systems based on the relational database model. Topics include conceptual modeling, logical and physical design, SQL programming, application development, data warehouse, data quality and integration, data and database administration, architecture, and security. In addition, students will also research alternate database models and emerging trends in the database industry.

*Prerequisite:* MIS 3060.

**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:* MIS 3070.

**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:* MIS 3060, IS 6050.

**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 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:* 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 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)**

**Data Mining for Business Intelligence**

Organizations have an ever-increasing availability of information and the area of Business Intelligence provides astute methodologies, technologies, and strategies for mining that enormous volume of data. In this course, participants will gain a better understanding of both well-established and

cutting-edge processes being employed to capture that data and to turn this information into key resources for organizations. The technologies and processes of data mining will be discussed, demonstrated, and employed.  
*Prerequisite: 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 6070. Graduate standing.*

**IS 6360 (3)**  
**Big Data**

This course comprehensively covers methods for the design, implementation, and managing of Big Data analytics. This course is designed to be a hands-on learning experience with a focus on technologies and modeling methods for large-scale, distributed analytics. Upon successful completion of the course, members will become familiar with the fundamental concepts of Big Data management, recognize challenges and understand how Big Data impacts business intelligence including proposing scalable solutions for organizations.  
*Prerequisite: 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 6070. 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 7100 (3)**  
**Graduate Thesis/Applied Project Proposal**

Initial design and development of the MSIS thesis or major research project. **Capstone course.**  
*Prerequisite: IS 6005, 6020, 6070, 6110; Graduate standing.*

**IS 7200 (3)**  
**Graduate Thesis/ Applied Project**

Completion of MSIS thesis/applied project. **Capstone course.**  
*Prerequisite: IS 7100. Graduate standing.*

**IS 7300 (3)**  
**MSIS Integrated Capstone**

A capstone seminar that focuses on the strategic perspective for aligning competitive strategy, core competencies, and the design and management of organizational systems consisting of three interacting subsystems: the enterprise; the IS function and its role in marshaling information technologies and assets to support the organization strategy, and the information technology architecture consisting of the networks, hardware, data, and applications. **Capstone course.**  
*Prerequisite: IS 6005, 6010, 6040, 6050, 6070, 6110, 6120, 6340. Graduate standing.*

**JPE – Japanese**

**JPE 1100 (4)**  
**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 1100.*

**KOR 2100** (4)  
**Intermediate Korean I**  
Conversation, reading, grammar, and Korean culture. This is the first semester of a two-semester sequence.  
*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.*

## **LAW – Law**

**LAW 3210** (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: Any WC&IL II course with a grade of C- or better.*

**LAW 3410** (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 14<sup>th</sup> Amendment; rights of persons accused of crimes; equal protection of law; future trends.  
*Prerequisite: Any WC&IL II course with a grade of C- or*

*better*

**LAW 3610** (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 WC&IL II course with a grade of C- or better.*

**LAW 3710** (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: Any WC&IL II course with a grade of C- or better.*

## **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 HTM 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 Hawai'i'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

Hawai'i'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 WC&I I course.*

**MARS 1040 (3)**  
**Introduction to SCUBA Diving and Marine Life in Hawai'i**

Skin diver and scuba diver skills are taught in the context of using these skills to safely dive in open water in a range of the underwater environments and conditions. As part of the course, students will earn NAUI (National Association of Underwater Instructors) Scuba Diver and Advanced Scuba Diver certifications. The objective of this course is to provide students with intensive training in preparation for continued marine science education and more advanced training scuba diving. During the course students will learn to identify the major coral reef fauna a several popular dive sites in Hawai'i.

*Prerequisite: No prior scuba diving experience is required; basic swimming proficiency, proof of medical insurance, and no existing medical conditions which may interfere with scuba diving. Person mask, fins and snorkel (these items can be purchased at a discount through cooperating dive shops). A swimming skills evaluation will be conducted in a swimming pool on the first day of class and all students must pass the following skills before proceeding to underwater activities: 10 minutes treading water, swim 50 feet underwater, swim 400 yards in 10 minutes.*

**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 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 2100 (3)**

**Marine Resource Management: Social, Ecological, and Cultural Dimensions**

Coastal communities throughout the world are highly reliant on ocean ecosystems, and threats to ocean resources places at risk the livelihoods, cultures, and economies of coastal people. In this course, students will develop and understanding of the key threats to ocean resources such as land-based pollution, overfishing, and climate change adaption, and critically examine innovative solutions to these threats. Students will gain a deep understanding of cultural resource management approaches and their application in modern policy contexts, providing a transferable skill set for emerging ocean leaders and professionals.

*Prerequisite: Any WC&I I course.*

**MARS 2110 (3)**

**Ocean Environment of the Pacific Islands**

An introduction to the oceanography and the technologies for operating at sea. The concepts of navigation (piloting, celestial, and electronic), and physics of sail are taught from their bases in astronomy, mathematics, and equipment, the methodologies involved in the collection, reduction, and analysis of oceanographic data, and the attendant operations of sailing an oceanographic research vessel.

*Prerequisite: Any WC&I I course.*

**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 WC&IL II 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 3002 (or MARS 2060); any WC&IL II 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: Any WC&IL II 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 4040 (3)**

**Marine Ecology**

Survey of the phylogeny, anatomy, physiology, behavior and ecology of marine birds, with an emphasis on North Pacific species. The goal of this course is to provide students with the understanding of the ecology of these marine top predators and their role in marine ecosystems impacts. Hands-on activities in the laboratory, field work and guest lectures by resource managers will augment the course material.

*Prerequisite: MARS 3002.*

**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 3002 (or MARS 2060).*

**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 WC&IL II course; BIOL 2052; CHEM 2052; GEOL 2000; and MARS 3002 (or MARS 2060).*

**MARS 4061 (2)**

**Geological Oceanography Laboratory**

Laboratory and field component of MARS 4060.

*Prerequisite: BIOL 2053; CHEM 2053; MARS 3003 (or MARS 2061), MARS 4060\* (\*may be taken concurrently); any WC&IL II 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; MARS 3002 (or MARS 2060); any WC&IL II course. Co-requisite: MARS 4071.*

**MARS 4071 (2)**

**Chemical Oceanography Laboratory**

Laboratory and field component of MARS 4070.

*Prerequisite: A grade of C- or higher in any WC&IL II course; BIOL 2053; CHEM 2053, MARS 3003 (or MARS 2061), MARS 4070\* (\*may be taken concurrently). Co-requisite: 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 fi 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 4100** (3)

**Marine Resource Management: Culture and Sustainability**

Coastal communities throughout the world are highly reliant on ocean ecosystems, and threats to ocean resources places at risk the livelihoods, cultures, and economies of coastal people. In this course, students will develop strategies and leadership skills to address the key threats to ocean resources such as land-based pollution, overfishing, and climate change adaptation, and critically examine innovative solutions to these threats. Students will gain a deep understanding of cultural resource management approaches and their application in modern policy contexts, providing a transferable skill set for emerging ocean leaders and professionals.

*Prerequisite: Any WC&IL II course and any 3000-level MARS, BIOL or ENVS course.*

**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 4400** (3)

**Marine Conservation Biology**

This course provides an overview of the ecological foundations of conservation biology, with an emphasis on the management of marine living resources. Lectures and assignments emphasize the theoretical foundations and the practical approaches to marine conservation, and illustrate real-world case studies involving biodiversity conservation, fisheries management, and novel methods for coastal zone planning. Computer simulations, homework sets, and class activities give students the opportunity to apply a variety of

quantitative tools, engage in critical thinking, and use scientific results in decision-making. Guest lectures by conservation practitioners illustrate real-world resource management applications in Hawai'i, the U.S., and internationally.

*Prerequisite: BIOL 3080.*

**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 3002 (or MARS 2060).*

**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)

**Research Seminar in Marine Biology**

In this capstone course for Marine Biology majors, students carry out a senior research project in an area of interest within marine science. Students will first participate in ecological field work on the university's research vessel, using a variety of instruments and sampling devices. Students will then take the lead on a project of interest and develop a research plan to be carried out during the course. This investigation will include data and/or sample collection, data analyses, synthesizing the results within the context of the peer-reviewed literature, and communicating the findings in a presentation and in writing.

*Prerequisite: Marine Biology or Oceanography major; MARS 4050 or concurrent. Co-requisite MARS 4911.*

**MARS 4911** (1)

**Research Experience in Marine Biology**

In this capstone course for Marine Biology majors, students carry out a senior research project in an area of interest within marine science. Students will first participate in ecological field work on the university's research vessel, using a variety of instruments and sampling devices. Students will then take the lead on a project of interest and develop a research plan to be carried out during the course. This investigation will include data and/or sample collection, data analyses, synthesizing the results within the context of the peer-reviewed literature, and communication of the results in a scientific paper and an oral presentation.

*Prerequisite: Marine Biology or Oceanography major; MARS 4050 or concurrent. Co-requisite MARS 4910.*

**MARS 4920** (3)

**Research Experience in Oceanography**

In this capstone course for Oceanography majors, students carry out a senior research project in an area of interest within marine science. Students will first participate in oceanographic field work on the R/V Kahalo, using a variety of instruments and sampling devices. Students will then take the lead on a project of interest and develop a research plan to be carried out during the course. This investigation will include data and/or sample collection, data analyses, synthesizing the results within the context of the peer-reviewed literature, and communicating the findings in a presentation and in writing.

*Prerequisite: MARS 3002 and 3003; and MARS 4060, 4070, 4080, or 4090, may be taken concurrently. Co-requisite: MARS 4921.*

**MARS 4921 (1)**

**Oceanography Research Seminar**

This seminar is associated with the capstone course for Oceanography majors, whereby students carry out a senior research project in an area of interest within marine science. In the seminar, technical aspects of research that include research planning, data analyses, writing, and giving presentations on results will be covered in depth, using students' research projects.

*Prerequisite: MARS 3002 and 3003; and MARS 4060, 4070, 4080, or 4090, may be taken concurrently. Co-requisite: MARS 4920.*

**MARS 4950 (1 to 3)**

**Senior Science Practicum**

Senior practicum opportunity for students anticipating working in the marine sciences after graduation.

*Prerequisite: Any WC&IL II 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, 4) 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 6040 (3)**

**Seabird Ecology and Conservation**

Survey of the ecology of seabirds and their role in marine ecosystems, with an emphasis on North Pacific species. Hands-on activities in the laboratory, field work and guest lectures by resources managers will augment the course material. Students will complete any independent project using observations collected during the course activities.

*Prerequisite: Graduate standing.*

**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 ENV5 (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 foundation and the quantitative tools for the analysis of demography and population trends. Case studies and guest speakers highlight the use of computer simulations in the management of living marine resources. An independent marine protected area project gives students experience in critical thinking, communication skills and the use of science in effective decision-making.

*Prerequisite: Graduate standing.*

**MARS 6500 (3)**  
**Geospatial Analysis in Marine Science**

This workshop course provides an overview of the spatial analysis and associated modeling techniques used in marine science, including metrics of intensity, quantification of spatial form, and surface modelling. Students will implement these analyses using a variety of software tools and marine datasets. Real-world case studies will augment the lectures.

**MARS 6600 (3)**  
**Computational Methods in Marine Science**

This workshop course provides an overview of the computational methods used for the manipulation and analysis of large datasets using statistically robust techniques (randomization, bootstrapping). Students will practice these techniques using a variety of software tools and datasets. Real-world marine science case studies will augment the class lectures and assignments.

**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 6950 (1 to 3)**  
**Practicum in Marine Science**

This course offers MSMS students the opportunity to obtain practical hands-on experience working in a research project or an organizational employment setting. Hosting organizations will provide students with an intellectually challenging task. In turn, each practicum experience will be designed to meet the specific project goals of the host institution.

**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 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.

*Co-requisite: 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: An ACT Math score of at least 18, an SAT Quantitative score of at least 450, a grade of C- or better in MATH 1101, or an appropriate score on the math placement test.*

**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.

*Co-requisite: 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 or an appropriate score on a placement test.

**MATH 1116 (3)****Problem Solving**

This course is designed to improve students' problem-solving skills by investigating both traditional and non-traditional mathematics problems. Reasoning, reflection upon the problem-solving process and the elements of effective thinking will be emphasized. Students will write and present their ideas both orally and visually. There will also be real-world applications of mathematical problem solving to games and puzzles, the infinite, and the arts. This course will be taught in the style of inquiry-based learning.

*Prerequisite:* An ACT Math score of at least 21, an SAT Quantitative score of at least 510, a grade of C- or better in MATH 1105, or an appropriate score on the math placement test.

**MATH 1120 (3)****Mathematics in the Modern World**

This course takes a mathematical approach to understanding contemporary issues and explores ways to apply mathematics in everyday life. Students will evaluate and interpret quantitative data through means such as functions, modeling, probability and statistics, and use the results to form opinions and make decisions. Topics and applications may include the arts and entertainment, biological and health sciences, business and economics, education, environmental science, geography, personal finance, physical science, politics, and sports.

*Prerequisite:* An ACT Math score of at least 21, an SAT Quantitative score of at least 510, a grade of C- or better in MATH 1105, or an appropriate score on the math placement test.

**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:* An ACT Math score of at least 21, an SAT Quantitative score of at least 510, a grade of C- or better in MATH 1105, or an appropriate score on the math placement test.

**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:* An ACT Math score of at least 21, an SAT Quantitative score of at least 510, a grade of C- or better in MATH 1105, or an appropriate score on the math placement test.

**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 advisor approval.

**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:* A grade of A in MATH 1105, a grade of C or better in MATH 1130, an ACT Math score of at least 24, an SAT Quantitative score of at least 570, or an appropriate score on a placement test.

**MATH 1234 (3)****Introduction to Cryptology**

This course gives an historical introduction to Cryptology, the science of making and breaking secret codes. It begins with the oldest recorded codes, taken from hieroglyphic engravings, and ends with the encryption schemes used to maintain privacy during Internet credit card transactions. Since secret codes are based on mathematical ideas, each new encryption method discussed in this course leads to the study of new mathematical ideas and results. Topics covered include basic modular arithmetic, primes and divisors, permutations and elementary statistics. This course will also cover the social and historical aspects associated to Cryptology.

*Prerequisite:* An ACT Math score of at least 21, an SAT Quantitative score of at least 510, a grade of C- or better in MATH 1105, or an appropriate score on the math placement test.

**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:* An ACT Math score of at least 24, an SAT Quantitative score of at least 570, a grade of C- or better in MATH 1130, or an appropriate score on the math placement test.

**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: An ACT Math score of at least 26, an SAT Quantitative score of at least 620, a grade of C- or better in MATH 1140 or 1150, or an appropriate score on the math placement test.*

**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 advisor approval.*

**MATH 2216 (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 2215.*

**MATH 2220 (3)****Proof Writing**

An introduction to proof writing and mathematical logic covering Sentential and First Order Logic, Introduction to Sets, Introduction to Formal Proofs, and practical proof writing for a working mathematician.

*Prerequisite: An ACT Math score of at least 24, an SAT Quantitative score of at least 570, a grade of C- or better in MATH 1130, or an appropriate score on the math placement test.*

**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 2220, 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 3234 (3)****Mathematical Cryptology**

This course gives a mathematical introduction to Cryptology, the art and science of making and breaking secret codes. It begins with the oldest recorded codes, and ends with the encryption schemes used to maintain privacy during Internet credit card transactions. Topics covered include the classical monoalphabetic ciphers and their cryptanalysis; polyalphabetic ciphers and their cryptanalysis; perfect cipher systems; public-key cryptology; Diffi-Hellman key exchange, RSA, Knapsack codes, and anonymity. The mathematical subjects include permutations, modular arithmetic, statistics, recurrence relations and elementary number theoretic results.

*Prerequisite: MATH 2214 (Calculus I) or higher or consent of instructor.*

**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 1130, 2220, or consent of instructor.*

**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 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 homogenous and non-homogenous 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 homogenous and non-homogenous 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 2214.*

**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, con-final maps, mathematical induction, transfinite induction, ordinals and cardinals, ordinal and cardinal arithmetic, the Continuum Hypothesis, and the Constructible Universe.

