Hawai'i Pacific University

2022-2023 Course Catalog

Consumer Information

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, student complaint process, and/or graduation rates, can be found at:

www.hpu.edu/about-us/information/student-right-to-know.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

The Hawai‘i State Department of Commerce and Consumer Affairs (DCCA) has authorized Hawai‘i Pacific University to operate as a post-secondary degree granting educational institution in the State of Hawai‘i.

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. Questions or concerns about program assessment of learning should be directed to:

Office of Academic Affairs Hawai‘i Pacific University • 500 Ala Moana Boulevard, Suite 4-510 • Honolulu, HI 96813

NON-DISCRIMINATION NOTICE

Hawai‘i Pacific University admits students without regard to sex, race, age, color, disability, religion, sexual orientation, gender identity or expression, 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) 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 • 500 Ala Moana Boulevard, Suite 4-545 • Honolulu, HI 96813 • Telephone: (808) 544-1186 • Email: 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

DISPUTE RESOLUTION

By registering for courses at the University, you acknowledge that any claims, controversies, or disputes against the University arising out of or relating to your enrollment and attendance shall be fully and finally resolved by arbitration in accordance with the Rules, Procedures, and Protocols for Arbitration of Disputes of Dispute Prevention & Resolution, Inc., then in effect. Dispute resolution shall only apply after the parties have satisfied and exhausted all internal, administrative procedures and processes. In the event arbitration is so required, an arbitrator shall be appointed to hear and resolve the controversy. The parties further agree that the award of the arbitrator(s) is binding upon the parties and that judgment on the award rendered by the arbitrator may be entered in any court of competent jurisdiction.

PROFESSIONAL LICENSURE DISCLOSURE

In accordance with the U.S. Department of Education State Authorization Rule, which takes effect July 1, 2020, HPU is pleased to share disclosure information about how our educational requirements meet the requirements for professional licensure within each state. Additional information regarding the programs below may be found by visiting: https://www.hpu.edu/about-us/information/accreditations.html.

• Doctorate in Clinical Psychology

• Bachelor of Education

• Master of Education

• Bachelor of Science in Nursing

• Master of Science in Nursing

• Doctor of Physical Therapy

• Bachelor of Social Work

• Master of Social Work

COVID-19 STATEMENT

The University is committed to the health and safety of its students and the entire HPU ʻohana. We are taking all recommended precautions and following CDC guidance to prepare our HPU campus and facilities in anticipation of your arrival. However, maintaining the health and safety of our University campus depends upon each of us doing our part: to stay safe (through safe distancing practices and following CDC guidelines), to maintain cleanliness (by wiping areas after use) and to monitor and assess your own health daily. Orders from the local, state and federal government are subject to change and the University may be required to modify its programming, activities and offerings in order to comply with applicable law. You agree to comply with all applicable government orders and to be responsible for your own behavior to maintain the standards above, along with any guidelines and rules set by the University. In addition, the University may require that students produce evidence of a valid COVID-19 vaccination in accordance with the University's Vaccination Policy for Students and any related policies that will be available on the HPU portal and may be updated from time to time. Also, the University reserves the right to modify access to the Premises, close access to certain University facilities, impose occupancy limitations or other limitations in response to public health and safety concerns, local, state or federal law requirements or other University determinations in the interest of student health. You understand that there are risks in any inherently social setting like a college campus and that COVID-19 presents unique health risks, especially to those with underlying conditions. You must determine what is best for you and how to safely engage as part of this community. You play an important part in keeping yourself, the HPU ʻohana and our larger community safe and each of us must do our part.

LIABILITY

Hawai'i Pacific University takes every reasonable precaution to maintain a safe campus environment and invests in public safety services and safety education for our students. The University assumes no responsibility for injuries that students sustain on University property, or at University-sponsored activities and events. Additionally, as part of an urban campus experience, there are aspects of the campus that are not under university control and may pose certain dangers, such as the working harbor, various common areas, and public spaces. The University cannot be responsible for those elements, aspects, and areas beyond its control. Accordingly, each student is expected to exercise reasonable caution and mindfulness.

General Information

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. Master’s degrees are offered in the arts, business administration, criminal justice, education, public administration, public health, the sciences, and social work. The Doctor of Nursing Practice, the Doctorate of Clinical Psychology, and the Doctor of Physical Therapy are offered. HPU also offers associate degrees through the College of Professional Studies, and 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); the Council on Education for Public Health (CPEH); the Council on Social Work Education (CSWE); the Association for Advancing Quality in Educator Preparation (AAQEP).
- 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 Program (SATEP) 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 for the latest updates on academic programs and university policies.

General Information

Mission

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.

General Information

Location

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 main urban campus is in the heart of Honolulu’s downtown business and financial district, within the center of the state’s capital district. Serving as the anchor of the campus and the hub of student life is Aloha Tower Marketplace. Within walking distance from Aloha Tower Marketplace are HPU’s facilities at Pioneer and Waterfront Plazas. The College of Business and College of Professional Studies are headquartered at Pioneer Plaza. The university’s newest facilities are at Waterfront Plaza, including the College of Health and Society, College of Liberal Arts, College of Natural and Computational Sciences, and School of Nursing, over 20 classrooms, the Student Services Center, and the main library.

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 of stores, shops, and restaurants. ʻIolani 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.

Hawaiʻi Loa Campus

The Hawaiʻi Loa campus is located in Kāneʻohe and is nestled at the base of the beautiful Koʻolau Mountains. It is an easy eight-mile ride between the Hawaiʻi Loa and downtown campuses on the free HPU shuttle. Various shopping malls, restaurants, beaches, and historic and scenic sites are also within reasonable distance and accessible by Honolulu's public transportation system.

In accordance with the 2014 University Master Plan, Hawaiʻi Pacific University is consolidating its academic programs downtown, and this transition is 90 percent complete. HPU's investment in the urban student experience translates to greater hands-on experiences for students, expanded interdisciplinary collaboration between colleges and programs, and deeper engagement with the community of Honolulu and the state of Hawaiʻi.

The Makapuʻu Campus

The Makapuʻu Campus, located on 56 acres at scenic Makapuʻu Point in Waimānalo, is home to the Master of Science in Marine Science degree program, the Center for Marine Debris Research, and several faculty-student research labs for the College of Natural and Computational Sciences. It is also home to the Oceanic Institute, which has been a world leader for more than 50 years in the advancement of sustainable aquaculture technologies. OI's team of scientists and professionals has contributed to a range of solutions to overcome current and emerging industry challenges. 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.

General Information

History

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 Hawaiʻi Pacific College. The state of Hawaiʻi granted a charter of incorporation to Hawaiʻi Pacific on September 17, 1965.

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

In 1967, Dr. James L. Meader became Hawaiʻi 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 Hawaiʻi.

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

In 1972, Hawaiʻi 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 Hawaiʻi 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 Professional Studies, administering off-campus instruction at the various military installations on Oʻahu.

President Warmer retired in 1976, and Chatt G. Wright became Hawaiʻi Pacific's third president. Under President Wright's leadership, Hawaiʻi Pacific saw rapid and continuous expansion. Augmenting its thriving undergraduate program of baccalaureate and associate degrees, Hawaiʻi 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, Hawai‘i Loa College, a small, independent liberal arts college located on the windward side of O‘ahu, merged into Hawai‘i Pacific University. This historic merger 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 strong 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.

General Information

Accreditation

ACCREDITATION

Hawai‘i Pacific University is accredited by the WASC Senior College and University Commission (WSCUC).

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

The Public Health programs (BSPH and MPH) are accredited by the Council on Education for Public Health (CEPH)

The Social Work programs are accredited by the Council on Social Work Education (CSWE).

The Bachelor of Arts in Elementary Education and the Master of Education - Elementary Education and Secondary Education programs are accredited by the Association for Advancing Quality in Educator Preparation. The School of Education is approved by the Hawai‘i Teacher Standards Board (HTSB).

The HPU Doctor of Physical Therapy Program has been granted Candidate for Accreditation status by the Commission on Accreditation in Physical Therapy Education (CAPTE).

General Information

HPU On The Internet

HPU ON THE INTERNET

HPU's website, www.hpu.edu, provides overviews on academic programs, course descriptions, the academic calendar, admissions, scheduled 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, my.hpu.edu, is an informational 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, are posted to my.hpu.edu. For technical assistance with my.hpu.edu, please visit hpu.edu/its, email help@hpu.edu or call the Service Desk at (808) 566-2411.

General Information

Distance Education

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 in which 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.

*Students using Post 9/11 GI Bill® educational benefits who are planning to complete their degree completely through distance education, should contact the Military/Veteran Center at (808) 356-5222 to be advised on the online housing rates.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government Web site at https://www.benefits.va.gov/gibill/.

General Information

Student Body

STUDENT BODY

Hawai'i Pacific University has more than 4,170 undergraduate and graduate students with a full-time equivalent enrollment of 2,798 undergraduate students and 376 graduate students. The diverse student body is composed of students from every state in the U.S. and nearly 65 countries.

Fusing the university's unmatched cultural diversity with personal support and a deliberately intimate learning environment, students get up-close and personal with the subjects they are most passionate about, enabling them to "look closer, see further, and do more."

General Information

Faculty & Staff

FACULTY AND STAFF

Approximately 600 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 Brown University, Cornell University, Georgetown University, the London School of Economics, Massachusetts Institute of Technology (MIT), Princeton University, Scripps Institution of Oceanography, Stanford University, University of California, Berkeley, University of Oxford, and Woods Hole Oceanographic Institution.

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.

2022-2023 Catalog Updates

UPDATES: HAWAIʻI PACIFIC UNIVERSITY 2022-2023 ACADEMIC CATALOG

The Hawaiʻi Pacific University Academic Catalog is published annually. The purpose of this page is to provide information about the changes that have occurred between the previous 2021-2022 academic catalog and the 2022-2023 academic catalog. All changes have been made to the 2022-2023 academic catalog and are listed below for reference.

Policy Updates:

Course Repeat Policy

Grading and Course Policies

Transfer of Credit Policies

Use of Courses to Meet University Graduation Requirements

Graduate Studies Overview: Academic Probation, Suspension, and Dismissal

General Education:

New courses added to the Upper-Division Writing requirement

New courses added to the Upper-Division Values requirement

New Programs:

Bachelor of Science in Cybersecurity

Bachelor of Science in Cybersecurity (Online)

Graduate Certificate in Business Analytics (Online Only)

Post Master's Certificate in Psychiatric Mental Health Nurse Practitioner (Online Only)

Updated Programs:

Associate of Science in Criminal Justice

Associate of Science in Cybersecurity

Associate of Science in Health Professions

Bachelor of Arts in Arts & Markets

Bachelor of Arts in English

Bachelor of Science in Biology

Bachelor of Science in Biomedical Engineering

Bachelor of Science in Criminal Justice

Bachelor of Science in Nursing

Bachelor of Social Work

Post Master’s Certificate in Adult-Gero Acute Care Nurse Practitioner

Post Master's Certificate in Family Nurse Practitioner

Master of Arts in Strategic Communication

Master of Business Administration

Master of Science in Nursing

Doctor of Nursing Practice

Retired Programs:

Associate of Science in Mathematics

New Minors:

Social Work Minor

Updated Minors:

Music Minor

Pre-Medical Studies Minor

Retired Minors:

Global Communication Minor

New Courses:

AL 3160 - Teaching Vocabulary

Prerequisite: C- or better in AL 2000 (concurrent enrollment allowed)

A course on the teaching of second language vocabulary based on knowledge of its form, meaning, and use. Students develop word analysis skills and explore the nature of meaning, the semantic relationship between words, and the interpretation of meaning in context. Students use this foundation to cultivate strategies and techniques to teach vocabulary to language learners.

Credit: 3

BUS 6000 - Seminar Series in Business

Prerequisite: Graduate Standing

This is a seminar course for College of Business speaker series that contains subject matter or content intended to address specialized issues that are contemporary within the general business field of study.

Credit: 0

CJ 1050 - Introduction to Criminal Justice

This course is an introductory survey of the American criminal justice system with a view to its social and institutional context and its structure and functioning. The course provides an overview of the foundations and components of the criminal justice system, including (substantive and procedural) criminal law, police, courts, and corrections. The main emphasis will be placed on the criminal justice process and how the various institutions of criminal justice interact. Key issues will be addressed as they arise at different stages of the process, such as the conflict between crime control and due process.

Credit: 3

CSCI 2651 - Python for the Sciences

Prerequisite: MATH 1140 or MATH 1150 or equivalent placement

The goal of this course is to develop Python programming competency for students in the Sciences and Engineering. Students will learn to write code using the basic constructs of selection, looping, functions, and list handling. They will work with key packages to support scientific computing: numpy, scipy, and plotting libraries. Other libraries will be explored in projects tailored to specific domains of student interest.

Credit: 3

CYBS 1000 - Cybersecurity Fundamentals

This course provides students with a broad foundation of information technology using lectures as well as hands-on lab exercises. Students who are interested in starting a career in IT, as well as those interested in the basics of IT for professional or personal development, are welcome to take this course. Having successfully completed this course, students will be prepared for the CompTIA IT Fundamentals+ certification.

Credit: 3

CYBS 3030 - Programming for Cybersecurity

Prerequisites: CSCI 1611 or CSCI 2911; and CYBS 3500

The purpose of this course is to introduce the students to the fundamental concepts of programming as needed by the cybersecurity professional. Students will learn the basic concepts of program design, data structures, programming, problem solving, programming logic, and fundamental design techniques for event-driven programs.

Credit: 3

CYBS 3070 - IT Systems Architecture

Prerequisites: CYBS 2210

This course introduces IT infrastructure issues for students majoring in cybersecurity. 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.

Credit: 3

CYBS 3250 - Cloud+ Security

Prerequisites: CYBS 1000, CYBS 2210, and CYBS 2220

This course will provide students with the knowledge and skills required to incorporate and manage cloud technologies as part of broader systems operations. Students will learn to weave together solutions that meet specific business needs and work in a variety of different industries. The course focuses on new technologies that support the changing cloud market as more organizations depend on cloud-based technologies to run mission critical systems. It validates the skills needed to deploy and automate secure cloud environments that support the high availability of business systems and data.

Credit: 3

CYBS 3300 - Windows and Linux Server Security

Prerequisites: CYBS 1000 and CYBS 2210

This course provides an in-depth examination of Windows and Linux servers. Students will learn to manage servers, configure operating systems, and implement virtualization. They will apply network security techniques, manage disaster recovery, and implement backup procedures. Students will also diagnose and resolve server hardware, software, security, and connectivity issues. The course focuses on multi-vendor products and is based on information technology industry standards. The course explores the skills of professionals who install, manage, and troubleshoot servers in data centers and cloud computing environments.

Credit: 3

CYBS 3350 - Hackathon

Prerequisites: CYBS 3500

Hackathons provide participants with a means to use their design, development, analysis, and presentation skills to create novel solutions for challenges that people and organizations face. This course will prepare you to participate in one or more of these challenges, giving you the opportunity to use your tech and people skills to provide a positive impact on society.

Credit: 3

CYBS 3500 - Secure Web Application Development

Prerequisites: CYBS 2203 and CSCI 3301

The course will cover web application development with particular emphasis on security and usability. Students will receive a strong background in JavaScript to build their web applications. Other topics include a review of basic HTML, CSS, frameworks, other web development languages, and database back ends.

Credit: 3

CYBS 3600 - Database Administration

Prerequisites: CSCI 3301

This course provides students with an intensive introduction to the world of a database administrator (DBA) within an enterprise. Students will explore typical DBA tasks regarding setting up the database environment, designing and implementing an efficient database structure, managing database security, privacy, and performance, and planning for expansion and business continuity.

Credit: 3

CYBS 3620 - Computer Systems Forensics

Prerequisites: CSCI 3640 and LAW 3720 (concurrent enrollment allowed).

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 cybersecurity teaching and research.