*Prerequisite: MATH 2220, 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 3305 or consent of instructor. MATH 2220 is strongly suggested but not required.*

**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 2220 is strongly suggested but not required.*

**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)  
**Applied 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 1123 is strongly suggested but not required.*

**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: CHEM 2050; CSCI 2911; MATH 3305 and 3307\*; PHYS 2052. (\*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 infinite 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 Fourier representation theorem.  
*Prerequisite: MATH 2216, 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\*; PHYS 2052; or consent of instructor. (\*may be taken concurrently). MATH 3216 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.  
*Prerequisite: MATH 3316, or any other MATH 3000-level class, or consent of instructor.*
- 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.
- MC – Mass Communication**
- MC 1000** (3)  
**Mass Media Today**  
 This course is an introduction to the practices of mass communicators and provides an overview of the history, rationale, and landscape of the traditional areas of advertising, journalism, and public relations-illustrated by reviews and examples. The course includes strategies, techniques and applications, including an exploration of specific examples and case studies.
- MC 1100** (3)  
**Mass Communication Writing**  
 MC 1100 provides an introduction to the skills needed to be a critical writer for modern mass communication sources. It emphasizes analysis and practice of a variety of news writing and reporting styles appropriate to contemporary integrated organizations and the variety of distribution methods (print, radio, video, multimedia) that dominate public discourse today.  
*Prerequisite: MC 1000.*
- MC 2100** (3)  
**Mass Communication Research**  
 Introduction to quantitative and qualitative methods used to study audiences, contents, and effects of mass media. Course content focuses on advertising, journalism, and public relations communication using social science research skills and data analysis. Approaches include content analysis, survey research, focus groups, and other empirical methodologies.  
*Prerequisite: MC 1000.*
- MC 2200** (3)  
**1st Amendment & Intellectual Property Law**  
 MC 2200 is designed to introduce students to First Amendment doctrines and issues concerning freedom of expression. Students will be exposed to a survey of major areas of media law; governmental regulation of political speech; defamation; privacy torts; news gathering rights, and intellectual property issues such as trademark, patent, copyright and fair use. This course can also be seen as an advanced First Amendment course concentrated on the interplay between "new" media, cutting-edge technologies, privacy, and other civil liberties. Students can expect to engage in a conversation about the ethical and political issues facing the digital media.
- MC 3120** (3)  
**Writing for Digital Media**  
 A review of the basic structure of today's news and information practices and basic writing for all media. The course reviews career options and social, legal, technical and ethical environments in which mass 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: MC 1100.*
- MC 3300** (3)  
**Social Media**  
 This course looks at applications of social media in mass communication and teaches the fundamentals of writing,

design, layout, and production for a variety of social media products. Students produce a variety of publications while learning electronic typography, graphic design, computer imaging layout, and studio preparation. The course will also examine social media's effect on privacy as part of the digital age.

*Prerequisite: MC 1000.*

**MC 3310 (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: MC 1100.*

**MC 3700 (3)**  
**Creativity in Mass Communication**

This course brings to light the creative process as it lives in the mass communication 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.

*Prerequisite: MC 1100.*

**MC 3720 (3)**  
**Audience Behavior**

A course on audience behavior that discusses various techniques for profiling target audiences and analyzing decision-making strategies and uses and gratification behaviors. The course explores demographics, psychographics, Values and Lifestyles System, PRISM, and high- and low-involvement decisions. It provides insight essential to advertising, journalism, marketing and public relations campaign planning.

*Prerequisite: MC 1100 or any WC&IL I course.*

**MC 3730 (3)**  
**News Media Strategies & Sales**

This course introduces students to research, planning and relationship development with several 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 evaluate both advertising and news/editorial media, how to plan a media program, how to develop a media plan, how to work with the various media representatives for purchased space or time, and, in other cases working with editorial staff for placement of public relations material - selected media tours.

*Prerequisite: MC 1000; recommend sophomore or higher.*

**MC 3740 (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: MC 1000 or any WC&IL I course.*

**MC 3750 (3)**  
**Special Events Planning**

This is a skills based course designed for students to explore the profession of special event planning, facilitation, execution, promotion, and evaluation with a service learning approach. Students will learn foundational concepts and professional skills of event planning through hands-on application of learned theories. Essential topics learned will include event planning, coordination, strategic sponsorship, programming, marketing, communications, volunteer and vendor management, risk management, event research, and event evaluation.

*Prerequisite: MC 1000.*

**MC 3910 (3)**  
**Special Topics in Mass Communication**

Course title, content, and prerequisites will vary. May be repeated for a total of 9 credits when title and content have changed.

*Prerequisite: MC 1100.*

**MC 4900 (3)**  
**Capstone Experience**

This course is the capstone for the Mass Communication BS degree. It prepares students for entry into the professional world of mass communication including advertising, journalism and 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 integrated plan for an existing organization in the Honolulu community.

*Prerequisite: Department permission.*

**MGMT – Management**

**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: BUS 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 WC&IL II course; BUS 1000.*

**MGMT 3060 (3)**

**The Legal and Regulatory Context for Managers**

This course illustrates how law impacts daily management decisions and business strategies. This includes topics on how managers can use legal knowledge to minimize risk and create value, create solutions to attain business objectives, identify and resolve legal issues, and assist in managing legal disputes that may arise. Students will learn some of the key legal dilemmas that often arise in business and analyze solutions from a manager's perspective by integrating law and management. The relationship between law and business will be illustrated in class lectures, case discussions, experiential activities, and selected readings.

*Prerequisite: A grade of C- or higher in any WC&IL II course; BUS 1000 (previously 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: BUS 1000; any WC&IL II 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 WC&IL II course; BUS 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: BUS 1000; any WC&IL II 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: Any WC&IL II 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 WC&IL II course; BUS 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: BUS 1000; any WC&IL II 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: BUS 1000 or PSCI 3200; any WC&IL II 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: BUS 1000; any WC&IL II 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 WC&IL II course; BUS 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: BUS 1000; any WC&IL II 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; Any WC&IL II 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 WC&IL II course; BUS 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 coursework 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. Undergraduate 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. This course should be taken in the student's final semester in the program. **Capstone course.**  
*Prerequisite: Academic advisor approval required.*
- 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)  
**Foundations of Teamwork and Leadership**  
 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. Additionally, the seminar surveys various leadership styles, exploring characteristics, effectiveness and appropriateness of each for different environments and situations.  
*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 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 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 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: MGMT 6000 and MKTG 6000. 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: MGMT 6000 and MKTG 6000. Graduate standing.*

**MGMT 6300 (3)**  
**International Business Management**

Despite globalization, local characteristics have a profound influence on international organizations. The course explores the multitude of international business environment factors that affect the cost and timelines of day-to-day operations and global sourcing and reshoring options such as a country's stage of development, global competitiveness rating, and innovativeness.

*Prerequisite: MGMT 6000 and MKTG 6000. 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 6330 (3)**  
**National Culture and Comparative Management**

Societal settings, including culture, influence and the various management and organizational forms and processes. Theories are presented that explain different approaches in topics such as corporate governance, production systems and national innovation systems.

*Prerequisite: Graduate standing.*

**MGMT 6340 (3)**  
**International Environmental Management**

*Prerequisite: Graduate standing.*

**MGMT 6350 (3)**  
**Global Markets in Transition**

International business opportunities arise in many different parts of the world. This course focuses on an emerging global market that is important for business. The analysis includes

looking at patterns of trade and foreign direct investment, market size and consumption patterns, cultural preferences, the influence of government, legal systems etc.

*Prerequisite: Graduate standing.*

**MGMT 6360 (3)**  
**Global Competition and Strategy**

By examining a variety of businesses in both advanced and developing economies, this course probes the ultimate determinants of a nation's or region's productivity, rooted in the strategies and operating practices of locally based firms, the vitality of clusters, and the quality of the business environment in which competition takes place.

*Prerequisite: Graduate standing.*

**MGMT 6990 (1 to 3)**  
**Nonpaid Internship**

See Internship Section.

*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 non-profit 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 6991 (1 to 3)**  
**Paid Internship**

See Internship Section.

*Prerequisite: Graduate standing.*

**MGMT 6997 (1 to 3)**  
**Directed Readings in Management**

Directed individualized readings. Repeatable for credit.

*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. **Capstone course.**

*Prerequisite: ECON 6000, FIN 6000, IS 6005, MGMT 6000, 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. **Capstone course.**

*Prerequisite:* ACCT 6000, MGMT 6020 and 7001. 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.

**MIS – Management Information Systems**

**MIS 2000 (3)**  
**Information Tools for Business**

In this hands-on course you will learn to use the tools of a knowledge worker to help you take raw data and transform it into compelling information to be used for business decision making. You will sharpen your analytical and problem-solving skills using spreadsheet and database software. You will also be exposed to the tools and best practices for communicating your information using tables, charts, and graphs. Upon successful completion of this course you will have the basic technical skills to be more productive in your future business courses as well as in an actual business environment.

**MIS 3000 (3)**  
**Foundations of Information Systems**

Information systems are an integral part of all business activities and careers. This course is designed to introduce students to contemporary information systems and demonstrate how these systems are used throughout global organizations. The focus of this course will be on the key components of information systems – people, software, hardware, data, and communication technologies, and how these components can be integrated and managed to create competitive advantage. Through the knowledge of how IS provides a competitive advantage students will gain an understanding of how information is used in organizations and how IT enables improvement in quality, speed, and agility. *Prerequisite:* MIS 2000 (can be taken concurrently).

**MIS 3020 (3)**  
**Information Systems Project Management**

This course introduces the basics of project management in an information systems context. Students will become familiar with the project life cycle and the supporting processes and knowledge areas. Particular emphasis is placed on the foundation principles as well as the latest trends guiding project management in organizations. Students will be introduced to a variety of tools supporting project management.

*Prerequisite:* MIS 2000 (can be taken concurrently) and any WC&IL II course.

**MIS 3050 (3)**  
**Application Development**

The purpose of this course is to introduce the students to the fundamental concepts and models of application development so that they can understand the key processes related to building functioning applications and appreciate the

complexity of application development. Students will learn the basic concepts of program design, data structures, programming, problem solving, programming logic, and fundamental design techniques for event-driven programs. Program development will incorporate the program development life cycle: gathering requirements, designing a solution, implementing a solution in a programming language, and testing the completed application.

*Prerequisite:* MIS 2000 (can be taken concurrently) and any WC&IL II course.

**MIS 3060 (3)**  
**Systems Analysis and Design**

This course discusses the processes, methods, techniques and tools that organizations use to determine how they should conduct their business, with a particular focus on how computer-based technologies can most effectively contribute the way business is organized. The course covers a systematic methodology for analyzing a business problem or opportunity, determining what role, if any, computer-based technologies can play in addressing the business need, articulating business requirements for the technology solution, specifying alternative approaches to acquiring the technology capabilities needed to address the business requirements, and specifying the requirements for the information systems solution.

*Prerequisite:* MIS 2000 (can be taken concurrently).

**MIS 3065 (3)**  
**Data and Information Management**

This course provides an introduction to the core concepts in data and information management. It is centered around the core skills of identifying organizational information requirements, modeling them using conceptual data modeling techniques, converting the conceptual data models into normalized relational data, and implementing a relational database using an enterprise database management system. The course will include coverage of database administration, data quality, security, data warehouse, and business intelligence. In addition, the course helps the students understand how large-scale packaged systems are highly dependent on the use of DBMSs. Taking MIS 3050 prior to this course is strongly recommended.

*Prerequisite:* MIS 2000 (can be taken concurrently).

**MIS 3070 (3)**  
**IT Infrastructure**

This course provides an introduction to IT infrastructure issues for students majoring in Information Systems. It covers topics related to both computer and systems architecture and communication networks, with an overall focus on the services and capabilities that IT infrastructure solutions enable in an organizational context. It gives the students the knowledge and skills that they need for communicating effectively with professionals whose special focus is on hardware and systems software technology and for designing organizational processes and software solutions that require in-depth understanding of the IT infrastructure capabilities and limitations.

*Prerequisite:* MIS 2000 and any WC&IL II course.

**MIS 4000 (3)**  
**Enterprise Architecture**

This course explores the design, selection, implementation and management of enterprise IT solutions with a focus on applications, infrastructure and their fit in business. Topics include frameworks and strategies for infrastructure management, system administration, data/information architecture, content management, distributed computing, middleware, legacy system integration, system consolidation, software selection, total cost of ownership calculations, IT



investment analysis, and emerging technologies. Addressed from within and beyond the organization, attention is paid to managing risk and security within audit and compliance standards while concisely communicating technology architecture strategies to a general business audience. Taking MIS 3050 prior to this course is strongly recommended.

*Prerequisite: MIS 2000 (can be taken concurrently).*

## **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: BUS 1000; any WC&IL II 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 Development**

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)** **Integrated 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)**

#### **Global Distribution and Supply Chain Marketing**

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 Relationship Marketing**  
 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: 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 decisions 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. *Repeatable for credit.*

*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: MATH 1123 or equivalent. 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. *Repeatable for credit.*

*Prerequisite: Graduate standing.*

**MSL – Military Science**

- MSL 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.
- MSL 1010** (2)  
**Introduction to Military Science I**  
 Introduces cadets to personal challenges and competencies critical for effective leadership; personal development of life skills such as goal setting, time management, physical fitness, and stress management related to leadership, officership, and the Army profession. Focus on developing basic knowledge and comprehension of Army Leadership Dimensions while understanding the ROTC program, its purpose in the Army, and its advantages for the student.
- MSL 1011** (1)  
**Introduction to Military Science I Lab**  
 Practical application in adventure training, one-rope bridges, rifle marksmanship, land navigation, drill and ceremonies, physical training.  
*Co-requisite: 1010.*
- MSL 1020** (2)  
**Introduction to Military Science II**  
 Overviews leadership fundamentals such as setting direction, problem-solving, listening, presenting briefs, providing feedback and using effective writing skills. Explores leadership values, attributes, skills, and actions in the context of practical, hands-on, and interactive exercises. Cadre role models and building stronger relationships among cadets through common experience and practical interaction are critical.
- MSL 1021** (1)  
**Introduction to Military Science II Lab**  
 Practical application in adventure training, one-rope bridges, rifle marksmanship, land navigation, drill and ceremonies, physical training.  
*Co-requisite: 1020.*
- MSL 2010** (3)  
**Intermediate Military Science I**  
 Explores creative and innovative tactical leadership strategies and styles through historical case studies and engaging in interactive student exercises. Cadets practice aspects of personal motivation and team building by planning, executing, and assessing team exercises. Focus is on continued development of leadership values and attributes through understanding of rank, uniform, customs and courtesies.
- MSL 2020** (3)  
**Intermediate Military Science II**  
 Challenges of leading complex, contemporary operational environments. Dimensions of cross-cultural challenges of leadership in a constantly changing world are highlighted and applied to practical Army leadership tasks and situations. Cadets develop greater self-awareness as they practice communication and team building skills, and tactics in real world scenarios. Provides a smooth transition to MSL 3010.
- MSL 2030** (6)  
**ROTC Basic Camp**  
 Four-week summer course conducted at Ft. Knox, Kentucky. Substitutes for ROTC basic course (1010, 1020, 2010, and 2020) and fulfills course requirement for admission to ROTC advanced courses. Credit will be given for 2030 or basic courses, but not both.  
*Prerequisite: Consent.*
- MSL 3010** (4)  
**Leading Small Organizations I**  
 Challenges cadets to study, practice, and evaluate adaptive leadership skills and demands of ROTC Leader Development Assessment Course (LDAC). Challenging scenarios related to small unit tactical operations will develop self-awareness and critical thinking skills. Cadets will receive systematic, specific feedback on their leadership abilities, and analyze/evaluate their leadership values, attributes, skills and actions. (2.5 lecture, 1.5 hours lab)  
*Prerequisite: MSL 2020 or consent.*
- MSL 3020** (4)  
**Leading Small Organizations II**  
 Intense situational leadership challenges to build cadet awareness and skills in leading small units. Decision-making, persuading, and motivating team members under fire are explored, evaluated, and developed. Military operations are reviewed to prepare for the ROTC LDAC. Cadets apply principles of Law of Land Warfare, Army training, and motivation to troop leading procedures; and are evaluated on what they know and do as leaders. (2.5 lecture, 1.5 hours lab)  
*Prerequisite: MSL 3010 or consent.*
- MSL 3030** (6)  
**ROTC Advanced Camp**  
 Six-week summer field training exercise conducts at Fort Lewis, Washington. Arduous and intensified leadership training is conducted throughout the six-week period. Required for U.S. Army commissioning.  
*Prerequisite: 3010, 3020, and consent.*
- MSL 3910** (3)  
**History of Military Warfare**  
 Lecture/discussion on the art and science of warfare with concentration on U.S. military history from the Colonial Period onward. Generally restricted to Army ROTC students, with few exceptions to non-ROTC students. A-F only  
*Prerequisite: Consent.*
- MSL 3990** (V)  
**Directed Reading and Research**  
 Limited to military science students who have had at least one previous military science course for which a grade of B or higher was earned and a cumulative GPA of 2.0 or better.  
*Prerequisite: Consent.*
- MSL 4010** (4)  
**Leadership Challenges and Goal Setting**  
 Develops proficiency to plan, execute, and assess complex operations; function as a staff member, provide leadership performance feedback to subordinates. Situational opportunities to assess risk, make ethical decisions, and provide coaching to fellow ROTC cadets; challenged to analyze, evaluate, and instruct younger cadets. (2.5 Lecture, 1.5-hours Lab).  
*Prerequisite: MSL 3060 or consent.*
- MSL 4020** (4)  
**Transition to Lieutenant**  
 Explores dynamics of leading in complex situations of current military operations. Examines differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. Interaction with non-government organizations, civilians on the battlefield, and host nation support are examined and evaluated. Case studies, scenarios, and "What Now, Lieutenant?" exercises prepare cadets to lead as commissioned officers in the U.S. Army. (2.5 Lecture, 1.5-hours Lab)  
*Prerequisite: MSL 4010 or consent.*

**MSL 4990 (V)**

**Advanced Military Research**

Directs the student to conduct detailed research on a military topic and present to the department leadership plus assist MSL 4000 series students on a battle analysis. Repeatable up to eight credits. Must be in Military Science and Leadership Program or Military Service member in junior or greater standing.