Credit: 3

CYBS 3750 - Ethical Hacking

Prerequisites: CYBS 2210, CYBS 2220, CYBS 2230, CYBS 2240

In this course students will learn vulnerability scanning, passive and active reconnaissance, and vulnerability management. This course provides an in-depth examination of network attacks, wireless attacks, application-based attacks, and attacks on cloud computing systems. Students will learn to identify scripts in multiple software deployments, analyze various scripts and code samples, explain the tools used in a penetration test, and perform post-exploitation procedures. Students will also explore penetration testing skills for traditional physical environments, cloud computing environments, web applications, and the Internet of Things (IoT).

Credit: 3

CYBS 3990 - Internship

Prerequisites: At least a 2.7 GPA for undergraduate level

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Credit: 3

CYBS 3998 - Special Topics in Cybersecurity

Prerequisites: A grade of C- or better in any WCIL1 course, or HON 1000, or a score of 630+ in SAT Evidence Based Reading or Writing, or a score of 28+ in ACT English.

This course will cover specialized or emerging topics in cybersecurity that are not covered elsewhere in the Cybersecurity program as well as provide the opportunity to keep the program current by introducing new and in-demand topics in cybersecurity. This course can be repeated twice by the student if the topic of the course is different.

Credit: 3

CYBS 4900 - Seminar in Cybersecurity

Prerequisites: Instructor Permission.

This course serves to synthesize the knowledge gained from each course in the cybersecurity program. The course provides students with an integration of acquired knowledge of theory to practical application. The goal is to apply principles of interagency cooperation, critical thinking, and systems approaches to solve practical problems in the cybersecurity environment. Students will assess the impact of their education experience on their professional competency and values, critical thinking, problem solving, communication, information utilization, and collaboration skills. Topics include problem solving, case study and analysis, teamwork, and professional writing.

Credit: 3

ED 6463 - Economics for Hawaii Teachers

Prerequisite: Graduate standing. Chair/Dean approval required.

This course provides an introduction to teaching economics. The course is aimed at both future and current Hawaii social studies and economics teachers. The course will provide instruction on the economic principles in the National Council for Economic Education’s Voluntary Content Standards in Economics. Included within these standards are disciplinary concepts of the C3 Framework for Economics such as; (1) Economic Decision Making, (2) Exchange and Markets, (3) The National Economy, and (4) The Global Economy. The course will also present an overview of the economic history of Hawaii, explore strategies for incorporating economic content into existing curriculums, and provide materials and on-going support for teaching economics content. This elective course cannot be used to satisfy subject matter concentration requirements for teaching licensure.

Credit: 3

ENGR 1500 - Design Project Experience I

This course gives students the opportunity to advance their professional development as Engineers. Students will have the option to work together with their Engineering peer mentors or the Engineering faculty to learn technical knowledge and know-hows as needed. The premise is to expose students to the Engineering design process early in the program to foster creative and innovative thinking while gaining technical knowledge. The students will be required to submit a short report (1-page max). The course is taken typically during the Freshmen year in the program. *Repeatable for up to 2 credits.*

Credit: 1

ENGR 2500 - Design Project Experience II

Prerequisites: ENGR 1500 or instructor approval.

This course gives students the opportunity to advance their professional development as Engineers. Students will have the option to work together with their Engineering peer mentors or the Engineering faculty to learn and apply technical knowledge and know-hows as needed. The premise is to expose students to, and engage students in, the Engineering design process early in the program to foster creative and innovative thinking while gaining technical knowledge. The students will be required to submit a short report (1-page max). The course is taken typically during the Sophomore year in the program. *Repeatable for up to 2 credits.*

Credit: 1

ENGR 4999 - Special Topics in Engineering

Prerequisite: Instructor approval

This course explores state-of-the-art multidisciplinary and/or interdisciplinary current practices and research in engineering. Topics are chosen at the discretion of the faculty, and may include: fundamentals of sensor design, ultrasound systems, renewable energy source design and construction, advances in data communications, advances in nanotechnology and electronics, smart devices, advances in systems control such as in building solutions and exploration (aerospace, space), and latest techniques in multimedia signal processing. *Repeatable up to 12 times if topics are different.*

Credit: 3

ENGT 2101 - Biomaterials Lab

Prerequisite: ENGT 2100 (concurrent enrollment allowed).

Students will be introduced to the major types of biomaterials widely used in today's world. Students will evaluate the physical and chemical properties of some important biomaterials with special emphasis to the bioavailability and biocompatibility issues in organisms.

Credit: 1

ENGT 2201 - Bioprocesses Lab

Prerequisite: ENGT 2200 (concurrent enrollment allowed).

Students will design and execute simple lab scale experiments to learn the following topics: estimation of cell mass; different phases of microbial growth; mass and energy balance in a typical bioconversion process; concept of limiting nutrient and its effect on cell/microbial growth.

Credit: 1

HIST 3999 - Special Topics in History

This course addresses unique and special topics. Consequently, both course content and instructor will vary. Possible topics might include: gender, world history, race, politics, society, the world at war, the American experience, the Asia-Pacific, or other thematic or regionally-focused courses. Repeatable for up to 9 credits when topic varies.

Credit: 3

LAW 3720 - Cybersecurity Laws, Ethics & Compliance

Prerequisites: A grade of C- or better in any WCIL 2 course or HON 1000

This course explores ethical norms around cybersecurity; covers relevant laws, regulations, and standards; and explains how organizations meet requirements to comply with them. We discuss how laws and technology intersect in the context of international, national, and local judicial structures, as organizations safeguard information systems from cyberattacks. Students will be introduced to professional codes of conduct and ethical standards, including breach notification requirements by state, national, and international governing authorities.

Credit: 3

MARS 4120 - Coral Reef Ecology and Conservation

Prerequisite: BIOL 3080

Coral reef biology, ecology, and conservation 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. Discussions focus on global climate change and ocean acidification impacts on coral reef organisms, and contemporary ideas on how to address the ongoing crisis facing coral reef ecosystems from a conservation perspective.

Credit: 3

MATH 3600 - Mathematics for Data Science

Prerequisite: MATH 3305; MATH 1123 or BIOL 3090 or MATH 3470 or PSY 2100 or consent of instructor

This course covers the mathematics behind a variety of data science concepts and techniques, including (deep) neural networks and Google's page rank algorithm. Its goal is to foster an understanding that promotes effective and efficient use of Data Science methods as well as innovation in the field. A programming language such as Python, together with relevant Data Science libraries, like TensorFlow, will be used.

Credit: 3

MC 3760 - Integrated Campaigns

Prerequisite: MC 1000 and any upper-division MC course.

An overview of organizational promotional strategies including planning, budgeting, media selection, message design, and timing. Case studies illustrate using mass media special events, in-store displays, advertising, public relations, and visual communication to affect audience behavior. Industry dynamics, controversies, trends and implications are analyzed.

Credit: 3

MGMT 3061 - Business Law and Ethics

This course examines the role of the law and ethical decision making on business ownership and management, and the impact of these business decisions on society at large. Topics focus on ethical doctrines and general business law topics including torts, contracts, consumer law, property law, employment law, environmental law, and international law.

Credit: 3

MULT 3780 - Global Documentary

Prerequisite: MULT 1050 or MULT 1100.

This course explores the history, theories, production practices and ethical considerations of documentary filmmaking. Topics include how documentary filmmaking evolved; close textual analysis of documentary films; ethical issues of the documentary mode; and practical applications, including subject research, narrative development, camera operations, lens choices, lighting, collaboration, budgeting, producing, and postproduction. The course provides students with the knowledge, insights, and skill set needed to research and develop a documentary film project while facilitating the development of the student's cinematic voice and vision. This is a project-based course, and the final outcome includes a documentary pitch package and short film.

Credit: 3

MUS 3020 - Vocal Pedagogy

Prerequisite: A grade of C- or better in any WCIL 2 course or HON 1000.

MUS 3020 Vocal Pedagogy is a survey of the study of the human voice and its expressive potential through readings, listening, analyses, observations, and student-guided voice lessons. The course will cover important vocal concepts such as anatomy, alignment, respiration, phonation, resonance, acoustics, vocal health and disorders, changing voice, aging voice, and each issue's corresponding pedagogy.

Credit: 3

NUR 2300 - Pharmacology

Prerequisite: Confirmed Placement Request, or accepted Level 1 Nursing Application.

An introduction to the use of drugs to diagnose, prevent, or treat disease. This course includes dosage calculation which emphasizes critical thinking techniques to effectively, accurately, and safely calculate dosages of medications.

Credit: 3

NUR 6026 - Psychopharmacology Across the Lifespan

Course Restricted to: Psychiatric/Mental Health Graduate Nursing Students

Facilitates the Psychiatric/Mental Health APRN (TCN-focused) through complex role of prescribing psychotropic medications to clients in differing settings. The application of evidence-based knowledge of psychopharmacological principles to treat specific psychiatric conditions is emphasized. Management of iatrogenic/trophicogenic problems caused by pharmacologic agents is explored. Neuropsychiatric development, brain function, neuroanatomy and neurophysiology are examined relational to pharmacologic agents.

Credit: 3

NUR 6970 - Advanced Practice Psychiatric/Mental Health Nursing I

Prerequisite: NUR 6026; Graduate standing in nursing.

Course Restrictions: Psychiatric Mental Health Nurse Practitioner Students

Facilitates the Psychiatric/Mental Health APRN for the complex role of providing mental health care and crisis intervention to adults/geriatric adults of differing social, economic, and cultural backgrounds within a recovery framework. Cultural assessment, psychiatric assessment and diagnosis, differential diagnosis and co-morbidities are incorporated throughout the course. Treatment and management of mental health disorders using a variety of modalities and interventions with emphasis on communication theory and group theory focused on recovery are explored. Synthesis of evidence-based, recovery focused management in concert with social, cultural, environmental, spiritual, and physical needs of the patient and family are emphasized.

Credit: 3

NUR 6971 - Advanced Practice Psychiatric/Mental Health Nursing I Practicum

Prerequisite: NUR 6970; Graduate standing in nursing.

Course Restrictions: Psychiatric Mental Health Nurse Practitioner Students

Facilitates the Psychiatric/Mental Health APRN for the complex role of providing mental health care and crisis intervention to adults/geriatric adults of differing social, economic, and cultural backgrounds within a recovery framework. Cultural assessment, psychiatric assessment and diagnosis, differential diagnosis and co-morbidities are incorporated throughout the course. Treatment and management of mental health disorders using a variety of modalities and interventions with emphasis on communication theory and group theory focused on recovery are explored. Synthesis of evidence-based, recovery focused management in concert with social, cultural, environmental, spiritual, and physical needs of the patient and family are emphasized.

Credit: 5

NUR 6972 - Advanced Practice Psychiatric/Mental Health Nursing II

Prerequisite: NUR 6970; Graduate standing in nursing.

Course Restrictions: Psychiatric Mental Health Nurse Practitioner Students

Facilitates the Psychiatric/Mental Health APRN for the complex role of providing mental health nursing care and crisis intervention to children, adolescents and families of differing social, economic, and cultural backgrounds within a recovery framework. Cultural assessment, psychiatric assessment and diagnosis, differential diagnosis and co-morbidities are incorporated throughout course. Treatment and management of mental health disorders using a variety of modalities and interventions with emphasis on communication theory focused on recovery are explored. Synthesis of evidence-based, recovery focused management in concert with social, cultural, environmental, spiritual, and physical needs of children, adolescents and families are emphasized.

Credit: 3

NUR 6973 - Advanced Practice Psychiatric/Mental Health Nursing II Practicum

Prerequisite: NUR 6971 and NUR 6972; Graduate standing in nursing.

Course Restrictions: Psychiatric Mental Health Nurse Practitioner Students

Practicum II facilitates the Psychiatric/Mental Health APRN student in the complex role of providing mental health nursing care and crisis intervention to children, adolescents and families of differing social, economic, and cultural backgrounds within a recovery framework. Cultural assessment, psychiatric assessment and diagnosis, differential diagnosis and co-morbidities are incorporated throughout course. Treatment and management of mental health disorders using a variety of modalities and interventions with emphasis on communication theory focused on recovery are explored. Synthesis of evidence-based, recovery focused management in concert with social, cultural, environmental, spiritual, and physical needs of the patient and family are emphasized.

Credit: 5

NUR 6974 - Advanced Practice Psychiatric/Mental Health Nursing III

Prerequisite: NUR 6972; Graduate standing in nursing.

Course Restrictions: Psychiatric Mental Health Nurse Practitioner Students

Facilitates Psychiatric/Mental Health APRN student in the complex role of providing recovery-focused, mental health nursing care to clients with chronic, and complex psychiatric needs of differing social, economic, and cultural backgrounds. Emphasis on medication and therapeutic management of clients across the lifespan while integrating evidence-based, recovery-focused approaches. The student builds upon the knowledge and concepts developed/learned in NUR6970 and NUR6972 and more in-depth exploration of treating those with complex psychiatric/mental health needs with a view toward recovery focused interventions. Examination of the forensic, social, cultural, physical, economic, familial, spiritual and societal impacts of severe mental illness incorporates local and world views as well as advocacy opportunities for the Psychiatric/Mental Health APRN. Synthesis of evidence-based, recovery-focused management in concert with social, cultural, environmental, spiritual, and physical needs of these clients is explored.

Credit: 3

NUR 6975 - Advanced Practice Psychiatric/Mental Health Nursing III Practicum

Prerequisite: NUR 6973 and NUR 6974; Graduate standing in nursing.

Course Restrictions: Psychiatric Mental Health Nurse Practitioner Students

Practicum III facilitates Psychiatric/Mental Health APRN student for the complex role of providing recovery focused mental health care to clients with chronic and complex psychiatric needs of differing social, economic, and cultural backgrounds. Emphasis is on medication and therapeutic management of clients across the lifespan while integrating evidence-based, recovery-focused approaches. The student builds upon the knowledge and concepts developed/learned in NUR6970 and NUR6972 and more in-depth exploration of treating those with severe mental illness (SMI) with a view toward recovery-focused interventions. Examination of the forensic, social, cultural, physical, economic, familial, spiritual and societal impacts of severe mental illness incorporates local and world views as well as advocacy opportunities for the Advanced PMH NP. Synthesis of evidence-based, recovery focused management in concert with forensic, social, cultural, environmental, spiritual, and physical needs of these clients is explored.

Credit: 5

NUR 8080 - Analytical Methods for Evidence-Based Practice

Prerequisite: Admission to the DNP program

This course is designed to provide the foundation for applying and implementing research by exploring the nature of inquiry and evaluating designs, methods, and measurements of evidence. Topics of validity, reliability, generalizability, rigor, and trustworthiness will be addressed in this course. Appropriate statistical analysis used to predict and analyze health care outcomes will be presented. Evaluating and using output from statistical computing software are also addressed.

Credit: 3

PSY 7705 - Practicum V

Restricted to students in the Doctorate of Clinical Psychology program

In the six-semester Practicum sequence, students will be placed in a series of increasingly challenging internal and external placements, through which they will acquire hands-on training and experience in conducting psychological assessments and interventions, as well as other approved activities, in a range of settings and with a range of clients. In addition to approximately 16-20 hours per week of on-site practicum experience and individual face-to-face supervision with their practicum site supervisor, students will engage in weekly group supervision on campus in which they may further discuss and process issues arising from their placements with PsyD program faculty and peers. Didactic sessions (concurrent with group supervision) may focus on aspects of assessment, case formulation, treatment planning, and intervention that have been raised in group supervision.

Credit: 3

PSY 7706 - Practicum IV

Restricted to students in the Doctorate of Clinical Psychology program

In the six-semester Practicum sequence, students will be placed in a series of increasingly challenging internal and external placements, through which they will acquire hands-on training and experience in conducting psychological assessments and interventions, as well as other approved activities, in a range of settings and with a range of clients. In addition to approximately 16-20 hours per week of on-site practicum experience and individual face-to-face supervision with their practicum site supervisor, students will engage in weekly group supervision on campus in which they may further discuss and process issues arising from their placements with PsyD program faculty and peers. Didactic sessions (concurrent with group supervision) may focus on aspects of assessment, case formulation, treatment planning, and intervention that have been raised in group supervision.