*Prerequisite: Department approval.*

**MULT – Multi Media**

**MULT 1050 (3)**

**Point, Shoot, Edit**

This course introduces still photography, videography, and nonlinear digital editing to beginners or those seeking to improve their production and editing skills. Instruction provides students with the technical knowhow and context necessary to set up a production shoot, operate and HD/SLR camera in still and video modalities, record sound and edit with digital, nonlinear software. Students will create original intellectual property and build digital portfolio material. The use and purpose of the static and moving image, composition, color, lighting and proxemics will be explored through in-class instruction and home-based experimentation.

**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)**

**Global 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: Any WC&IL II 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: Any WC&IL II 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 WC&IL II 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, or MULT 2060; any WC&IL II 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 course 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 1050 or 1100. Undergraduate 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 3465 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; WRI 3320.*

**MULT 3651 (3)**

**Game Design**

An introduction to the many types of computer game design. This course reviews the design and theory 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 designing 2D games in JavaScript/HTML5 and 3D games in systems such as the Unreal Engines. Course also briefly covers interactive narrative text adventures, mobile games, and game Artificial Intelligence.

*Prerequisite: MULT 3475.*

**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: Any WC&LL II course; MULT 2060*

**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 intercultural communication and goodwill 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)**

**Advanced Cinematic Production**

This is a capstone production course that provides students the

opportunity to create an advanced audio-visual production. Projects can be fact-based documentary productions, or fictional cinematic narrative productions. Projects require a pitch presentation that includes a treatment, script, student crew members, and a production plan. The production must be approved by a panel of Communication faculty.

*Prerequisite: MULT 3560 or 3600.*

**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 I 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 4100 (3)**  
**Visual Culture and Media Theory**

MULT 4100 Visual Culture and Media Theory is an advanced critical media studies course, a capstone for the Critical Media Studies major, and an elective in the Multimedia Cinematic Production degree program. Critical analysis of media culture demands engagement across a broad spectrum of theoretical models and applications. This course surveys contemporary trends in media theory and guides students in research methods and interdisciplinary approaches to visual and mediated culture. As a capstone, the course provides an opportunity for students in the CMS major to reflect upon their course of study in the major.

*Prerequisite: MULT 2000 or COM 3260; and ENG 2301 or 3330.*

**MULT 4590 (3)**  
**Feature Film Screenwriting**

Feature Film Screenwriting introduces long form narrative screenwriting for the cinema. Students in this course will study narrative design and screenwriting techniques. The course is project-oriented and the final deliverable is a feature-length narrative screenplay. The course explores story structure, synopsis, step-outline, treatment writing, character development, characterization, plot strategy, narrative theory, screenplay format, building scenes, genre analysis, subplot, dialogue, future-building and other screenwriting techniques and conventions. Participants will engage in a rigorous process of close textual analysis of their own and other screenplays. The course encourages the screenwriter to write about things they know and care passionately about.

**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; any WC&L II 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 1000 (3)**  
**Musical 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 1000 (1)**  
**Beginning Hula Performance**

Beginning Hula Performance enables students to develop proficiency in basic hula movements and perform chants and hula of Hawai'i. Students will express their dance and vocal talents through hula and chant, develop an appreciation for the stories and beloved places of Hawai'i, and learn about the performance practices and traditions of hula. Performance venues may include campus events and shows for the wider community. This course is repeatable for credit

**MUS 1000 (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)**  
**Musical 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: Any WC&L I; may be taken concurrently.*

**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: Any WC&IL II course.*

**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: Any WC&IL II course.*

**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: Any WC&IL II course.*

**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, U.S. 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, U.S. 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 WC&IL II course.*

**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 Hawai'i 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 WC&IL I 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 Hawai'i 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 WC&IL II 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 (2)**

**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. **Capstone course.**

*Prerequisite: Graduate standing.*

**NSCI 6112 (1)**

**Graduate Seminar I**

This course is a continuation of NSCI 6110 Graduate Seminar I. The course is designed to help graduate students plan their thesis research project by writing a detailed proposal outlining their proposed research projects. This will include describing a problem, developing a testable hypothesis, designing a sampling and analytical plan, and developing a time-line for data collection and analysis.

*Prerequisite: NSCI 6110 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. **Capstone course.**

*Prerequisite: NSCI 6110. Graduate standing.*

**NSCI 6130 (2)**

**Communicating Marine Science**

This course is designed to give graduate students the skills necessary to communicate foundational scientific concepts and specific details of their research to diverse audiences in both oral and written format. To this end, students will practice their written and oral communication skills by completing in-class activities and written assignments.

**NSCI 6450 (3)**

**Teaching Undergraduate Science**

An introduction to the pedagogy of science teaching, including lesson planning, assessment, technology, and inquiry-based methods. The modern college classroom is high tech, experiential, and flexible, to match the needs of modern students. Engagement in classroom technology and field experiences will be used to introduce students to a diversity of teaching approaches.

**NSCI 6900 (1 to 6)**

**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 master's thesis. Variable credits. **Capstone course.**

*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. **Capstone course.**

*Prerequisite: Graduate standing.*

**NUR – Nursing**

**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 WC&IL II course; BIOL 2030\*, 2031\*, BIOL 2032\*, BIOL 2033\*, CHEM 1000, CHEM 2030. (\*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 WC&IL II course; BIOL 2010\*, 2030\*, 2031\*, 2032\*, 2033\*; CHEM 1000, 2030; MATH 1115 or 1130. (\*Must have a grade of C- or higher..)*

**NUR 2910 (3)**

**PathoPharmacology**

This course analyzes and applies pathophysiologic processes to the care and promotion of wellness across the lifespan appropriate to the professional nurse role. Major drug classes and prototypical drugs are presented with specific application to nursing care guided by the nursing process. Emphasis is on the study of alterations in processes that affect the body's dynamic integration and homeostasis.

*Prerequisite: Admission to Level One Nursing.*

**NUR 2920 (4)**

**Foundations of Professional Nursing**

This course introduces students to the values, knowledge, and skills that are the foundation for safe, evidence-based professional nursing practice. As an integrated lecture and laboratory course, students will have the opportunity to acquire new knowledge and immediately apply that knowledge in a laboratory setting.

*Prerequisite: Admission to Level One Nursing.*

**NUR 2921 (1)**

**Foundations of Professional Nursing Laboratory**

This course focuses on health history and physical assessment skills across the lifespan. Students will learn to assess healthy individuals as well as individuals with a health concern who are in the hospital or community settings.

*Prerequisite: Admission to Level One Nursing.*

**NUR 2923 (3)**

**Foundations of Professional Nursing Clinical**

This course introduces students to the values, knowledge, and skills that are the foundation for safe, evidence-based, professional nursing practice. As an integrated lecture and laboratory course, students will have the opportunity to acquire new knowledge and immediately apply that knowledge in a laboratory setting. This course focuses on facilitating the student's abilities to understand and begin to safely and competently practice the roles of the professional registered nurse and is designed to begin the student's growth towards becoming a beginning nurse.

*Prerequisite: Admission to Level One Nursing.*

**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\* or 2963\*, 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 WC&IL II course; BIOL 2030\*, BIOL 2031\*, BIOL 2032\*, BIOL 2033\*, CHEM 1000, CHEM 2030. (\*Must have a grade of C- or higher.) *Co-requisite:* 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. (\*Must have a grade of C- or higher); any WC&IL II course. *Co-requisite:* 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 2963 (1)**

**Communication for Health Care Professionals**

An introduction to professional and therapeutic communication concepts and techniques integral to the relationship between the nurse and professional colleagues and the nurse and patients and families. Included are basic communication and interpersonal theories, the role of self in communication, and group process. The course integrates theory, concepts, and skills development.

*Prerequisite:* BIOL 2030\*, BIOL 2031\*, BIOL 2032\*, BIOL 2033\*, CHEM 1000, CHEM 2030. (\*Must have a grade of C- or higher..)

**NUR 2965 (3)**

**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 WC&IL II course; BIOL 2030\*, BIOL 2031\*, BIOL 2032\*, BIOL 2033\*, CHEM 1000, CHEM 2030. (\*Must have a grade of C- or higher. *Co-requisite:* 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 Hawai'i Pacific University

School of Nursing.

*Prerequisite:* A grade of C- or higher in any WC&IL II course; BIOL 2030, BIOL 2031, BIOL 2032, BIOL 2033, CHEM 1000, CHEM 2030. *Co-requisite:* 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\*\* or 2963\*\*^, (\*Must have a grade of C- or higher; \*\*must have a grade of C or higher; ^may be taken concurrently); any WC&IL II course. *Co-requisite:* NUR 2971.

**NUR 2971 (1)**

**Comprehensive Health Assessment Laboratory**

Lab component for NUR 2970.

*Prerequisite:* A grade of C- or higher in any WC&IL II course; BIOL 2030\*, 2031\*, 2032\*, 2033\*; CHEM 1000, 2030; NUR 2950\*\*^, 2951\*\*^, 2960\*\*/2961\*\* or 2963\*\*^ (\*Must have a grade of C- or higher; \*\*must have a grade of C or higher; ^may be taken concurrently). *Co-requisite:* 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.

*Co-requisite:* 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.

*Co-requisite:* NUR 2972.

**NUR 2980 (3)**

**Mental Health Nursing**

Mental Health or Psychiatric Nursing provides an examination of the core concepts of mental health and mental illness across the lifespan. The influence of stress and trauma on biological, emotional, mental, cultural and spiritual well-being will be examined. The role of the psychiatric nurse in providing care to people experiencing emotional and behavioral distress will be a focus of the class. Appropriate application of nursing modalities including: self-reflection, psychotropic medications, milieu therapy, crisis intervention, and therapeutic communication skills will be integrated throughout the course. A clinical component (NUR 2981) must be taken concurrently.

*Prerequisite:* Admission to Level One Nursing.

**NUR 2981 (2)**

**Mental Health Nursing Clinical**

This clinical component of NUR 2980 focuses on critical thinking and application of the nursing process in psychiatric, medical, and community settings working with patients and families who are experiencing emotional/psychological and behavioral distress. Students will be working with individuals and families across the lifespan. Students will be performing

mental status assessments, assisting patients and family members in all settings to identify needs and develop coping behaviors and learn how to problem-solve to reduce distress.  
*Prerequisite:* Admission to Level One Nursing.

**NUR 3025 (3)**  
**Sexuality in Health & Society**

This course explores advanced understandings of human sexuality through a multi-disciplinary approach combining pedagogies, students and faculty from different departments in the College of Health and Society. Concentrations will include: 1) Bio-medical sexuality: sexual and reproductive health and disease, anatomy, and physiology; 2) psychosexual development: relationships, marriage, and family systems, sexual dysfunction and trauma; and 3) sexuality education and other organizational efforts that impact sexual behavior and health; 4) sociopolitical issues: sexuality education; historical, legal, political, social and ethical issues impacting sexuality.

*Prerequisite:* Any WC&IL II course.

**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)**  
**Concepts and Issues for Professional Nursing**

This course is designed for the Registered Nurse as a “bridge course” between the Associate Degree or Diploma program and the Baccalaureate degree. It facilitates the transition to baccalaureate level nursing through collegial exploration of the practice of nursing in the healthcare system today in American and of the unique practice of nursing by each individual nurse.

*Prerequisite:* Admission to the BSN program, RN-BSN Pathway.

**NUR 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 WC&IL II course.

**NUR 3890 (2)**  
**Interventions Lab**

This interventions lab course provides students with the opportunity to learn and practice the skills and procedures used in everyday nursing practice with accuracy and increasing speed and confidence in a mock-hospital environment. The course is intended to provide the student varied lab experiences so that he/she can integrate theory, clinical judgement, technical skills, and competencies prior to their application in the clinical setting, and thereby assist the student in transitioning from the classroom to the clinical setting.

*Prerequisites:* NUR 3962/3963; NUR 3980/3981; NUR 2985/3986. *Co-Requsite:* NUR 3964/3965-Adult Health II.

**NUR 3900 (2)**  
**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\*<sup>^</sup>, 3965\*<sup>^</sup>, 3970\*, 3971\*, 3980\*, 3981\*, 3985\*, and 3986\*. (\*Must have a grade of C or higher; <sup>^</sup>can be taken concurrently).

**NUR 3901 (2)**  
**Leadership and Management in Nursing Laboratory**

This course provides the student with a leadership practicum experience designed in collaboration with a faculty member, practicum representative, in an appropriate health care or community-based care setting. Students will integrate knowledge of evidence-based practice, quality and safety initiatives, and leadership to design, implement, and lead an interdisciplinary team project that will improve client outcomes.

**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; any WC&IL II 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; any WC&IL II 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:* any WC&IL II 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 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:* Any WC&IL II 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 Hawai'i**  
 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 Hawai'i. The goal is to improve health outcomes and the quality of health care to diverse cultures through the development of cultural competency.  
*Prerequisite:* Any WC&IL II 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 (1)**  
**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 2040; CHEM 2030; NUR 2300\*, 2301\*, 2930\*, 2950\*, 2951\*, 2960\*/2961\* or 2963\*, 2970\*, and 2971\* (\*Must have a grade of C or higher; ^ may be taken concurrently.) Co-requisite: NUR 3953.
- NUR 3953 (2)**  
**Gerontologic Nursing Laboratory**  
 Clinical component for NUR 3952.  
*Prerequisite:* BIOL 2040; CHEM 2030; NUR 2300\*, 2301\*, 2930\*, 2950\*, 2951\*, 2960\*/2961\* or 2963\*, 2970\*, and 2971\* (\*Must have a grade of C or higher; ^ may be taken concurrently.) Co-requisite: 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 2040\*; CHEM 2030\*; NUR 2300\*, 2301\*, 2930\*, 2950\*, 2951\*, 2960\*/2961\* or 2963\*, 2970\*, and 2971\*, 3952\*^, and 3953\*^\*. (\*Must have a grade of C or higher; ^may be taken concurrently.) Co-requisite: NUR 3963.
- NUR 3963 (3)**  
**Adult Health Care I Laboratory**  
 Clinical Component for NUR 3962.  
*Prerequisite:* BIOL 2040\*; CHEM 2030\*; NUR 2300\*, 2301\*, 2930\*, 2950\*, 2951\*, 2960\*/2961\* or 2963\*, 2970\*, and 2971\*, 3952\*^, and 3953\*^\*. (\*Must have a grade of C or higher; ^may be taken concurrently.) Co-requisite: NUR 3962.
- NUR 3964 (3)**  
**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.) Co-requisite: 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.) Co-requisite: 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 2930, 3952\*, 3953\*, 3962\*, 3963\*, and PSY 3600. (\*Must have a grade of C or higher.) Co-requisite: NUR 3971.
- NUR 3971 (2)**  
**Altered Mental Health Patterns Laboratory**  
 Clinical component for NUR 3970.  
*Prerequisite:* NUR 2930, 3952\*, 3953\*, 3962\*, 3963\*, and PSY 3600. (\*Must have a grade of C or higher.) Co-requisite: 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 WC&IL II 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 WC&IL II course\*; PSY 1000. (\*Must have a grade of C- or higher.)
- NUR 3974 (3)**  
**Forensic Science Experiential Learning**  
 This capstone course 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 WC&IL II course; NUR/CJ 3550, and NUR3973.
- NUR 3980 (2)**  
**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 2930, 3952\*, 3953\*, 3962\*, and 3963\*.  
*(\*Must have a grade of C or higher.) Co-requisite:* NUR 3981.