Credit: 3

PSY 7810 - Advanced Statistics

Restricted to students in the Doctorate of Clinical Psychology program

This course introduces statistical analysis in both application and interpretation, within behavioral science. Emphasis on scientific measurement and interpretation of behavior and mental processes through mathematical objectivity. Statistical concepts include identification of appropriate data analysis, computation of statistical work problems by hand, data entry, data management, and statistical analyses using SPSS. Review of basic statistical concepts, learning advanced concepts, and introduction to advanced modeling will be covered

Credit: 3

PSY 7815 - Multicultural Competence

Restricted to students in the Doctorate of Clinical Psychology program

This course is an introduction to the psychological principles, theories, and applications of multiculturalism. Students will be required to examine one’s own sense of self and others’ identity, beliefs and assumptions, and behaviors from a multicultural perspective. Theories, research, and skills will be explored so that students can acquire the necessary multicultural competencies for effective work with children and adolescents from diverse backgrounds (i.e., culture, race, ethnicity, class, & gender) in multicultural environments (i.e., public schools, community organizations).

Credit: 3

PSY 7820 - Evaluation of Treatment Effectiveness

Restricted to students in the Doctorate of Clinical Psychology program

This course will teach the contemporary psychological approaches to assessment, treatment planning, and intervention based in biopsychosocial systems and evidence-based interventions. Major areas will include mood disorders, anxiety disorders, substance abuse and addictive disorders, personality disorders, and other serious mental disorders such as schizophrenia. Emphasis on multicultural and ecological contexts in planning and conducting multifaceted interventions for change will be covered. Moreover applicable research designs, e.g., single-subject designs, will be taught and applied.

Credit: 3

PSY 7825 - Quantitative Research Methods

Restricted to students in the Doctorate of Clinical Psychology program

This graduate course introduces basic research methodology and experimental design used in psychological science. 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. Topics include the use of human participants in research, reliability and validity, observational methods, and survey and longitudinal designs. Students will be able to distinguish research designs that permit causal inferences from those that do not, evaluate the appropriateness of conclusions derived from psychological research as well as communicate strengths and limitations of various research designs.

Credit: 3

PSY 8000 - Risk Management in Clinical Practice

Restricted to students in the Doctorate of Clinical Psychology program

The practice of professional psychology can be risky for practitioners, especially those new to practice. Risk can arise from many sources, from high-peril clients to inattentiveness, to details in completing paperwork. This course will teach students to recognize risk, whatever the source, and to make appropriate ethical, legal, and clinical decisions that minimize risk of patient harm, physical harm to the clinician, and potential disciplinary or legal actions.

Credit: 3

PSY 8730 - Crisis Intervention and Trauma

Restricted to students in the Doctorate of Clinical Psychology program

This course will provide an overview of the psychological impact of crisis and trauma across the lifespan, including cultural and historical trauma. It includes theories of trauma from the Greco-Roman period to today, the multifaceted, biopsychosocial nature of trauma and traumatic stress, the effect of trauma on individuals and systems, and the concepts of resilience and posttraumatic growth. It reviews evidence-based assessment and trauma-focused intervention for conditions such as PTSD, as well as trauma-informed interventions and practice, crisis interventions, and disaster response, and self-care issues for psychologists practicing in this field

Credit: 3

PSY 8800 - Dissertation Preparation

Restricted to students in the Doctorate of Clinical Psychology program

This course will provide guidance for the student who is beginning to plan their dissertation. Through seminars, interactive exercises, and group supervision, students will generate and develop research questions and hypotheses, begin a preliminary literature review, develop their methodology, and begin writing their proposal and IRB protocol. Through a process of two-way interviews, they will also select a dissertation chair and committee members. At the end of this course, students will submit their formal dissertation proposal for approval.

Credit: 2

PSY 8814 - Advanced Topics in Psychopathology, Assessment, and Intervention

Restricted to students in the Doctorate of Clinical Psychology program

Intensive review of selected topics in the areas of psychopathology, assessment, and intervention. Course content and prerequisites will vary as set forth in an approved syllabus. Indicative topics include: Humanistic, Existential, and Experiential Therapies, Personality Disorders, Psychological Treatment of Physical Health Conditions and Issues, Child and Family Therapy, Substance Abuse, Neuropsychological Assessment, Psychopharmacology, Behavioral Medicine, and Forensic Psychology.

Credit: 3

Updated Courses:

ARTS 3000 - Arts Entrepreneurship

Course description updated from *Students will explore a variety of interdisciplinary case studies in music business, visual arts marketing, theatre, film and media, talent public relations, event production, nonprofit and performing arts through the creative lens of entrepreneurship and emotional intelligence. Additional resources within analyzing periods of economic uncertainty and heightened social entrepreneurship will be included. Utilizing a framework of the Business Model Canvas stemming from a Nonprofit Organization viewpoint, the midterm is a written paper and the final takeaway is project based. Class participation and discussion are essential for seminar completion.* to *Students will explore a variety of interdisciplinary case studies in music business, visual arts marketing, theater, film and media, talent public relations, event production, nonprofit and performing arts through the creative lens of entrepreneurship and emotional intelligence. Utilizing a framework of the Business Model Canvas, stemming from a Nonprofit Organization and Public Good Entity viewpoint, the final takeaway is project-based. Project options include but are not limited to a creation/design of a new arts organization, self-career projection portfolio, pitch deck of an entrepreneurial initiative, or other project topic as discussed and approved by the professor. Class participation and discussion are essential for seminar completion.*

ARTS 3020 - Introduction to Painting

Course prerequisite updated from *Any ARTS or ARTH course* to *ARTS 2010*

BIOL 3081 - Ecology Laboratory

Course prerequisite updated to *BIOL 2053; BIOL 3080 (concurrent enrollment allowed); MATH 1123 (concurrent enrollment allowed) or BIOL 3090 (concurrent enrollment allowed).*

Course description updated to *Laboratory component of BIOL 3080. An introduction to the collection and analysis of data pertaining to the distribution and abundance of organisms, and the writing of scientific papers. Includes the critical reading and evaluation of the scientific literature.*

BIOL 4950 - Biology Practicum

Course description updated to *Practicum research for students working on special topics in biology under the direction of the biology faculty. Repeatable up to 12 credits.*

CJ 2060 - Justice Systems

Prerequisite updated from *PSCI 1400* to *PSCI 1400 and CJ 1050*

CJ 3070 - Justice Management

Prerequisite updated from *A grade C- or higher in WC&IL II course and any lower-division criminal justice course* to *A grade C- or higher in WC&IL II; and CJ 1050*

CJ 3300 - Criminal Procedures

Prerequisite updated from *A grade of C- or higher in any WC&IL II course and any lower-division criminal justice course* to *A grade C- or higher in WC&IL II; and CJ 1050*

CJ 3320 - Corrections: Processes and Programs

Prerequisite updated from *A grade of C- or higher in any WC&IL II course and any lower-division criminal justice course* to *A grade C- or higher in WC&IL II; and CJ 1050*

CJ 3500 - Criminal Law

Prerequisite updated from *A grade of C- or higher in any WC&IL II course and any lower-division criminal justice course* to *A grade C- or higher in WC&IL II; and CJ 1050*

CJ 3530 - Juvenile Deviancy and Justice

Prerequisite updated from *A grade of C- or higher in any WC&IL II course and any lower-division criminal justice course* to *A grade C- or higher in WC&IL II; and CJ 1050*

COM 6990 - Internship

Prerequisite updated to *COM 6000 and COM 6050; at least 3.0 GPA.*

Course description updated to *Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 6 credit hours.*

CSCI 2911 - Computer Science I

Course description updated to *The fundamentals of algorithmic problem solving, plus structured and object-oriented programming using the Java language. Topics include problem analysis and decomposition; stepwise refinement; pseudocode and charting techniques; basic control structures and data types; regular expressions and data validation; modularization and parameter passing; object-oriented design and classes; ASCII text files; arrays and ArrayLists; testing and debugging. CSCI 2916 lab reinforces these topics with extensive programming assignments.*

CSCI 2912 - Computer Science II

Course description updated to *An intermediate problem-solving and programming course using the Java programming language. Topics include composite and abstract data structures; GUIs and event-driven programming; inheritance and polymorphism; abstract classes and methods; interfaces; error handling using exceptions; binary files; recursion; and key software engineering practices such as: defensive programming, documentation, code design based on user specification, refinement, and testing. These topics are reinforced through extensive programming assignments. This course builds on CSCI 2911 and provides foundational material for CSCI 2913.*

CSCI 2916 - Computer Science I Lab

Course description updated to *Lab component to accompany CSCI 2911. This course will provide directed lab projects for students to exercise and to reinforce their understanding of the content of CSCI 2911 and to develop their skills in creating and debugging computer programs.*

CSCI 3101 - Algorithms

Course description updated to *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; breadth and depth-first search; Dijkstra's shortest-path algorithm; minimum spanning trees, Prim's algorithm; maximum network flow; dynamic programming; NP-complete problems and the P and NP classes; and the halting problem as an example of a provably unsolvable problem. In-depth programming assignments.*

CSCI 3401 - Data Communications

Course description updated to *An introduction to fundamental concepts in the design and implementation of computer communication networks, their protocols, and applications. Topics to be covered include: overview of network architectures, applications (HTTP, FTP, SMTP, POP3), network programming interfaces (e.g., sockets), transport (TCP, UDP), flow control, congestion control, IP, routing, data link protocols, error detection/correction, multiple access, LAN, Ethernet, wireless networks, and cloud/edge computing.*

CSCI 3601 - Operating Systems

Course description updated to *An introductory course on the design and implementation of operating systems. The course describes concepts of operating systems in terms of functions, structure, and implementation. Topics include process coordination, parallel vs. concurrent processes, deadlocks, memory management, device management, file systems, virtual machines, and network and distributed operating systems. Illustrates concepts with examples from existing operating systems. Concepts reinforced through computer simulations.*

ENG 3300 - Theoretical Perspectives

Course description updated to *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. Repeatable for a total of six credits when the focus has changed.*

ENGB 3002 updated to ENGB 4001

Course Prerequisite updated to *BIOL 3170, CHEM 2050, and ENGB 3001.*

ENGB 4002 - Tissue Engineering

Course Prerequisites updated to *ENGB 4001*

ENVS 6060 - Geographical Information Systems 2: Spatial Analysis

Course Prerequisite updated to *ENVS 6032 or permission of instructor. Graduate standing.*

ENGT 2001 updated to ENGT 2100

Course Prerequisite updated to *CHEM 2050, ENVS 2000, BIOL 2050, and ENGT 2101 (concurrent enrollment allowed).*

ENGT 2002 updated to ENGT 2200

Course Prerequisite updated to *BIOL 2050, CHEM 2050, and ENVS 2000, and ENGT 2201 (concurrent enrollment allowed).*

HON 2100 - Sophomore Honors Seminar II

Course Prerequisite updated to *HON 1100*

Course description updated to *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.*

HON 2200 - Sophomore Honors Seminar III

Course Prerequisite updated to *HON 1100*

Course description updated to *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.

INTR 4900 - Senior Seminar in International Studies

Prerequisite updated to PSCI 2100 or SOC 3100; and two upper-division PSCI or INTR courses

MARS 3000 - General Oceanography

Course title updated from *General Oceanography I* to *General Oceanography*

Course description updated to *An introduction to geological, physical and chemical oceanography. Topics include: earth history, plate tectonics, geophysics, geochemistry, marine sediments, physical properties of salt water, major and minor components of seawater, ocean-atmosphere interactions, weather and climate, ocean circulation, waves, tides, and coastal oceanography.*

MARS 3001 - General Oceanography I Lab

Course prerequisite updated to *MARS 1020 (concurrent enrollment allowed) and MARS 3000 (concurrent enrollment allowed); BIOL 2053 or CHEM 2053.*

Course description updated to *Laboratory and field component of MARS 3000. Students will practice making oceanographic measurements and will summarize their findings in scientific reports.*

MARS 3002 - Ocean Biology

Course title updated to *Ocean Biology*

Course prerequisite updated to *BIOL 2052 or CHEM 2052*

Course description updated to *An introduction to biological oceanography and marine biology. This course surveys the vast biodiversity of the oceans from marine viruses and bacteria to invertebrates, fishes, marine reptiles, mammals, and seabirds. Topics include spatial and temporal patterns of productivity, food webs, energetics, ecology and evolution, and anthropogenic impacts on planktonic and benthic organisms and ecosystems.*

MARS 3003 - General Oceanography II Lab

Prerequisite updated to *MARS 1020 (concurrent enrollment allowed) and MARS 3002 (concurrent enrollment allowed); BIOL 2053 or CHEM 2053*

Course description updated to *Laboratory and field component of MARS 3002. Students will learn how to sample phytoplankton and zooplankton in the field and to identify and quantify local plankton species in the lab. They will learn how to identify local coastal marine species from a diversity of phyla and will be trained in contemporary field survey methods to quantify species in a variety of nearshore habitats. Students will learn how to keep good field and lab notebooks, and how to graph, analyze, interpret, and describe their data in a format consistent with the primary literature of the field.*

MC 2100 - Mass Communication Research

Course prerequisite updated to *MC 1000 or COM 1000 or COM 2000*

NUR 2930 - Pathophysiology

Prerequisite up to *Confirmed Placement Request, or accepted Level 1 Nursing Application.*

Course description updated to *This course provides an in-depth study of human pathological processes and their effects on homeostasis. Emphasis is on interrelationships among organ systems and deviations from homeostasis. Upon completion, students should be able to demonstrate a detailed knowledge of pathophysiology.*

NUR 6030 - Advanced Assessment and Diagnostic Reasoning

Credits updated from 2 to 3

NUR 6961 - FNP Practicum I

Course title updated to *FNP Practicum I*

Course Description updated to *Novice level application of concepts and principles of assessment, diagnosis, management, and evaluation of clients in primary care settings across the lifespan.*

NUR 6963 - FNP Practicum II

Prerequisite updated to *Completion of core courses; NUR 6961*

Course description updated to *Advanced Beginner level application of concepts and principles of assessment, diagnosis, management, and evaluation of clients in primary care settings across the lifespan*

Number of credits updated to *3*

NUR 6965 - FNP Practicum III

Course title updated to *FNP Practicum III*

Course description updated to *Intermediate level application of concepts and principles of assessment, diagnosis, management, and evaluation of clients in primary care settings across the lifespan.*

NUR 6967 - FNP Practicum IV

Course title updated to *FNP Practicum IV*

Course description updated to *Advanced level application of concepts and principles of assessment, diagnosis, management, and evaluation of clients in primary care settings across the lifespan.*

PSCI 4900 - Senior Seminar

Course Prerequisite updated to *PSCI 2100 and two upper-division PSCI or INTR courses.*

WRI 1050 - Introduction to Academic Writing

Course description updated to *This course introduces students to college-level writing. It provides instruction in essay development, and the writing process, including brainstorming, drafting, revising, and editing. Students must earn a grade of C- or higher to move on to WRI 1100.*

WRI 1100 - Writing and Analyzing Arguments

Course Prerequisite updated to *A grade of C- or better in WRI 1050 or a score of 480+ in SAT Evidence Based Reading & Writing or a score of 21+ in ACT English or a score of 5+ in Accuplacer Writeplacer*

WRI 1101 - Writing and Analyzing Arguments Laboratory

Course title updated to Writing and Analyzing Arguments Laboratory

Course description updated to 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.

WRI 3330 - Fiction Writing Workshop

Course title updated to *Fiction Writing Workshop*

Course description updated to *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. This course is conducted as a creative writing workshop.*

WRI 4990 - Advanced Writing Revision Workshop

Course description updated to *Using a workshop format, students will study the 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 three credits will synthesize selected pieces into a coherent, compelling, portfolio that they may carry forward to their professional or graduate school careers.*

Retired Courses:

ENGT 2001 - Biomaterials

ENGT 2002 - Bioprocesses

NUR 2710 - Pathopharmacology

NUR 6031 - Advanced Assessment and Diagnostic Reasoning Lab

WRI 1000 - Academic Writing for ESL Students

Addendums

ADDENDUM: HAWAIʻI PACIFIC UNIVERSITY 2022-2023 ACADEMIC CATALOG

The Hawaiʻi 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 2022-2023 academic catalog. All changes have been made to the online version of the catalog and are listed below for reference.