**NUR 3981 (1 to 2)**

**Childbearing Family Laboratory**

Clinical component for NUR 3980.

*Prerequisite:* NUR 2930, 3952\*, 3953\*, 3962\*, and 3963\*.  
*(\*Must have a grade of C or higher.) Co-requisite:* 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 2930, 3952\*, 3953\*, 3962\*, and 3963\*.  
*(\*Must have a grade of C or higher.) Co-requisite:* NUR 3986.

**NUR 3986 (1)**

**Child and Family Health Lab**

Clinical component for NUR 3985.

*Prerequisite:* NUR 2930, 3952\*, 3953\*, 3962\*, and 3963\*.  
*(\*Must have a grade of C or higher.) Co-requisite:* 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 (2)**

**Comprehensive Health Care**

NUR 4950 Comprehensive Health Care facilitates the student's understanding the higher level of patient care in acute and post-acute settings. It encompasses application of the physiologic, psychosocial, spiritual, and cultural aspects of nursing care. NUR 4950 is the didactic portion of NUR 4951 and both must be taken concurrently.

*Prerequisite:* NUR 3964\*, 3965\*, 3900\*, and 4700\*  
*(\*Must have a grade of C or higher.) Co-requisite:* NUR 4951.

**NUR 4951 (4)**

**Comprehensive Health Care Laboratory**

NUR 4951 is a clinical component of NUR 4950 and must be taken concurrently with NUR 4950.

*Prerequisite:* NUR 3964\*, 3965\*, 3900\*, and 4700\*.  
*(\*Must have a grade of C or higher.) Co-requisite:* NUR 4950.

**NUR 4960 (2)**

**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. **Capstone course.**

*Prerequisite:* NUR 3964\*, 3965\*, 3900\*, and 4700\*.  
*(\*Must have a C or higher.) Co-requisite:* NUR 4961.

**NUR 4961 (4)**

**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.) Co-requisite:* 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 5001 (3)**

**Foundations for Teaching and Learning in Nursing Education**

This online course covers educational theory and teaching/learning strategies. There is an emphasis on diversity as well as learning styles. External issues and trends that impact nursing education will be explored to help prepare the nurse educator to address educational issues both in a clinical and academic setting.

**NUR 5002 (3)**

**Curriculum Development and Evaluation in Nursing Education**

This online course is designed to give the learner practical experience in curriculum and course design. The course addresses foundational topics such as program mission, philosophy, and organizational framework. In addition, program and course evaluation are explored.

*Prerequisite:* NUR 5001.

**NUR 5003 (3)**

**Clinical Nursing Education**

Course focuses on developing educator skills to teach in a clinical setting. This includes developing appropriate patient and staff education materials. The course content aids the student in understanding interdisciplinary team approach from the educator's perspective and developing skills to teach students in the clinical setting.

*Prerequisite:* NUR 5001, NUR 5002.



- NUR 5004** (3)  
**Innovations in Nursing Education**  
 This online course provides the learner with practical experience in the application of innovative teaching strategies. Students apply and analyze the theories, competencies, and concepts of the two previous courses. Current issues and trends in health care and nursing are also explored.  
*Prerequisite:* NUR 5001, NUR 5002.
- 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 evidence-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 the 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, compensation, benefit 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. Co-requisite: 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. Co-requisite: 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.* *Co-requisite:* 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. (4 credits)

*Prerequisite:* NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. *Graduate standing in nursing.* *Co-requisite:* 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.* *Co-requisite:* 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.* *Co-requisite:* NUR 6954.

**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.* *Co-requisite:* NUR 6961.

**NUR 6961 (3)**  
**Practicum I**

Applied advanced practice nursing knowledge, reasoning, 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, 6030 and 6960 *Graduate standing in nursing.*

**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.* *Co-requisite:* NUR 6963.

**NUR 6963 (5)**  
**Practicum II**

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, 6030, 6960. *Graduate standing in nursing.*

**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.* *Co-requisite:* NUR 6965.

**NUR 6965 (3)**  
**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, 6030, 6962, 6964 and 6966. *Graduate standing in nursing.*

**NUR 6966 (3)**

**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 and 6030. *Graduate standing in nursing.*

**NUR 6967 (3)**

**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, 6030, 6962, 6964 and 6966. *Graduate standing in nursing.*

**NUR 6969 (3)**

**Practicum V**

This elective is designed to advanced practice nursing knowledge, reasoning, and intervention skills for the prevention of disease, health promotion, and treatment of illness of family practice to include adults, children, or geriatric adults.

*Prerequisite:* NUR 6000, 6005, 6010, 6015, 6020, 6030, 6960, 6962, 6964 and 6966. *Graduate standing in nursing and permission from the Dean.*

**NUR 6980 (3)**

**Fundamentals of Acute Care I**

This evidence based course investigates the evaluation and management of adult and gerontologic populations experiencing acute and critical illnesses, including disease classification, epidemiology, pathogenesis, clinical manifestations, assessment and diagnostic evaluation. An emphasis is placed on advanced clinical decision making integrating advanced pharmacology, psychosocial, cultural, spiritual factors, genetics and the impact of aging.

*Prerequisite:* completion of the core courses: NUR 6000, 6005, 6010, 6015, 6020, 6025, 6030 or the equivalent for those in the Post-Masters' Certificate.

**NUR 6982 (3)**

**Advanced Clinical Diagnostics & Technology**

This didactic and Sim Lab course focuses on critical care diagnostics and management technologies to include ABG analysis and ventilation management, cardioversion and pacing, lab, radiology and CT interpretation. Emphasis is on

performance of a comprehensive history and examination, analysis of biotechnological data trends, differential diagnosis and clinical decision making in critically ill adults.

*Prerequisites:* NUR 6000, 6006, 6010, 6015, 6020, 6025, 6030.

**NUR 6983 (3)**

**Fundamentals of Acute Care II**

This evidence-based course investigates the evaluation and management of adult and gerontologic populations experiencing acute and critical illnesses, including disease classification, epidemiology, pathogenesis, clinical manifestations, assessment and diagnostic evaluation. An emphasis is placed on advanced clinical decision making integrating advanced pharmacology, psychosocial, cultural, and spiritual factors.

*Prerequisites:* NUR 6980 and NUR 6982.

**NUR 6984 (3)**

**A-GACNP Practicum I**

This first practicum course will explore and apply the Adult-Gerontological ACNP role within the infrastructure of American Health Care. The focus will be on the development of ACNP competencies and clinical decision making. Discussions will include reimbursement, billing role development, nursing and medical interventions and other activities implemented in the clinical practicum.

**NUR 6985 (3)**

**Advanced Practice Acute Care III**

This third-evidence based course investigates the evaluation and management of adult & gerontologic populations experiencing acute and critical illnesses, including disease classification, epidemiology, pathogenesis, clinical manifestations, assessment and diagnostic evaluation. An emphasis is placed on advanced clinical decision making integrating advanced pharmacology, psychosocial, cultural, and spiritual factors.

*Prerequisite:* NUR 6980, 6981, 6982.

**NUR 6986 (3)**

**A-GACNP Practicum II**

This second practicum course will explore the expansion and development of ACNP clinical competencies and clinical decision making. Clinical experiences will explore governmental, social and clinical resources to manage the acutely ill populations. The application of advanced nursing, medical, psychosocial, and interdisciplinary communication in patient management will be emphasized.

*Prerequisite:* NUR 6980, 6981, 6982, 6983, 6984.

**NUR 6987 (3)**

**A-GACNP Practicum III**

The third practicum course will solidify the ACNP role with the expansion of advanced clinical competencies and clinical decision making. Clinical experiences will focus and substantiate the utility of comprehensive patient assessment, management and intervention strategies across the continuum of acute care. Seminars will focus on a variety of professional role development.

*Prerequisite:* NUR 6980, 6981, 6982, 6983, 6984, 6985, 6986.

**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 (1 to 3)**

**Professional Paper/Project**

This course is a rigorous culminating scholarly endeavor in which the student will integrate theoretical knowledge, clinical experience, and research in a faculty-guided project proposal.

**Capstone course.**

*Prerequisite:* NUR 6000, 6005, 6010, 6015, 6020, 6030, 6960 and Graduate standing in nursing.

**NUR 8010 (3)**

**Biometry**

This course is designed to provide an introduction to experimental design, hypothesis testing, analysis of data, and data presentation. Topics covered include ANOVA, regression and correlation analysis, experimental design, power analysis, and multivariate analysis. Instruction on statistical methods and theories will be enhanced by conducting analyses using SPSS software and examples drawn from the biological sciences.

*Prerequisite:* Graduate standing in nursing.

**NUR 8020 (3)**

**Informatics, Technology & Data Management for Advanced Practice**

In this course the doctoral student will acquire competencies in using technology systems that capture data on variables for the evaluation of health care, integrating appropriate technologies to translate evolving technical and scientific information. The student will demonstrate information literacy skills in complex decision-making and ability to contribute to the design of clinical information systems that promote safe, quality and cost-effective care.

*Prerequisite:* Admission to DNP.

**NUR 8030 (3)**

**Optimizing Quality in Health Care Systems**

In this course the doctoral student will acquire competencies to continuously improve the quality of systems practices focusing on day-to-day responsibilities and realities of guiding change. The student will evaluate the impact of access, cost, quality, and safety on proposed change. The interaction of organizational structure, care processes, financing, marketing and policy decisions, and regulatory pressures will be examined in relation to quality improvement decisions. *Prerequisite:* Admission to DNP.

**NUR 8040 (3)**

**Business & Finance Essentials for the DNP**

The student will develop knowledge and skills towards the DNP essentials regarding organizational leadership and systems thinking. The topics of health care economics and the business of practice will be examined. Economic concepts and tools will be used to examine issues, costs, and problems pertaining to health care delivery.

*Prerequisite:* Admission to DNP.

**NUR 8050 (3)**

**Development & Implementation of Health Care Policy**

In this course the DNP student will develop knowledge, skills and tools towards the DNP terminal competencies related to policy, policy development, and change, to maintain high quality care while remaining accessible and using scarce resources wisely.

*Prerequisite:* Admission to DNP.

**NUR 8060 (3)**

**Doctoral Project I: Development**

In this course the doctoral student will acquire competencies



to fulfill the leadership role as a nurse educator and/or to fulfill education planning responsibilities in relation to continuous quality improvement programs and translating new knowledge into practice with in organizations. The student will have an opportunity to utilize current technology in current use for developing educational programming.  
Prerequisite: NUR 8010, 8020, 8030, 8040

**NUR 9010 (1-7)**

**Doctoral Project I: Development**

In this course the DNP student will refine and make preparations for implementation of the project proposal at a practice site with in their state of licensure. The final project proposal will be submitted to the HPU IRB and the research review process of the project site.

*Prerequisite: Admission to DNP.*

**NUR 9020 (1-7)**

**Doctoral Project II: Implementation**

In this course, the DNP student will refine and make preparations for implementation of the project proposal at the practice site within their state of licensure. The final project proposal will be submitted to the HPU IRB and the research review process of the project site.

*Prerequisite: Admission to DNP.*

**NUR 9030 (1-7)**

**Doctoral Project III: Data Analysis and Dissemination**

Under the guidance of their academic and external advisors, the doctoral student will analyze the results of their selected project by analyzing data, evaluating project outcomes, and disseminating results within the organization, the university, and the professional community. Findings will be disseminated in the form of a publishable scholarly paper and an oral community presentation.

*Prerequisite: Admission to DNP.*

**OC – Organizational Change**

**OC 6005 (3)**

**Scope and Methods of Research**

OC 6005 is a course designed for MAOC 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 MAOC program of studies. OC 6005 provides a foundation in applied research that will be used to complete applied research assignments in all of the remaining OC courses. OC 6005 must be completed no later than in the second semester in a student's 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)**

**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.

**OC 6442 (3)**

**Culture and Human Organizations**

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 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.*

**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)  
**Assessing Culture**  
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.  
*Prerequisite: Graduate standing.*

**OC 6449** (3)  
**Applications of Cultural Competence**  
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.  
*Prerequisite: Graduate standing.*

**OC 7000** (3)  
**Applied Research**  
Applied Research requires the development of a publishable quality applied research project/paper at the graduate level. Students enrolled in this course should be in the MAOC program.  
*Prerequisite: OC 6005 and 21 additional credits in MAOC courses. Graduate standing.*

## **PADM- Public Administration**

**PADM 1000** (3)  
**Introduction to Leadership**  
This course is an introduction to the administrative processes needed in government. It introduces students to the theories human behavior, cognition, and emotion. Students will be able to explore self-leadership using a psychometric questionnaire such as the Myers-Briggs Type Indicator.

**PADM 2000** (3)  
**Supervisory Leadership**  
This course is an exploration of the nature and

responsibilities of the supervisor. Topics covered include: work environments; technologies and supervisory styles; tools for decision-making; supervisory functions; scheduling, staffing, directing, and controlling. This includes career skills involving both personal planning and interpersonal relations and skill areas as time keeping, goal setting, negotiations, assertiveness, and networking.

*Prerequisite: PADM 1000 and any WC&IL II course.*

**PADM 3000** (3)  
**Analytical Techniques and Methods**  
This course studies statistical techniques and quantitative methods for decision-making in an administrative environment. Topics include numerical and graphical descriptive statistics, probability and probability distributions, statistical inference, decision making under uncertainty, forecasting, correlation, and regression analysis, linear programming, project management, and simulation.  
*Prerequisite: MATH 1105 or higher.*

**PADM 3300** (3)  
**Public Policy**  
This course examines the making of public policy in the United States. Our study of policymaking will be based on the proposition that an understanding of policymaking depends upon an understanding of institutions and political behavior. The course begins with an overview of the public policy process, examining the stages of policymaking and theories of the policy process. These theories are discussed in the context of specific public policies and public policy controversies, including social welfare, defense, tax policy, and other important issues.  
*Prerequisite: PSCI 3200.*

**PADM 3400** (3)  
**Public Personnel Administration**  
This course examines the administration of the civil service system. Representative topics include civil service reform and the relationship of public personnel administration and organizational performance. The rights and responsibilities of public employees, patterns of discrimination and the changing workforce will also be discussed in the context of public policies, law and court rulings. Students will have an understanding of public personnel administration necessary to steward a valuable public resource competently within the limitations on the exercise of government authority while adhering to the values enumerated in the U.S. Constitution.  
*Prerequisite: HRD 1000 OR PADM 1000 course; and CJ 3000.*

**PADM 3500** (3)  
**Public Finance and Budgeting**  
The course provides an overview of the processes, techniques, and political/administrative aspects of public budgeting and finance for federal, state, and local governments in the United States. The purpose of this course is to introduce students to the theories, concepts, and practice of government budgeting and finance and to expose them to the current issues and challenges in this field. This course also provides students with both theoretical perspectives and practical analytical skills involved in understanding, analyzing and preparing budgets.  
*Prerequisite(s): PADM 3000 and any WC&IL II course with a grade of C- or higher.*

**PADM 3600** (3)  
**Non-Profit Management**  
This course is designed to provide an introduction to the leadership skills needed to be successful in the non-profit sector in the United States. Topics covered in this course include the nature and scope of non-profit organizations. Other topics include mission statements, ethics and cohesion,

leadership, building organizational capacity, fundraising and revenue generation; building and sustaining relationships with external constituencies; finding, training, and supervising volunteers, governance and boards of directors, evaluation of operations and programs; and sustainability of non-profit organizations.

*Prerequisite(s): Any WC&IL II course with a grade of C- or higher.*

**PADM 3700 (3)**  
**Urban Government**

The study of urban governance provides a valuable insight into economic, social, and political forces and how they shape city life. This innovative course casts new light on the issues and re-examines the state of urban governance at the start of the twenty-first century. Models of urban governance such as corporatist, pro-growth, and welfare are assessed in terms of implications for the major issues, interests, and challenges in the contemporary urban arena.

*Prerequisite(s): PSCI 3415.*

**PADM 4000 (3)**  
**Strategic Planning for Government Organizations**

This course is a capstone, a summary and integration of knowledge and skills gained in the Public Administration program. It is a strategic planning course at the city, state, and federal level with issues from the City and County of Honolulu, the State of Hawai'i, the U.S. Federal Government and other government entities located in the Pacific basin. Topics include a clarification of mandates, mission, vision, and values; a situational analysis involving both the internal and external environments; the identification of the strategic issues facing those government entities, and the strategic plan for achieving the goals of the organization.

*Prerequisite: Advisor approval.*

**PADM 6000 (3)**  
**Introduction to Public Administration and Public Service**

This course provides insights into the theory, practice, and the interdependence and administration of government and non-profit organizations at the federal, state, and city level. As such, it also provides an introduction to research methodologies in order to facilitate research projects required in some of the other MPA courses. Topics include a select history of these institutions in the U.S., a summary of the essential principles and issues relating to social, cultural, and legal matters that are relevant to the management of public service organizations and an understanding of ethics and accountability as it relates to the public sector. *Prerequisite: Graduate standing.*

**PADM 6100 (3)**  
**Public Personnel Management**

This course introduces traditional and contemporary issues in public personnel administration. It examines the historical context and legal rights and responsibilities that public administrators encounter. Various components of personnel administration are covered including recruitment and selection, position management and classification, compensation, performance appraisal, unions and collective bargaining, and employee development.

*Prerequisite: Graduate standing.*

**PADM 6300 (3)**  
**Statistical Analysis for Effective Decision-Making**

This course studies statistical and quantitative tools and concepts as applied in public administration. Topics include: probability theory, descriptive statistics, statistical inference, regression analysis, decision theory, linear models, linear programming, network analysis, and simulation. It emphasizes practical aspects of applying such methods, appropriately interpreting the results of these statistical

analysis tools, and gaining a meaningful understanding of how statistical analysis can be used to solve public administration problems. Use of computer tools for carrying out statistical analysis (SAS or SPSS) is also a major emphasis.

*Prerequisite: Graduate standing.*

**PADM 6400 (3)**  
**U.S. Public Policy**

This course examines the making of public policy in the United States. Our study of policymaking will be based on the proposition that an understanding of policymaking depends upon an understanding of institutions and political behavior. The course begins with an overview of the public policy process, examining the stages of policymaking and theories of the policy process. These theories are discussed in the context of specific public policies and public controversies as the impact America's economy. *Prerequisite: Graduate standing.*

**PADM 6500 (3)**  
**Economics for Decision-Makers**

This course introduces the primary concepts and methods of economics as they apply to decision making problems within various organizational settings such as a non-profit organization or a government agency. It covers the basics of both microeconomics and macroeconomics. In microeconomics, the focus is on learning economic analysis tools and developing economic way-of-thinking skills. In macroeconomics, the focus is on analyzing the process of decision making in a macroeconomic context. Throughout the course, students will learn that knowledge of economics and methodology of economic analysis leads to practical, informed, and sound decisions. *Prerequisite: Graduate standing.*

**PADM 6510 (3)**  
**Public Finance**

This course provides an introduction to the theory and practice of public finance. Students learn the theoretical concepts and tools of public finance and apply them in the practice of public administration. It covers a wide range of issues in public finance with a focus on current policy debates and controversies regarding taxation and government spending in the U.S.. Topics covered include market failure, the provision of public goods, cost-benefit analysis, public expenditures, government taxation, and the principles of government finance. *Prerequisite: Graduate standing.*

**PADM 6600 (3)**  
**Strategic Thinking for Non-profit Organizations**

This course is designed to provide an introduction to the leadership skills and strategic thinking needed to be successful in the non-profit sector in the United States. Topics covered in the course include the nature and scope of non-profit organizations, mission statements, ethics and cohesion, leadership, building organizational capacity, fundraising and revenue generation, building and sustaining relationships with external constituencies; finding, training, and supervising volunteers, governance and boards of directors, evaluation of operations and programs, and sustainability of non-profit organizations. *Prerequisite: Graduate standing.*

**PADM 6610 (3)**  
**City Management and Urban Policy**

The study of urban governance provides a valuable insight into economic, social, and political forces and how they shape city life. This innovative course casts new light on the issues and re-examines the state of urban governance at the start of the twenty-first century. Models of urban governance such as management, corporatist, pro-growth, and welfare are assessed in terms of implications for the major issues, interests, and challenges in the contemporary urban arena.

*Prerequisite: Graduate standing.*

- PADM 6640** (3)  
**Diversity in the Workplace**  
 As the work force changes domestically and globally, individual and organizational strategies for working cross-culturally and ethically must be adopted. This course looks at the diversity in society and how organizations need to reflect on those diversities to allow it to offer more adequate services. The purpose of this course is to increase an understanding of relevant human differences in organization and to develop behavioral skills for working with these differences, and to show that using the diversity at all levels within the organization helps to provide a wider range of solutions to all kinds of problems. *Prerequisite: Graduate standing.*
- PADM 6998** (3)  
**Special Topics in Public Administration**  
 This course provides an opportunity for students to explore other areas directly related to the public administration curriculum but not included in the program of study. These special topics would be offered based on student interest and current events. Course content will vary and may be repeated as topics change. Examples include potential courses in public personnel administration, grant writing, group dynamics in the public sector, violence in American society, and disaster preparedness and response. *Prerequisite: Graduate standing.*
- PADM 7001** (3)  
**Professional Paper I**  
 This capstone is the first of two courses required near the end of the student's MPA Program. It is, first, a review of the salient points from the program of study which culminate in a comprehensive exam. Second, it is a preparation for Professional Paper II, which gives the student the option of researching and writing a thesis on a public administration issue or completing an applied research project. It will be team taught using topic matter experts (appropriate MPA Program faculty) and HPU's Reference Librarian staff, as needed. *Prerequisite: Advisor approval.*
- PADM 7002** (3)  
**Professional Paper II**  
 This capstone is the first of two courses required near the end of the student's MPA Program. It is, first, a review of the salient points from the program of study which culminate in a comprehensive exam. Second, it is a preparation for Professional Paper II which gives the student the option of researching and writing a thesis on a public administration issue or completing an applied research project. It will be team taught using topic matter experts (appropriate MPA Program faculty) and HPU's Reference Librarian staff, as needed. *Prerequisite: Program Chair approval.*
- PE- Physical Education**
- PE 1700** (3)  
**First Aid for Sports**  
 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.
- PE 2110** (1)  
**Sports and Fitness - Aerobic Exercises**
- PE 2111** (1)  
**Sports and Fitness - Cardio Kickboxing**  
 Repeatable for a total of 2 credits.
- PE 2112** (1)  
**Beginning Yoga**  
 Introduces popular styles of yoga and common positions.
- PE 2113** (1)  
**Sports & Fitness: Martial Arts**  
 Introduces the basics of martial arts and self-defense techniques as fun way to exercise. The martial art of primary focus will currently be aikido. No previous martial arts experience required.
- PE 2130** (1)  
**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)  
**Contemporary 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.
- PH- Public Health**
- PH 1000** (3)  
**Introduction to Personal and Community Health**  
 This is an introductory course in the study of health science content areas that familiarizes students to the study of health and wellness involving mental and emotional, family/social, spiritual, physical, and environmental health. Key components of the course emphasize personal responsibility and healthy behaviors. Students will also examine how Hawaiian culture relates to health promotion, disease and disability prevention, treatment, and control.
- PH 1100** (3)  
**Introduction to Human Sexuality**  
 This course will introduce students to the subject of human sexuality from a broad perspective with particular attention to the multiple dimensions of sexual health: physical, psychological, developmental, and interpersonal. Topics include reproductive anatomy/physiology, gender identity, love and intimacy, pregnancy and birth, sexually transmitted infections, and sexuality across the lifespan. Course goals are to present factual information, emphasize healthy

behaviors, and promote scholarly examination of personal, social, and ethical factors in sexual expression. Sex is an appropriate and important topic of study, and our understanding will be enhanced by reading about, thinking about, and discussing many aspects of human sexuality.

**PH 1200 (3)**

**Introduction to Public Health Professions**

This course explores how the historical development of human societies led to the creation and evolution of the public health field, and how this has altered the course of human history. Students will explore the philosophical and scientific underpinnings of public health, and the factors that have shaped the development of modern public health services. The evolution of modern public health structures and functions will be examined within the context of society structure, historical events, and scientific understanding. Concepts of population health, disease control/prevention, disability, and premature death will be examined through discussion of contemporary and historical case studies.

**PH 1300 (3)**

**Public Health Ethics**

This course will explore the complex ethical issues in public health policies, research, and practices. Students will learn the evolution and many dimensions of public health ethics from local to international as well as from historical to present-day cases, ranging from individual health, community health, and environmental health. The roles of politics, culture, morals, and philosophical theories will also be examined.

**PH 2010 (3)**

**Drugs and Society**

Students will critically analyze the history, trends, future outlook, and issues regarding drugs, drug use, and misuse, as well as the attitudes, values, policies, and practices of diverse groups, communities, and populations. This course takes a multidisciplinary approach to study the effects of drug use and misuse (e.g., over-the-counter drugs, illicit drugs, tobacco, and alcohol) on human physiology and society. Community and population health promotion are emphasized in this course.

*Prerequisite: Any WC&IL II course.*

**PH 2020 (3)**

**Human Disease**

This course reviews normal human anatomy and physiology and then integrates abnormal human anatomy and physiology by organ systems. Pathology, clinical manifestations, medical diagnosis, medical treatment, and public health interventions to prevent and control diseases are discussed.

*Prerequisite: Any WC&IL I course (may be taken concurrently).*

**PH 2060 (3)**

**Comparative Healthcare Systems**

This course will compare and contrast the provision, funding, and governance of healthcare programs across a variety of healthcare systems around the world. Students will examine the advantages and disadvantages of the different major healthcare systems such as national health service, social insurance, and private insurance. Primary care, curative medicine, and chronic care will also be explored. This course will study healthcare systems from several countries (e.g., United States, Australia, Singapore, Germany, Japan, Netherlands, Taiwan, Britain, New Zealand, Sweden, Canada, Russia, Korea, India, Nigeria, Mexico, and the Philippines).

**PH 3000 (3)**

**Community Health Theory and Practice**

This community health course examines research and

practice areas within community health, such as epidemiology, community organization, program planning, health education, health promotion, minority health, health care, mental health, environmental health, drugs, safety, and occupational health. Best practices are highlighted through case studies.

**PH 3001 (3)**

**Research, Evaluation, and Planning for Public Health**

Evidence-based research in public health. Students will develop and apply the basic skills in scientific reasoning, research methodologies, evaluation and planning for their application to public health practices, critically assess research in the public health 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.

**PH 3015 (3)**

**Culture and Health**

This course explores the relationships and dynamics among various components of culture, health, and illness. Focus is placed on understanding the impact of culture on health, health beliefs, and health practices, with emphasis on different multicultural populations. The impacts of societal norms, legal/political factors, and ethical considerations influencing health education, health promotion, program planning/implementation/evaluation, healthcare policies, service delivery, and health disparities are addressed.

*Prerequisite: PH 2060, NUR 2950, or SWK 2010.*

**PH 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 terms 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, SOC 3200, or any statistics course.*

**PH 3025 (3)**

**Sexuality in Health & Society**

This course explores advanced understandings of human sexuality through a multi-disciplinary approach combining pedagogies, students and faculty from different departments in the College of Health and Society. Concentrations will include: 1) bio-medical sexuality: Sexual and reproductive health and disease, anatomy, and physiology; 2) psychosocial development: relationships, marriage, and family systems, sexual dysfunction and trauma; 3) sexuality education and other organizational efforts that impact sexual behavior and health; and 4) sociopolitical issues: sexuality education; historical, legal, political, social, and ethical issues impacting sexuality. *Prerequisite: Any WC&IL II course.*

**PH 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: PH 3000, PH 3001.*



**PH 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: PH 3000, PH 3001.*

**PH 3050 (3)**

**International Health**

A comparative analysis of global health systems and how those systems influence morbidity and mortality statistics. This course will examine the effects of evidence-based global health promotion and disease prevention programs. Determinants of health status will be discussed such as genetics, access to health care, diseases and disabilities, sustainability, vital statistics, and social justice.

*Prerequisite: PH 3000, PH 3001.*

**PH 3060 (3)**

**Global Aging**

This course uses epidemiological methods to examine aging according to time, place, and person variables. The impact of global aging and challenges to public health and health care systems will be discussed. The shifting structure of support systems such governmental health agencies, United Nations, and non-governmental organizations will be examined.

*Prerequisite: PH 3040.*

**PH 3070 (3)**

**Gerontology Theory & Practice**

Exploration of changing health status and needs in middle age and older adult years. Discussion of psychological, social, spiritual, and physical health issues such as depression, drug use and abuse, social isolation, sexuality, and chronic illness. Health promotional and disease prevention approaches to aging will be discussed, along with discussion on the health care delivery system, including long term care.

*Prerequisite: PH 1000.*

**PH 4000 (3)**

**Environmental Health**

Environmental health is a branch of public health that is concerned with how the environment, both natural and human-made, influences human disease, disability, and premature death. The course focuses primarily on the prevention and control of diseases and disabilities, and how the environment may be modified to reduce risk. Topics such as sustainability, infectious agents, product and food safety, pollutants, injuries, waste management, and occupational health will be examined. Service-learning activities are an integral part of this course.

*Prerequisite: PH 1000, any WC&IL course.*

**PH 4010 (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.

**PH 4020 (3)**

**Social Gerontology**

Examines how health-related theories and social determinants of health are applied in gerontology to explain the health status of middle-aged and older adults. U.S. health care system, epidemiological factors, and life course perspective model will be examined.

*Prerequisite: PH 3070.*

**PH 4030 (3)**

**Practicum II**

This is the second of three required practicum courses designed for students to apply theory and master skills necessary for entry-level positions in public health. A minimum of 126 hours of nonpaid work experience in a pre-professional, managerial, supervisory, or technical setting in a career related area under supervised conditions. Students will focus on Areas III and IV of the Certified Health Education Specialist Responsibilities and Competencies (Area III: Implement Health Education; Area IV: Conduct Evaluation and Research Related to Health Education).

*Prerequisite: PH 3080.*

**PH 4600 (3)**

**Grant writing in the Health Professions**

This course covers the foundations for grant writing in the health professions, and covers assessment, planning, implementation, and evaluation of the grant writing process. It also examines skill development in matching community/school need with grant-funding sources.

*Prerequisite: PH 1000.*

**PH 4910 (3)**

**Practicum III**

This is the final of three required practicum courses designed for students to apply theory and master skills necessary for entry-level positions in health education and health promotion. This course requires a minimum of 126 hours of nonpaid work experience in a pre-professional, managerial, supervisory, or technical setting in a career-related area under supervised conditions. Students will focus on the last three Areas of the Certified Health Education Specialist Responsibilities and Competencies (Area V: Administer and Manage Health Education; Area VI: Serve as a Health Education Resource Person; Area VII: Communicate and Advocate for Health and Health Education).