Undergraduate Admissions

APPLICATION FORM

Undergraduate applicants apply using the Common Application available at www.commonapp.org or via HPU's Admission Application at 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 Admissions Office
1 Aloha Tower Drive
Honolulu, HI 96813-9887
Phone Number: (808) 544-0238
Fax Number: (808) 544-1136

Email: admissions@hpu.edu

Web: www.hpu.edu

First-Time Freshman

FIRST-TIME FRESHMAN

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 may apply with or without submitting standardized test scores from the Scholastic Aptitude Test (SAT) or American College Testing (ACT). We also consider qualitative factors, such as your essay, letters of recommendation, and extracurricular activities. International students and non-native speakers require proof of English proficiency.

LETTERS OF RECOMMENDATION

Letters of recommendation are strongly encouraged.

TRANSCRIPTS

"Unofficial" transcripts may be submitted with the application for admission purposes. Upon acceptance to HPU, students may be required to provide official transcripts. Official transcripts should 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 by a certified and accredited service.

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.

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.

Undergraduate Admissions

Transfer Students

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 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 fewer 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. Students seeking to transfer are preferred to have a 2.75 or above at the postsecondary level and a 3.0 or above at the secondary level.

Undergraduate Admissions

Additional Requirements

ADDITIONAL REQUIREMENTS

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.

NURSING

In addition to satisfying all regular Hawai'i Pacific University admission requirements, students who are applying for the Bachelor of Science in Nursing program must meet additional requirements. Only those applicants who are deemed admissible to the university will be considered for admission into the BSN program. The nursing program is highly competitive. Meeting minimum criteria for admission does not guarantee acceptance to the program.

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. The letter should be sent directly to the HPU 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.

To review the admission criteria and procedures for the BSN, students are encouraged to refer to the College of Health and Society nursing website at https://www.hpu.edu/chs/nursing/bsn/index.html.

Undergraduate Admissions

Dual-Credit Programs

DUAL-CREDIT PROGRAMS

Through partnerships with Hawai'i high schools, Hawai'i Pacific University offers dual-credit programs, providing students the opportunity to earn college course credit while in high school. High schools interested in discussing dual-credit program partnership options with HPU should contact the office of Outreach Programs in the College of Professional Studies, outreach@hpu.edu, 808-356-5292.

Undergraduate Admissions

Visiting Students

VISITING STUDENTS

A visiting student is defined as a student currently attending another university who wants to attend HPU for a maximum of two semesters and take university-level classes. 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 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.

Undergraduate Admissions

Special Status Students

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 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 18 credit hours. These credits may be applied to a degree program should a special status student apply for admission as a degree-seeking student.

Graduate Admissions

GRADUATE ADMISSIONS

The goal of graduate education 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 and technical and communication skills are part of the curriculum to prepare the graduate to become a decision-making professional, complete with the attitudes and abilities necessary 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 graduate programs 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.

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, and English proficiency (non-native English speakers).

Refer to desired program specific requirements for more information.

Application Procedures

APPLICATION PROCEDURES

How to Apply

Applicants should submit the following materials to:

Hawai'i Pacific University Admissions Office
1 Aloha Tower Drive
Honolulu, HI 96813-9887

Students applying for admission to the graduate program should:

1. Complete the Graduate Application online via the online application at www.hpu.edu/apply. Please be sure to complete all sections of the application.
2. Pay the application fee of $55.00 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 at grad@hpu.edu

*Exceptions for the following degree programs:

1. Doctor of Clinical Psychology (Psy.D) apply online using the Graduate Psychology Centralized Application Service (PSYCAS)
2. Doctor of Physical Therapy (DPT) apply online using the Physical Therapist Centralized Application Service (PTCAS) application beginning on August 2, 2021.

Graduate Special Status Applicants:

Students who wish to take graduate credit courses at Hawai‘i Pacific University, who are not seeking a degree or participation in federal financial aid programs, may apply online via the online application at www.hpu.edu/apply. 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.

Additional Requirements for International Students

1. Transcripts: International students must provide third-party certified evaluations (**COURSE-BY-COURSE WITH GPA CALCULATION**) and translation from NACES or AICE member organizations. Third-party certified evaluations must be sent directly to HPU from the issuing NACES or AICE member organization to be considered official.
2. English Language Requirement: Non-native English speakers must satisfy the English competency requirement. www.hpu.edu/graduate-admissions/grad-international
3. 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

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 bachelor’s degree or equivalent and wants to take a semester or a year before starting graduate school 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 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.

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.

Financial Aid

GENERAL INFORMATION

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 https://www.hpu.edu/financial-aid/ 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 at 500 Ala Moana Blvd, Suite 5A, and 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) (866) CALL-HPU (225-5478), or emailing financialaid@hpu.edu.

Eligibility for Federal Aid

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 or 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* https://studentaid.gov/h/apply-for-aid/fafsa. *A paper FAFSA can be obtained by calling (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.

Financial Aid

Forms of Federal Aid

FORMS OF FEDERAL 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.

Financial Aid

Federal Financial Aid

FEDERAL FINANCIAL AID - studentaid.gov

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.). The Federal Pell Grant prorates based on 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.

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. The interest rate 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. Funds are paid for students working the hours of their job. There are a limited number of FWS jobs available for students and placement is not guaranteed.

Federal Direct Subsidized Loan

Need-based, fixed interest loan made through the Department of Education to undergraduate students. Generally, repayment begins six months after the borrower graduates or ceases to be at least a half-time student. 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 (0-30 credits); second-year students up to $4,500 (31-59 credits); undergraduate students who have completed two years up to $5,500 (60+ credits, as determined by credits completed). The aggregate subsidized 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. The aggregate direct loan limit for undergraduate dependent students is $31,000 and $57,500 for undergraduate independent students. Graduate and professional students may borrow a combined amount of $138,500 (including loans borrowed at the undergraduate level).

Federal Direct 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). Parents must have acceptable credit history to be eligible for the PLUS loan. Repayment usually begins after the loan is fully disbursed.

Federal Direct 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.

Financial Aid

Tuition Payment Plans

TUITION PAYMENT PLANS

Hawai'i Pacific University has partnered with Transact to offer the ability to conveniently distribute your portion of tuition and fees across manageable monthly installments. Using a payment plan will let you avoid high interest rates normally seen with traditional loans. The cost to you is a small, non-refundable enrollment fee of $35 (Summer term) or $65 (Fall or Spring terms) for each term you wish to enroll in a payment plan.

Students can see the deadlines to sign up for payment plans on the website: https://www.hpu.edu/business-office/monthly-payment.html.

Financial Aid

Leave of Absence

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.

Financial Aid

Scholarship Programs

SCHOLARSHIP PROGRAMS

Hawai‘i Pacific University scholarships are awarded on the basis of merit or talent as demonstrated in the application process. 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 for information concerning potential opportunities to participate on an HPU athletic team and eligibility requirements to earn athletic scholarships.

Tuition

Like most independent universities, Hawai‘i Pacific University 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.

Hawai‘i Pacific University offers courses in face-to-face, hybrid, and online formats. Tuition and fees will remain constant in the event of a change in delivery format in response to a local, state, national, or international emergency. By registering for courses, Hawai‘i Pacific University students agree to comply with all requirements for registration and fulfill all financial obligations related to enrollment. You are responsible for paying your financial obligations in full by the tuition due date regardless of whether or not you receive an email notice (please refer to the Academic Calendar for each term at https://www.hpu.edu/registrar/academic-calendar.html). If payment is not timely, late fees may apply at 5% of the balance, not to exceed $50.00/month. In addition, a Financial Hold will be placed on your student account as noted in the Academic Calendar.

If a Financial Hold (identified as “Account Balance/AB”, “Super Hold/MS”, or “Misc. Financial Hold/FH”) is placed on your student account, this Financial Hold will block registration for future terms at HPU, viewing grades, ordering official transcripts, or viewing unofficial transcripts until the student account balance is zero.