*Prerequisite: PH 4030.*

**PH 4920 (3)**

**Public Health Capstone Seminar**

This capstone course for Public Health 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: PH 4030.*

**PH 6100 (3)**

**Foundations of Public Health and Advanced Practice Roles**

This course presents overarching frameworks, scientific principles, and responsibilities in public health. Public health

services will be discussed and analyzed. Students will examine the science of protecting and improving the health of populations through research, health promotion, and disease prevention. Advanced practice roles in public health will be examined.

**PH 6120 (3)**  
**Biostatistics**

This course provides an introduction to selected important topics in biostatistical concepts and reasoning essential for use in the understanding of epidemiology, research methods, and program evaluation. Students will analyze current statistical techniques, construct tables and figures, and interpret statistical results.

*Prerequisite: MATH 1123 or equivalent.*

**PH 6140 (3)**  
**Advanced Epidemiology**

This course provides a comprehensive study of patterns of disease and injury in human populations and the scientific processes used to promote health and prevent disease. Students will apply epidemiological methods to explore current public health problems using a variety of study designs and analytical software including SPSS, Excel, and Epi Info.

*Prerequisite: PH 6120 or equivalent graduate-level statistics course.*

**PH 6160 (3)**  
**Social Determinants of Health**

This course will provide an in-depth exploration of the social determinants of health including historical and current racism, sexism, socioeconomic status, education, culture, community and organizational norms, health care, and the built environment. Students will explore personal and others' experiences of these determinants and gain appreciation for their complexity and power. Students will apply these understandings towards public health solutions.

*Prerequisite: PH 6100.*

**PH 6200 (3)**  
**Chronic and Communicable Diseases**

This course examines major chronic and communicable diseases including causes, prevention, and treatment strategies from a public health perspective. Personal behaviors that promote health and reduce premature death and disease will be addressed as well as institutional factors, responses, and strategies.

*Prerequisite: PH 2000 or equivalent undergraduate physiology course.*

**PH 6220 (3)**  
**Health Behavior Change Theory and Program Planning**

This course explores behavior change theories as well as current theories and models for assessing, planning, implementing, and evaluating individual and community health programs. Students will design and analyze health education and health promotion programs.

*Prerequisite: PH 6100, PH 6140.*

**PH 6240 (3)**  
**Multicultural Health**

This course will provide an in-depth exploration of various cultures in the U.S. and the Pacific Rim including ethnic, religious, cultural, historical, sexual and gender, and refugee communities; and people with disabilities. Emphasis will be on learning and applying cultural humility and competence in designing public health interactions that are culturally appropriate and accessible to various communities.

*Prerequisite: PH 6100.*

**PH 6260 (3)**

**Environmental and Occupational Health**

This course focuses on environmental and occupational hazards and their impact on individual and community health and safety. Foci will include risk assessment and characterization, prevention strategies, and historical, political, economic, and policy considerations.

*Prerequisite: PH 6100, PH 6140.*

**PH 6300 (3)**

**Public Health Research Methods**

This course investigates quantitative and qualitative methods used in public health research and program evaluation. Students will apply scientific reasoning, research methods, and evaluation and planning applicable to public health practice. Critically analyze research in public health literature, and develop appropriate research questions with relevant qualitative and quantitative methods.

*Prerequisite: PH 6140.*

**PH 6400 (3)**

**Health Policy, Law, and Advocacy**

An overview of the U.S. public health and health care systems and applicable laws and policies. Health policy analysis is the main focus of this course. Emphasis will be on major health policy institutions and important issues that intersect these institutions. Key advocacy issues will be discussed.

*Prerequisite: PH 6300.*

**PH 6420 (3)**

**Social Justice and Public Health Advocacy**

This course explores public health advocacy, community organizing, social capital, social justice, and asset-based approaches to promoting community health resilience and well-being.

*Prerequisite: PH 6100.*

**PH 6500 (1-6)**

**Field Training I: Community Health Assessment, Program Planning, Implementation and Evaluation**

This course is the first part of the culminating experience of the MPH program. MPH candidates will identify and apply for a field-based internship at a public health agency/program and be responsible for an original project that benefits their internship site. A minimum of 126 hours must be completed.

*Prerequisite: Approval of faculty advisor.*

**PH 6550 (1-6)**

**Field Training II: Community Health Assessment, Program Planning, Implementation and Evaluation**

This course is the second part of the culminating experience of the MPH program. MPH candidates will identify and apply for a field-based internship at a public health agency/program and be responsible for an original project that benefits their internship site. A minimum of 126 hours must be completed.

*Prerequisite: Approval of faculty advisor.*

**PH 7000 (3)**

**Public Health Capstone**

This course is a rigorous culminating scholarly endeavor in which the student will integrate theoretical knowledge, field experience, and research in a faculty guided capstone project that may include a program proposal, a research paper, or implementation of a public health intervention. Repeatable up to 6 credits.

*Prerequisite: Approval of faculty advisor.*

**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 1001 (3)**

**Philosophies of Hawai'i and the Pacific**

An introductory study of the intellectual traditions of civilizations native to the Asian-Pacific region. Primary attention is on the intellectual traditions of Polynesia, China, and Japan. These are encountered through translated works, oral traditions, secondary sources, and field experiences. Topics include critical understandings of personal and communal identity, value, spirituality, theories of reality, and ways of knowing in Asian-Pacific traditions.

**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 WC&IL I course.*

**PHIL 2500 (3)**

**Ethics in America**

This course introduces students to a range of moral issues (such as abortion, euthanasia, and gay marriage) which are the subject of social ethics and moral policy in America, as seen through the lenses of indigenous and African-American thought and contemporary American moral philosophers. Students will become acquainted with moral theories and important legal cases. Group Socratic discussion involving critical thinking and the articulation and defense of moral reasoning will be emphasized.

**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: Any WC&IL II 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: Any WC&IL II 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: Any WC&IL II course.*

**PHIL 3301 (3)**

**Yoga Philosophy**

A study of classical Indian philosophy through yoga philosophy and practice. Emphasis is on reading original texts (e.g., Upanishads, Bhagavad Gita, Yoga Sutra, etc.) in English translation accompanied by secondary source

writings and lectures on key philosophical concepts such as karma and rebirth. To demonstrate the relation between yoga practice and philosophical ideas, students will be instructed, to a limited degree, in the practice of meditation and yoga postures when possible.

*Prerequisite: Any WC&IL II 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: Any WC&IL II 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: Any WC&IL II course.*

**PHIL 3721 (3)**

**Philosophy in Contemporary Literature**

A consideration of literature as a means of expressing philosophic 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: Any WC&IL II course.*

**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 WC&IL II 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: Any WC&IL II course.*

**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: Any WC&IL II course.*

**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.

**Capstone course.**

*Prerequisite: Any WC&IL II course.*



- 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: Any WC&IL II course.*
- PHIL 4997** (3)  
**Directed Readings in Philosophy**  
 Directed individualized reading.  
*Prerequisite: Any WC&IL II course.*
- 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. Co-requisite: PHYS 2031.*
- PHYS 2031** (1)  
**College Physics I Laboratory**  
 Laboratory component of PHYS 2030.  
*Co-requisite: 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. Co-requisite: PHYS 2051.*
- PHYS 2051** (1)  
**General Physics I Laboratory**  
 Laboratory component of PHYS 2050.  
*Prerequisite: PHYS 2050 or concurrent. Co-requisite: 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 2215 and PHYS 2052.*
- PHYS 2055** (1)  
**General Physics III Laboratory**  
 This course is the calculus-based laboratory component of Modern Physics, PHYS 2054. Topics include: Geometrical optics, interference, diffraction, special relativity, quantum mechanics, atomic physics, solid state physics.  
*Prerequisite: PHYS 2053 and completion or concurrent enrollment in PHYS 2054.*

<b>PHYS 4950</b> <b>Physics Practicum</b>	<b>(1 to 3)</b>	
<b>PMED – Pre-Medical Studies</b>		
<b>PMED 3900</b> <b>Premedical Studies Seminar</b> Seminar for students in health-related fields. <i>Prerequisite: CHEM 2052.</i>	<b>(2)</b>	
<b>PMED 3950</b> <b>Pre-Medical Studies Practicum</b> Students apply and integrate classroom theory in a research situation under close faculty supervision.	<b>(1)</b>	
<b>PMED 3990</b> <b>Non-Paid Internship</b>	<b>(1 to 3)</b>	
<b>PMED 3991</b> <b>Paid Internship</b>	<b>(1 to 3)</b>	
<b>PSCI – Political Science</b>		
<b>PSCI 1400</b> <b>American Political System</b> 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.	<b>(3)</b>	
<b>PSCI 2000</b> <b>Introduction to Politics</b> This course is designed to help the student better understand 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.	<b>(3)</b>	
<b>PSCI 2500</b> <b>World Politics</b> 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. <i>Prerequisite: Any WC&amp;IL I course.</i>	<b>(3)</b>	
<b>PSCI 3000</b> <b>History of Political Thought</b> 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. <i>Prerequisite: A grade of C- or higher in any WC&amp;IL II course; PSCI 2000.</i>	<b>(3)</b>	
<b>PSCI 3010</b> <b>Political Socialization</b> An analysis of the institutions that socialize the individual into	<b>(3)</b>	
		the political system. The course focuses on political culture, political participation, attitudes and their behavioral roots, and ramifications for the political system. <i>Prerequisite: PSCI 1400 or 2000; any WC&amp;IL II course.</i>
		<b>PSCI 3200</b> <b>Public Administration</b> 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. <i>Prerequisite: Any lower-division social science course plus any WC&amp;IL II course.</i>
		<b>PSCI 3250</b> <b>Public Policymaking</b> 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. <i>Prerequisite: PSCI 1400 or 2000; Any WC&amp;IL II course.</i>
		<b>PSCI 3401</b> <b>Issues in American Politics</b> 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. <i>Prerequisite: PSCI 1400 or 2000; any WC&amp;IL II course.</i>
		<b>PSCI 3411</b> <b>The United States Presidency</b> 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. <i>Prerequisite: A grade of C- or higher in any WC&amp;IL II course; PSCI 1400 or 2000.</i>
		<b>PSCI 3412</b> <b>American Foreign Policy</b> 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. <i>Prerequisite: PSCI 1400 or 2000; any WC&amp;IL II course.</i>
		<b>PSCI 3413</b> <b>Constitutional Law</b> 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 WC&IL II 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 WC&IL II course; PSCI 2000.*

**PSCI 3416 (3)**

**Elections in Hawai'i**

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 WC&IL II 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 WC&IL II course; PSCI 1400 or 2000.*

**PSCI 3500 (3)**

**Comparative Politics**

The course explores how different political systems are formed, maintained, and then change. It examines politics in democratic, democratizing, and authoritarian nations, and highlights issues such as governmental systems (parliamentary and presidential systems), types of electoral systems, unitary vs. federal states, political economy, social movements, and political change. It focuses on a broad political analysis of several countries in such regions as Asia, Europe and the Americas.

*Prerequisite: Any lower-division social science course plus any WC&IL II course.*

**PSCI 3510 (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: Any lower-division social science course plus any WC&IL II course.*

**PSCI 3520 (3)**

**Politics and Government in Asia**

This course provides a broad overview of the different governmental structures and organizations, as well as history and political cultures, of a range of states in Asia, including (but not limited to) Japan, the Koreans, China, the countries of structure and economic development, party

systems, transitions to democracy, social movements, contrasting conceptions of human rights, and integrating minority groups.

*Prerequisite: Any lower-division social science course plus any WC&IL II course.*

**PSCI 3525 (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: Any lower-division social science course plus any WC&IL II course.*

**PSCI 3540 (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: Any lower-division social science course plus any WC&IL II course.*

**PSCI 3550 (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 social science course plus any WC&IL II course.*

**PSCI 3560 (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: Any lower-division social science course plus any WC&IL II course.*

**PSCI 3580 (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: Any lower-division social science course plus any WC&IL II course.*

**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 WC&IL II 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; any WC&IL II course.*
- 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; any WC&IL II 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 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. **Capstone course.**  
*Prerequisite: Senior standing.*
- PSCI 6151** (3)  
**Global Governance**  
 This course examines global governance in an increasingly interdependent world. This includes international or transnational structures such as formal international inter-governmental organizations (UN, WHO, WTO, APEC) and international nongovernmental organizations (Oxfam, Doctors Without Borders, Human Rights Watch), international rules or laws, norms or "soft law," and international regimes in such areas as peacekeeping, disaster management, trade, social, and humanitarian issues.  
*Prerequisite: Graduate standing.*
- PSCI 6300** (3)  
**Indian Foreign and Security Policy**  
 In this course, students explore the foreign and security issues dealing with the rise of India in both Asia and the wider world. The course will cover India from independence to the present, with an emphasis on the post-Cold War period. Equal attention will be given to both internal politics and security and external foreign and security issues. Potential topics will include the structure of the important actors (the Prime Minister and Government, the bureaucracy, the military, etc.), internal violence and revolutionary movements, Indo-Pakistani security issues, Sino-Indian relations, India's relationship with the rest of the Indian Ocean region, the Indo-U.S. relationship, economic and energy issues, and other related topics.  
*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: 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.*

**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 1100 (3)**

**Probabilistic Thinking: Randomness, Chaos, & Chance**

An introductory course that teaches quantitative methods used in psychology along with psychological findings about how people think about probabilistic information. The course integrates techniques, strategies, and methods of critical thinking designed to compensate for systematic psychological errors. Specific topics include: descriptive and inferential statistics, and human judgment and decision making.

**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: PSY 1000; MATH 1120, 1123, or 1130 or higher.*

**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: A grade of C- or higher in any WC&IL II course; 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; any WC&IL II 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 WC&IL II 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: BUS 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: BUS 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: BUS 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 WC&IL II 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 WC&IL II 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 WC&IL II 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: HTM 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; any WC&IL II 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 any WC&IL II 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 WC&IL II 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; any WC&IL II 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: PSY 1000; any WC&IL II course.*

**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; any WC&IL II 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; any WC&IL II 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 Any WC&IL II 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; any WC&IL II course.*

**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 Statistics in Psychology**

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 and 2200.*

**PSY 3925 (3)**

**Research Seminar**

This is a psychology research course for psychology majors. Students will review an area of scientific literature, as determined by faculty each semester. Students will engage in empirical research: constructing a literature review, IRB proposal, collecting and analyzing data, and presenting this information professionally. Additionally, students will prepare for admission into graduate school: constructing a vita, studying for GREs, and identifying areas of research interest. This course is intended to prepare students for more advanced research courses such as PSY 4925 and PSY 4970.

*Prerequisite: PSY 1000, 2100, and 2200.*

**PSY 3990 (1 to 3)**

**Nonpaid Internship**

See Internship Section

**PSY 3991 (1 to 3)**

**Paid Internship**

See Internship Section.

**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 dream 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. **Capstone course.**

*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 4935 (3)**  
**Senior Thesis**  
 As a senior-level psychology capstone course, students will review an area of scientific literature related to psychology as determined by student interest and faculty approval. Students will write a review paper that integrates existing theory and data, and give a formal presentation. Review papers are critical evaluations of published material. Students will consider the progress of research toward clarifying a problem. They will draw on existing research literature to advance theory and will examine the development of theory to expand and refine theoretical constructs, present a new theory, or analyze existing theory.  
*Prerequisite:* PSY 2200; any three of the following PSY courses: 3100, 3200, 3300, 3400, 3500, 3550, 3600, or 3700. *Permission of the instructor.*
- PSY 4950 (3)**  
**Counseling/Community Practicum**  
 A capstone course for psychology majors that prepares students for entry-level positions in the mental health field as well as graduate school. The course is a means for enhancing, unifying, and applying the knowledge and experience acquired as a psychology major to this point. The practicum is a field and classroom course that requires placement in a community social service setting. Emphasis is placed on teaching professional standards and clinical services models; helping students develop their own professional identities; and addressing relevant clinical, legal, ethical and moral issues. **Capstone course.**  
*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 6000 (3)**  
**Ethical and Professional Issues in Clinical Mental Health Counseling**  
 Focuses on the legal, ethical and professional issues that influence the research and professional practice of clinical mental health counselors. The primary goal is to provide students with a thorough knowledge of the ethical and legal issues related to the counseling profession so that sound ethical decisions can be made.  
*Prerequisite:* Admission to the MA-CMHC program or permission of the program director.
- PSY 6100 (4)**  
**Applied Statistics in Clinical and Counseling Psychology**  
 A review of univariate statistical techniques and a survey of multivariate techniques used in clinical and counseling psychology. These methods are essential for interpretation evaluation and application of published research in professional settings, as well as for treatment evaluation.  
*Prerequisite:* Admission to the MA-CMHC program or permission of the program director.
- PSY 6200 (3)**  
**Research Methods in Clinical and Counseling Psychology**  
 Covers methods of empirical research particularly applicable to clinical and counseling situations primary emphasis on interpretation, evaluation and application of published research in professional settings.  
*Prerequisite:* PSY 6000 and 6100.
- PSY 6310 (3)**  
**Learning, Cognition, and Behavior**  
 A study of processes involved in human learning and cognition. Covers areas in the fields of learning and cognitive psychology, and presents the current thinking in these disciplines. Includes: learning, perception, attention, memory, language, problem-solving, reasoning, and cognitive development. Application to counseling and clinical psychology are examined across all topics.  
*Prerequisite:* PSY 6000.
- PSY 6320 (4)**  
**Biological Bases of Behavior & Foundations of Psychopharmacology**  
 An examination of the biological substrates of behavior from the cellular to the systemic to the behavioral level. Includes a review of human physiological processes as these relate to biobehavioral models of normal and abnormal functioning in appetitive, motor cognition and affective systems, and introduction to psychopharmacology.  
*Prerequisite:* PSY 6000.
- PSY 6330 (3)**  
**Social Psychology and Cultural Diversity**  
 Development of diversity awareness and knowledge including systems of power and privilege. Introduction to methods/skills for working with clients who are diverse in culture, race, ethnicity, gender, age, sexual orientation, or physical or mental ability. Focus is on helping students become capable therapists in varied environments, including becoming aware of their own beliefs, biases, and prejudices.  
*Prerequisite:* PSY 6200 or permission of program director.
- PSY 6340 (3)**  
**Life Span Development for Mental Health Counselors**  
 Explores life span development through the lenses of social, cultural, cognitive, biological, and learning theories and research. Normal or typical developmental tasks are reviewed, as well as principles related to developmental psychopathology. Theoretical models of development including biological/physical, social, and psychological development are discussed. The course provides students with an understanding of developmental theory across the life span as it relates to client assessment, counseling, and treatment.  
*Prerequisite:* PSY 6200 or permission of program director.
- PSY 6341 (3)**  
**Career and Lifestyle Development**  
 Exploration of models and theories of career development and forces that shape career-decision making throughout the lifespan. Available resources for educational and occupational assessment; procedures to enhance career

exploration, planning and placement. Emphasis is on the decision-making process and issues of career counseling with special populations.

*Prerequisite: Admission to MA in Clinical Mental Health Counseling program or permission of program director.*

**PSY 6350 (3)**

**Forensic Psychology for Counselors**

This course will provide a comprehensive overview of 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. The student will learn to apply forensic research to the practice of clinical mental health counseling.

**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 in Mental Health Counseling: Theory**

Basic concepts in the construction, selection, administration, scoring, and interpretation of assessment procedures commonly used in mental health counseling. This course will cover psychometric properties and proper use of these instruments, as well as factors affecting their 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 in Mental Health Counseling: Practice**

Designed to be taken concurrently with Psychological Assessment in Mental Health Counseling: Theory. 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.*

**PSY 6701 (3)**

**Therapeutic Interventions: Practice**

Covers major elements of empirically validated intervention strategies, case conceptualization, treatment planning and therapeutic process through lecture, discussion,

demonstration, and role playing with feedback on behavioral performance. Emphasis is on an ecological perspective that focuses on viewing the person within context.

*Prerequisite: PSY 6700.*

**PSY 6730 (3)**

**Crisis Intervention and Trauma Counseling**

Provides an overview of the psychological impact of crisis and trauma across the lifespan. Includes the history and current theories in the field, the nature of trauma (sexual abuse, combat, and natural disasters), how trauma affects individuals and systems, grief reactions, and traumatic stress. Reviews trauma-related evidence-based assessment and intervention.

*Prerequisite: PSY 6701 or permission of program director.*

**PSY 6740 (3)**

**Assessment & Treatment of Substance Abuse & Addiction**

This course examines substance abuse as a clinical problem. The psychological and physical effects of drug use and abuse will be examined and the process of addiction development explored. The role of sociocultural factors in substance abuse will be discussed. Diagnostic criteria and empirically based treatment approaches will be reviewed.

*Prerequisite: PSY 6701 or permission of graduate director.*

**PSY 6750 (3)**

**Group Interventions: Theory & Practice**

This is a graduate course that covers the theories, approaches and techniques used in group psychological treatment.

*Prerequisite: PSY 6360 and 6700.*

**PSY 6760 (3)**

**Assessment and Treatment of Children and Adolescents**

A graduate-level course in child psychopathology, assessment and treatment. Covers current DSM child and adolescent disorders. Reviews prevalence, etiology, diagnostic criteria, co-morbidity, sampling patterns, assessment and treatment strategies, and outcomes across the major childhood and adolescent behavioral disorders.

*Prerequisite: PSY 6100 and 6200.*

**PSY 6770 (3)**

**Counseling Couples & Families**

Selected theories, methods, and techniques of marriage and family therapy with particular emphasis on diversity and legal and ethical issues in the practice of marriage and family counseling.

*Prerequisite: PSY 6701 or approval of program director.*

**PSY 6970 (3)**

**Research Practicum**

Advanced research experience under mentorship. Student activities involve comprehensive 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 6100, 6200 and permission of instructor.*

**PSY 7100 (3)**

**Clinical Practice and Supervision I-Community Internship**

Applied professional experience in approved community training sites. Students will provide direct clinical services to adults and/or children; participate in supervision and training sessions; and attend internship class sessions which will allow for group supervision. **Capstone course.**

*Prerequisite: PSY 6000, 6500, 6501, 6700; 6701 or concurrent enrollment, and permission of graduate director.*

- PSY 7101 (3)**  
**Clinical Practice and Supervision II-Community Internship**  
 Applied professional experience in approved community training sites. Students will provide direct clinical services to adults and/or children; participate in supervision and training sessions; and attend internship class sessions which will allow for group supervision. A capstone course.  
*Prerequisite: PSY 7100; and permission of graduate director.*
- PSY 7102 (3)**  
**Clinical Practice and Supervision III-Community Internship**  
 Applied professional experience in approved community training sites. Students will provide direct clinical services to adults and/or children; participate in supervision and training sessions; and attend internship class sessions which will allow for group supervision.  
*Prerequisite: PSY 7100, 7101.*
- PSY 7200 (3)**  
**Master's Thesis**  
 The course is intended for those students who elect to complete a master's thesis as part of their MA-CMHC degree requirements. The option requires the student to investigate a topic relevant to Clinical Mental Health Counseling, develop a research question or hypothesis, and test it by conducting original research under the supervision of a faculty member.  
*Prerequisite: PSY 6100, 6200.*
- 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: Any WC&IL II 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: MGMT 3060 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**  
 This course offers a secular, interdisciplinary, and comparative approach to the world's religious traditions. It is designed to foster an understanding of diversity and difference. The focus of the course is on origins. We begin with the oldest conceivably religious artifacts, proceed to some reconstructed oral traditions and follow with the study of originating religious visions as established in scriptures from the West and the East.
- 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.
- 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 WC&IL I course.*
- REL 3000 (3)**  
**Religion, Sacrifice, and Violence**  
 Sacrifice and violence are persistent themes in the world's religious traditions and have invited scrutiny from anthropological, sociological, psychological, political, theological and other perspectives. This course will explore some classical examples of those perspectives as well as a variety of historical and literary phenomena to which they have been applied. Readings to include Freud, Girard, Burke, Marx, and Juergensmeyer, among others.  
*Prerequisite: Any WC&IL II 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 WC&IL II 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 WC&IL II course.*
- REL 3151 (3)**  
**Bible as Literature**  
 An interdisciplinary examination of the great literary themes of the Bible, such as the nature of God, humanity, gender, and nation within the context of early Jewish and Christian history. Students will also explore the ongoing literary and

cultural influence of the Bible in multiple cultural contexts.

*Prerequisite:* Any WC&IL I 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 WC&IL II 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 WC&IL II 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 WC&IL II course.

**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 WC&IL II 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 WC&IL II 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, archaeology, and feminist hermeneutics.

*Prerequisite:* Any WC&IL II course.

**REL 3997 (3)**

**Directed Readings**

Directed individualized readings.

**REL 4002 (3)**

**Religion, 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 WC&IL II course and Junior or Senior standing.

**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. **Capstone course.**

*Prerequisite:* Any WC&IL II course and Junior or Senior standing.

**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**

This course will give students an introduction into the academic study of society. We will study the interplay between personal traits and characteristics and large-scale factors that are outside of ourselves such as the rules that govern society. People who are comfortable thinking about the interplay between self and society have a sociological imagination. By employing the sociological imagination, individuals are able to observe events and social structures that influence behavior, attitudes, and culture. This way of thinking can inform contemporary controversies within American society around inequality, social change, gender, race and power

**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 WC&IL I 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:* Any WC&IL II 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.
- 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 WC&IL II course; any three social science courses.*
- 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; Any WC&IL II 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; any WC&IL II course.*
- SOC 3700** (3)  
**Special Topics: Applied Sociology**  
 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; any WC&IL II course.*
- SOC 4000** (3)  
**Sociological Research**  
 The sociology capstone is intended to provide senior sociology students with an opportunity to integrate and apply previous learning through the creation and implementation of a research project informed by sociological theory. This research project is intended to demonstrate mastery of the knowledge, skills, ethics and values necessary for sociological practice and further graduate study. The Capstone Project gives students the opportunity to contribute to the knowledge-base of sociology and develop and enhance professional presentation skills through the creation and delivery of a poster presentation and writing of an executive summary describing the project.  
*Prerequisite: Completion of upper-division required courses for sociology.*
- 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.*

## SPRT – Sport

### SPRT 2000 (3)

#### Contemporary Issues in Sports Leadership

This course introduces a variety of historical and contemporary issues viewed through the lens of sports and athletics. Students examine the many ways that sports and athletics have influenced a variety of cultures throughout history. Topics include sportsmanship, ethics, diversity inclusion, media and accessibility.

## 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 WC&IL I 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, economies, 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)

#### Nonpaid Internship

See Internship Section.

### STSS 6991 (1 to 3)

#### Paid Internship

See Internship Section.

### STSS 6997 (3)

#### Special Topics in Strategic and Security Studies

This is a special topics graduate seminar in strategic and security 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.*

## SWRK – Social Work

### SWRK 2010 (3)

#### Social Sustainability, Social Work and Entrepreneurship

This course serves as an introduction to the profession of social work through the lens of social sustainability and entrepreneurship. Socially sustainable communities have systems, structures, and relationships that equitable, diverse, connected and democratic, providing quality of life to current and future generations. Social entrepreneurs are leaders seeking to find innovative solutions to social problems. Social work is one of many professions that function as social entrepreneurs in their work with systems of all sizes. Students demonstrate the characteristics of social entrepreneurship by developing innovative strategies to sustainably meet social problems. Required for admittance to social work major.

*Prerequisite: Any WC&IL II course; may be taken concurrently*

### 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 will employ theories, models, and perspectives to understand individuals, families, and their interpersonal and group relationships, life span development, and well-being, stress, coping, and adaptation. This course will emphasize knowledge about individuals and small social systems and the implications of this knowledge for all domains of social work practice. The knowledge presented will include the interrelationships between smaller and larger social systems, and in particular, how biological factors and the larger social and physical environments shape and influence individual and family well-being.

*Prerequisite: Admission to the BSW Program or SWRK 2000.*

### SWRK 3005 (3)

#### Human Behavior in the Social Environment II

This course examines theory and research knowledge about political economic and societal structures and process related to communities, groups and organizations within contemporary society. Consideration is given to ways in which these social systems have significant social, political, economic, and psychological impacts on the functioning of individuals, families and social group. The course provides a framework for understanding the influences of medium to large social systems on individuals, families and groups with whom social workers practice. There is a focus on oppression, discrimination, prejudice and privilege, and their relationship to social and economic justice for populations served by social workers.

*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 3025** (3)  
**Sexuality in Health & Society**  
 This course explores advanced understandings of human sexuality through a multi-disciplinary approach combining pedagogies, students and faculty from different departments in the College of Health and Society. Concentrations will include: 1) Bio-medical sexuality: sexual and reproductive health and disease, anatomy, and physiology; 2) psychosexual development: relationships, marriage, and family systems, sexual dysfunction and trauma; 3) sexuality education and other organizational efforts that impact sexual behavior and health; 4) sociopolitical issues: sexuality education; historical, legal, political, social and ethical issues impacting sexuality.  
*Prerequisite:* Any WC&IL II course.
- 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 or SOC 3200; any WC&IL II course.
- SWRK 3570** (3)  
**American Social Welfare Policy**  
 This course involves an exploration of the development of social welfare programs. It includes content about the history of social work, the history and current structure of social welfare services and the role of policy in service delivery, social work practice, and the attainment of individual and social well-being. Students will understand and demonstrate social policy skills in regard to economic, political, and organizational system.  
*Prerequisite(s):* SOC 2000, and PSCI 1400, and any WC&IL II course; may be taken concurrently.
- SWRK 3700** (3)  
**Special Topics in the Social World**  
 This is a special topics seminar providing students with the opportunity to participate in an in-depth exploration of current social problems impacting our society. Each semester the topic will change to focus on a contemporary social issue. Students will participate in class discussions, self-reflections and oral presentations on contemporary social issues and debates. Course content will vary as set forth in the approved syllabus. Course may be repeatable as content changes.  
*Prerequisite:* Any WC&IL II course.
- 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 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:* SWRK 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 4960** (3)  
**Social Work Capstone**  
 The social work capstone is intended to provide senior Social Work students with an opportunity to integrate and apply previous learning (academic and field) through the creation and implementation of project at their practicum agency in order to demonstrate mastery of the knowledge skills, ethics, and values necessary for evidence-based generalist social work practice.  
*Prerequisite:* SWRK 3000, 3010, 4000, 4010 and 4900 or permission of program director.
- 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 the opportunity to assist agencies to expand their funding base in difficult economic times.  
*Prerequisite:* Graduate standing.
- SWRK 6002** (3)  
**Crisis Intervention and Prevention**  
 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 6003** (1 or 3)  
**Global Social Work Practice**  
 This is an elective course that will provide opportunities for one-to-one direct practice within a host culture. Students will be provided the foundation knowledge about the importance of how globalization has impacted social work practice and what are the developing trends. This course will allow students to examine the global dimensions of social work profession while directly engaging with individuals, families, and groups while at the same time becoming exposed to social justice and policy.  
*Prerequisite:* Admission to the MSW program or with permission from the MSW Program Director.
- 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. This course will explore differences between undergraduate and



graduate social work education, review topics not covered in depth in the BSW, and study. 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 6100.*

**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 6801 (3)**  
**Military and Veteran Social Work Practice**

This course examines military and veteran cultures impacting clients and families seeking social services, including stressors like deployments, military family structures, and readjustment issues. Ethical issues and research-informed interventions are discussed. Students completing this course have an in-depth understanding and ability to work with the active-duty military and veteran community.

*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: Admission to the MSW program.*

**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**  
See Internship Section.

**SWRK 6991 (1 to 3)**  
**Paid Internship**  
See Internship Section

**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**  
The focus of this course is on the knowledge, ethics, and skills appropriate for culturally competent advanced social work practice with diverse families and groups.

*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 7301 (3)**  
**Research Methods in Military Social Work and Veteran Affairs**

This course focuses on research methods in a military social work and veteran affairs context. Students develop research questions around military social work and veteran affairs. Several approaches to social work research methods are examined. The goal is a research proposal focused on military social work or veteran's affairs.

**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 7351 (3)**  
**Integrative Seminar in Military Social Work and Veteran Affairs**

Capstone course for MSW Military and Veteran Affairs students. The course gives students the opportunity to enhance professional presentation skills through the creation of a high-quality professional paper and delivery of a poster presentation.

*Prerequisite: Admission to the MSW program.*

**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: 7900.*

**SWRK 7902 (3)**  
**Military and Veteran's Affairs Practicum III**

Use of a peer supervision model based on reciprocal arrangements whereby peers work together for mutual benefit, where developmental feedback is emphasized, and a self-directed learning and evaluation is encouraged. Over two semesters, the class develops a peer supervision model that can be used if conventional supervision is ineffective.

*Prerequisite: SWRK 6050 or 6901, Agency with special focus on a cultural group.*

**SWRK 7903 (3)**  
**Military and Veteran's Affairs Practicum IV**

Continuation of a peer supervision model based on reciprocal arrangements whereby peers work together for a mutual benefit, where developmental feedback is emphasized, and self-directed learning and evaluation is encouraged. Over two semesters, the class develops a peer supervision model that can be used if conventional supervision is ineffective.

*Prerequisite: SWRK 6050 or 6901, Agency with special focus on a cultural group.*

**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 and 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 for 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 of 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 20<sup>th</sup> century. This will be done through exercises, monologues, scenes, and improvisation. 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.*

**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.

[This course is a prerequisite for Written Communication and Information Literacy I courses for students needing additional instruction prior to beginning introductory writing courses. Students who place into WRI 1050 are encouraged to take the HPU writing placement test to try to place directly into a Written Communication and Information Literacy I course. Placement testing appointments can be scheduled by contacting an HPU Academic Advisor.]

**WRI 1100 (3)**

**Writing and Analyzing Arguments**

WRI 1100 provides instruction and practice in college-level writing tasks, emphasizing the writing of arguments and the awareness that argument is the cornerstone of academic writing. Students will develop critical thinking skills and academic writing skills by reading, analyzing, and understanding complex texts. In order to learn how to write college-level arguments, students will refine their writing processes, develop their awareness of audience and rhetorical context, develop information literacy including the effective and proper use of source material, and expand their repertoires of rhetorical strategies and organizational techniques.

*Prerequisite: An appropriate score on a placement test.*

**WRI 1101 (1)**

**Analyzing and Writing Arguments Laboratory**

A writing workshop lab to be taken concurrently with any WC&IL I 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.

**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 Written Communication and Information Literacy I 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: An appropriate score on a placement test and a grade of B- or better in any WC&IL I course, or a grade of C- or better in any WC&IL I course (WRI 1100, 1150) and concurrent enrollment in WRI 1201; or an appropriate score on a placement test.*

**WRI 1201 (1)**

**Research, Argument, and Writing Lab**

This lab is a revising and editing workshop which is taken concurrently with WRI 1200 or any Written Communication and Information Literacy II course. The lab provides additional instruction and practice in written language skills and editing techniques to help students succeed. While working one-on-one or in groups with tutors, students will examine their writing course assignments and readings, receive guidance through the writing and research process, review grammar and mechanics, and develop self-editing skills. The emphasis of this lab is to help students gain the confidence and skill needed for them to write well independently.

*Prerequisite: Concurrent enrollment in any WC&IL II course.*

**WRI 1250 (3)**

**Introduction to Research in the Humanities**

WRI 1250, like 1200, focuses on how to develop arguments on topics that can be understood only after seeking and carefully reading information from a variety of sources. This class is designed as an alternative to WRI 1200 for those students with a particular interest in examining, researching, and writing about the arts (e.g., literature, painting, dance, music, drama, film, among others). It provides an excellent foundation for the upper-division Research and Writing in the Humanities (HUM 3900) as well as other 3000-level research classes.

*Prerequisite: A grade of C- or better in any WC&IL I course.*

**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 workshopped by their peers.

*Prerequisite: Any WC&IL I 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:* Any introductory literature course, or WRI 2601, or department approval.

## 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:* Any introductory literature course, or WRI 2601, or department approval.

## 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 in seminar fashion, examining both required poetry collections and theoretical texts in addition to producing their own lyrics for workshop discussion.

*Prerequisite:* Any introductory literature course, or WRI 2601, or department approval.

## 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:* Any introductory literature course, or WRI 2601, or department approval.

## 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:* Any introductory literature course, or WRI 2601, or department approval.

## 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:* Any introductory literature course, or WRI 2601, or department approval.

## WRI 3391 (3) Wanderlust: Student Literary Magazine

In this class, students serve as editors for *Wanderlust*: the student literary magazine of Hawai'i Pacific University. In addition, students polish their own creative writing skills in order to produce publishable poetry, prose, or drama.

*Prerequisite:* Any introductory literature course, or WRI 2601, or department approval.

## 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:* Any introductory literature course, or WRI 2601, or department approval.

## WRI 3951 (1) Staff Reader, Hawai'i Pacific Review

In this practicum course, students act as Staff Readers for Hawai'i Pacific Review, the university's national and international online literary journal. Their main responsibility involves reading submissions in the principal creative genres published in the journal. Students will communicate with each other, with the Managing Editors of the magazine, and with the Faculty Editor to recommend which submissions will be published. Students will also help to solicit submissions, to edit submissions selected for publication, and to publicize the magazine. Staff Readers will be in constant communication with the Editors, and will participate in editorial meetings several times a semester. May be repeated for up to 6 credits.

*Prerequisite:* Any introductory literature course, or WRI 2601, or department approval.

## WRI 3953 (3) Managing Editor, Hawai'i Pacific Review

In this practicum course two students will act as Managing Editors for Hawai'i Pacific Review, HPU's online literary journal. Managing Editors will be responsible for managing the magazine's Staff Readers and their workloads. They will work closely with the Faculty Editor to make final decisions regarding published content and assume administrative responsibilities associated with soliciting submissions, publicity, copy-editing, and securing rights to published work. Managing Editors should expect to meet often with the Faculty Editor and to be constant communication with the staff; they should expect to plan and convoke several editorial meetings with the entire staff. May be repeated once for up to 6 credits.

*Prerequisite:* Any introductory literature course, or WRI 2601, or department approval.

## WRI 3990 (1 to 3) Nonpaid Internship

See Internship Section.

## WRI 3991 (1 to 3) Paid Internship

See Internship Section.

## WRI 4990 (1 to 3) Advanced Writing Revision Workshop

Using a workshop format, students will study principles of deep revision and apply this knowledge to revising prior academic and/or creative work. The course serves to serve students with a range of experiences in a variety of academic

disciplines, and may be taken for variable credit. Those taking it for 3 credits will synthesize selected pieces into a coherent, compelling portfolio that they may carry forward to their professional or graduate school careers. The 3-credit course with portfolio component is the capstone for the Writing Minor.

*Prerequisite: Three 3000-level writing courses; or permission*

*of instructor.*

**WRI 4997**

**Directed Reading in Writing**

Directed individualized reading

**(1 to 3)**



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# University Academic Calendar 2017-2018

(Tentative – Subject to Change)

[https://hpu.edu/Academic\\_Calendar/](https://hpu.edu/Academic_Calendar/)

## Fall 2017 (August 28, 2017 - December 10, 2017)

### 15-Week Term (Part of Term 1) (August 28, 2017 - December 10, 2017)

Instruction Begins..... Monday, August 28, 2017  
University Holiday (Labor Day-observed).....Monday, September 4, 2017  
University Holiday (Veterans' Day - observed).....Friday, November 10, 2017  
University Holiday (Thanksgiving)..... Thursday, November 23, 2017-Friday, November 24, 2017  
15-Week Term Ends..... Sunday, December 11, 2017  
Fall Commencement Ceremony.....Thursday, December 14, 2017 (*tentative*)

### 1st 8-Week Session (Part of Term 8A) (August 21, 2017 - October 15, 2017)

Instruction Begins.....Monday, August 21, 2017  
University Holiday (Labor Day)..... Monday, September 4, 2017  
1<sup>st</sup> 8-Week Session Ends.....Sunday, October 15, 2017

### 2nd 8-Week Session (Part of Term 8B) (October 16, 2017 - December 10, 2017)

Instruction Begins..... Monday, October 16, 2017  
University Holiday (Veterans' Day - observed)..... Friday, November 10, 2017  
University Holiday (Thanksgiving)..... Thursday, November 23, 2017-Friday, November 24, 2017  
2<sup>nd</sup> 8-Week Session Ends..... Sunday, December 10, 2017  
Fall Commencement Ceremony..... Thursday, December 14, 2017 (*tentative*)

## Winter 2017 (December 11, 2017 - January 7, 2018)

### 4-Week Term (Part of Term 1) (December 11, 2017 - January 7, 2018)

Instruction Begins..... Monday, December 11, 2017  
University Holiday (Christmas).....Monday, December 25, 2017-Tuesday, December 26, 2017  
University Holiday (New Year's Day)..... Monday, January 1, 2018  
Term Ends..... Sunday, January 7, 2018

## Spring 2018 (January 16, 2018 - May 6, 2018)

### 15-Week Term (Part of Term 1) (January 16, 2018 - May 6, 2018)

University Holiday (Dr. Martin Luther King, Jr. Day).....Monday, January 15, 2018  
Instruction Begins.....Tuesday, January 16, 2018  
University Holiday (Presidents' Day - observed)..... Monday, February 19, 2018  
Spring Break.....Monday, March 5, 2018 - Sunday, March 11, 2018  
University Holiday (Spring Break)..... Friday, March 9, 2018  
University Holiday (Prince Kuhio Kalaniana'ole Day - observed)..... Monday, March 26, 2018  
University Holiday (Good Friday - observed)..... Friday, March 30, 2018  
Term Ends..... Sunday, May 7, 2018  
Spring Commencement Ceremony..... Thursday, May 10, 2018 (*tentative*)

**1st 8-Week Session (Part of Term 8A)  
(January 8, 2018 - March 4, 2018)**

Instruction Begins..... Monday, January 8, 2018  
University Holiday (Dr. Martin Luther King, Jr. Day)..... Monday, January 15, 2018  
University Holiday (Presidents' Day - observed)..... Monday, February 19, 2018  
1<sup>st</sup> 8-Week Session Ends..... Sunday, March 4, 2018

**[Spring Break..... Monday, March 5, 2018-Sunday, March 11, 2018]**

**2nd 8-Week Session (Part of Term 8B)  
(March 12, 2018 - May 6, 2018)**

Instruction Begins..... Monday, March 12, 2018  
University Holiday (Prince Kuhio Kalaniana'ole Day - observed)..... Monday, March 26, 2018  
University Holiday (Good Friday - observed)..... Friday, April 30, 2018  
2nd 8-Week Session Ends..... Sunday, May 6, 2018  
Spring Commencement Ceremony..... Thursday, May 10, 2018 (*tentative*)

**[Non-Instructional Period..... Monday, May 7, 2018-Sunday, May 13, 2018]**

**Summer 2018 (May 14, 2018 - August 19, 2018)**

**14-Week Term (Part of Term 1)  
(May 14, 2018 - August 19, 2018)**

Instruction Begins..... Monday, May 14, 2018  
University Holiday (Memorial Day)..... Monday, May 28, 2018  
University Holiday (King Kamehameha I Day - observed)..... Monday, June 11, 2018  
University Holiday (Independence Day - observed)..... Wednesday, July 4, 2018  
14-Week Term Ends..... Sunday, August 19, 2018

**1st 7-Week Session (Part of Term 7A)  
(May 14, 2018 – July 1, 2018)**

Instruction Begins..... Monday, May 14, 2018  
University Holiday (Memorial Day)..... Monday, May 28, 2018  
University Holiday (King Kamehameha I Day - observed)..... Monday, June 11, 2018  
1<sup>st</sup> 7-Week Session Ends..... Sunday, July 1, 2018

**8-Week Session (Part of Term 8)  
(May 14, 2018 – July 8, 2018)**

Instruction Begins..... Monday, May 14, 2018  
University Holiday (Memorial Day)..... Monday, May 28, 2018  
University Holiday (King Kamehameha I Day - observed)..... Monday, June 11, 2018  
University Holiday (Independence Day - observed)..... Wednesday, July 4, 2018  
8-Week Session Ends..... Sunday, July 8, 2018

**1st 4-Week Session (Part of Term 4A)  
(May 29, 2018 - June 24, 2018)**

University Holiday (Memorial Day)..... Monday, May 28, 2018  
Instruction Begins..... Tuesday, May 29, 2018  
University Holiday (King Kamehameha I Day - observed)..... Monday, June 11, 2018  
1<sup>st</sup> 4-Week Session Ends..... Sunday, June 24, 2018

**2nd 4-Week Session (Part of Term 4B)**  
**(June 25, 2018 - July 22, 2018)**

Instruction Begins.....Monday, June 25, 2018  
University Holiday (Independence Day).....Wednesday, July 4, 2018  
2<sup>nd</sup> 4-Week Session Ends.....Sunday, July 22, 2018

**2nd 7-Week Session (Part of Term 7B)**  
**(July 2, 2018 - August 19, 2018)**

Instruction Begins.....Monday, July 2, 2018  
University Holiday (Independence Day).....Wednesday, July 4, 2018  
2<sup>nd</sup> 7-Week Session Ends.....Sunday, August 19, 2018

**3rd 4-Week Session (Part of Term 4C)**  
**(July 23, 2018 - August 19, 2018)**

Instruction Begins.....Monday, July 23, 2018  
3<sup>rd</sup> 4-Week Session Ends.....Sunday, August 19, 2018

# HAWAII PACIFIC UNIVERSITY DOWNTOWN CAMPUS MAP



## ATM

**Aloha Tower Marketplace**  
1 Aloha Tower Drive  
Honolulu, HI 96813

## FS

**Fort Street Building**  
1166 Fort Street  
Honolulu, HI 96813

## LB

**Lower Bishop Building**  
1060 Bishop Street  
Honolulu, HI 96813

## KK

**Kukul Plaza**  
1255 Nuuanu Avenue  
Honolulu, HI 96813

## MP

**Model Progress Building**  
1188 Fort Street  
Honolulu, HI 96813

## UB

**Upper Bishop Building  
Finance Factors Center**  
1164 Bishop Street  
Honolulu, HI 96813

## PL

**Pioneer Plaza**  
900 Fort Street  
Honolulu, HI 96813

DEPARTMENT	LOCATION
Academic Advising Center	UB 123
Academic Affairs	UB 800
Admissions Office	UB 1100
Alumni and University Relations	ATM 3100
Athletics and Campus Recreation	FS 102
Athletics Training Room	KK
ATM Security	ATM 1409
Bookstore	ATM 1207
Business Office	UB 1200
Career Services Center	UB 122
Center for Academic Success	LB 600
College of Business	PL 600
College of Extended and Interdisciplinary Education	UB 500
College of Liberal Arts	FS 200
Commuter Services	ATM 1408
Counseling and Behavioral Health Services	UB 905
Dean of Students Office	ATM 1408
ATM Lounge	ATM 1102
Financial Aid	UB 201
First-Year Experience	ATM 1408
Human Resources	UB 800
International Exchange and Study Abroad Program	UB 200
Learning Commons	ATM 1401
Meader Library	LB 2nd - 5th Floors
Office of International Students and Scholars	UB 200
Provost's Office	UB 800
Registrar's Office	UB 216
Residence Life (Main Office)	ATM 1408
Sharky's Cove	MP 139
Student Activities	ATM 1408
Tutoring Center	LB 600
VA/Military Center	UB 912
Warmer Auditorium	LB Penthouse

## STAY CONNECTED:



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Toll-free: +1-866-CALL-HPU  
Email: [admissions@hpu.edu](mailto:admissions@hpu.edu)  
[www.hpu.edu](http://www.hpu.edu)

## HAWAII LOA CAMPUS MAP

45-045 Kamehameha Highway  
Kaneohe, HI 96744



## Building 1

Amos Starr and Juliette Montague  
Cooke Memorial Academic Center  
College of Health and Society  
College of Natural and Computational Sciences  
Counseling and Behavioral Health  
Residence Life

## Building 2

Samuel N. and Mary Castle  
Memorial Dining Commons

## Buildings 3-8

Residence Halls

## Building 10

Castle Medical

## Building 11

Physical Plant

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## Island of O'ahu HPU Campus Locations