The responsibility to drop courses belongs to the student. Students must drop all of their courses before the published deadline for the term or session in order to cancel registration, and receive a 100% tuition refund. Should the student drop the courses after the 100% tuition refund period has passed, the student is responsible for a portion or all of the dropped credits as outlined in the Academic Calendar. The tuition and fee schedules can be found at the HPU website: https://www.hpu.edu/business-office/fee-schedule.html. Tuition and fees are subject to change. This website is updated monthly to reflect the current charges. Note that the Doctor of Physical Therapy follows a tuition per term model, not tuition per credit. More details can be found at: https://www.hpu.edu/chs/dpt/tuition-and-financial-aid.html

There are instances where a student may be administratively removed from a course. The University reserves the right to remove students from courses under these specific circumstances: the student does not participate or otherwise academically engage in a course by the census date (see below); the student fails to meet the pre-requisite requirements for a course; the student violates the Code of Conduct.

Census Dates: a census is taken each term and part-of-term to capture the total number of students enrolled at HPU. A student must be academically engaged in each course by the census date or may be administratively dropped from the course. Census is taken as follows:

- 16-week terms: Day 16
- 8-week terms: Day 10
- 4-week terms: Day 5
- 3-week terms: Day 5

Student Success Support Services

Student Success Support Services

Academic Advising

ACADEMIC ADVISING

Academic Advisors help students set and achieve their academic and personal goals. These goals are realized through our hybrid advising model, which enables students to develop a collaborative working relationship with a professional advisor within their first two years and then transition to working with a faculty advisor within their last two years until graduation. Through mentorship, students are able to define and implement sound educational plans that are consistent with their personal values, goals, and career aspirations.

Academic Advisors (professional advisors and faculty advisors) assist students with the following:

- Making a smooth transition from high school, other institutions, or professional experiences
- Declaring or changing a major, minor, and/or concentration
- Creating an academic plan and tracking progress toward graduation
- Selecting appropriate courses for registration
- Making satisfactory academic progress
- Understanding degree requirements as well as 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 Academic Advising Services located on the downtown campus [phone: (808) 544-1198; email: advising@hpu.edu; office: Waterfront Plaza, Building 6, 4th floor]. Incoming freshmen and transfer students are assigned a professional advisor based on their intended major or academic pathway. Students who have not selected a major will work with an advisor who will guide them through selecting an appropriate degree program. Freshmen and sophomore students will work primarily with professional advisors. Juniors and seniors will work primarily with faculty advisors. Transfer students who are juniors or seniors will start with a professional advisor and then transition to a faculty advisor when appropriate.

We recommend connecting with an academic advisor as soon as possible, and maintaining regular contact each semester in order to stay on track for graduation. In the main advising office, drop-in services are available on a first-come, first-served basis on selected days; students are encouraged to call or go online at hpu.edu/academic-advising for an appointment. Faculty advisors generally set their own hours and meet in their offices, so students should reach out to them directly as needed.

Student Success Support Services

Admission Office

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 explain how transfer credits are evaluated 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

Student Success Support Services

Alumni - University Relations

ALUMNI – UNIVERSITY RELATIONS

University Relations (UR) furthers the mission, values, and educational objectives of the University by engaging the HPU community and encouraging lifelong investment in support of HPU students as they prepare to live, work, and learn as active members of a global society.

The HPU ‘ohana has a network of 40,000 alumni in all 50 dates and over 100 counties worldwide. HPU provides alumni several ways to stay connected to the university, including benefits such as an Alumni ENewsletter, access to the HPU Career Development Center to support every step of your career development, 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/alumni

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 (866) CALL-HPU [U.S. and Canada only] • Email: alumni@hpu.edu • Web: https://www.hpu.edu/alumni/

Student Success Support Services

Athletics

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 or contact us at 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 Hawai‘i 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. 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.

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.

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.

Student Success Support Services

Business Office

BUSINESS OFFICE

The Business Office is responsible for the overall accounting, financial reporting, accounts receivable, accounts payable, fixed assets, and cash management for the university. The Business Office provides students with assistance in the following areas:

- Understanding the charges to their student account
- Creating eBill Statements for viewing on the MyHPU Portal **eBill + Pay Bill**
- Creating a budget and setting up payment plans online through Cashnet.
- Accepting and receipting payments online or in person
- Servicing Federal Nursing and Perkins loans
- Processing financial aid refunds once the Financial Aid Office has awarded aid to the student's account
- Processing non-financial aid refund requests
- Processing 1098-Ts
- Reviewing financial holds: Account Balance (AB) and Super (MS), and Miscellaneous Financial (FH) Holds

Students can learn more about making payments, creating monthly payment plans, billing and eBills, Business Office Policies and Deadlines, 1098-T information and much more by visiting our website, https://www.hpu.edu/business-office/.

- Paying Tuition: https://www.hpu.edu/business-office/paying-tuition.html.
- Monthly Payment Plans: https://www.hpu.edu/business-office/fee-schedule.html.
- Billing and eBills: https://www.hpu.edu/business-office/billing.html.
- Policies and Deadlines: https://www.hpu.edu/business-office/policies-deadlines.html.
- Form 1098-T: https://www.hpu.edu/business-office/1098t-tax-form.html.

Students may contact the Business Office in person (Waterfront Plaza Student Services, 8:00 a.m. to 5:00 p.m. [HST], Monday through Friday, excluding observed University holidays), by phone (808) 356-5272, or by email (ar@hpu.edu). Email is the recommended form of communication with the Business Office. With email, students can provide in-depth details and attachments to help the staff understand and address their concern. Students should always include their Student ID number so the Business Office can easily access the appropriate student account.

The office is physically located on the Downtown Campus at the Waterfront Plaza, Building 5, Level 1, 500 Ala Moana Blvd., Honolulu, HI 96813.

Student Success Support Services

Career Development Center

CAREER DEVELOPMENT CENTER

The Career Development Center (CDC) provides a wide array of career-related resources 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 Development 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 offer valuable work experience opportunities and provide access into the field or industry in which students are majoring. Resources and services are provided free of charge to HPU's student body and alumni from the Downtown, Hawai'i 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
- Career development workshops
- Interest and personality assessments
- On-campus employer recruitment
- Internship programs
- Job search assistance
- Résumé writing assistance
- HPU Connect: Online Job Search Platform
- Mock interviews

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. Federal SEVIS immigration regulations provide limited opportunities for international students to engage in employment off campus. The Career Development advisors work together with OISS for approval to ensure that international students find appropriate 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 Development Center is located at 500 Ala Moana Blvd, Suite 6-440. Students and alumni are highly encouraged to schedule an appointment for one-on-one personalized services.

Student Success Support Services

Counseling and Behavioral Health Services

COUNSELING AND BEHAVIORAL HEALTH SERVICES

The Counseling and Behavioral Health Services (CBHS) department provides ***FREE AND CONFIDENTIAL*** counseling services to current registered HPU students. The CBHS staff provides the following counseling services:

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

Licensed psychologists and licensed therapists provide services at the Waterfront and Hawai'i Loa campuses. To schedule an appointment, please contact the main office number at (808) 687-7076. The CBHS department can also be reached by email at counseling@hpu.edu. All appointments must be scheduled by calling the number listed above, or at our Waterfront Office located at Waterfront Plaza, Building 6, Suite number 402.

If you're experiencing an emergency or crisis and we are unavailable during business hours, or if it is after business hours or the weekend, please call the Mobile Crisis Hotline at (808) 832-3100, call 911, or go to the nearest Hospital Emergency Room for assistance.

Student Success Support Services

Dining Services

DINING SERVICES

HPU has two on-campus dining options for students: Pier Nine by Sam Choy at Aloha Tower Marketplace and the Hawaii Loa Campus Dining Commons. Students who reside off-campus may opt-in to various meal plans at both locations. For more information, go to https://www.hpu.edu/residence-life/index.html or www.pierninebysamchoy.com

Student Success Support Services

Financial Aid Office

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.

Student Success Support Services

First Year Programs

FIRST YEAR PROGRAMS

First Year Programs (FYP) develops and implements programs and services that promote, support, and enhance the co-curricular experiences of first year students at HPU. FYP collaborates with various departments to provide student support services and activities that help acclimate first year students to university life and develop a sense of community.

Primary Functions

- Provide orientation during the fall and spring semesters to ease the student transition to HPU and help new students to become more familiar with the university community.
- Promote student connections with faculty, staff and peers through a variety of co-curricular programs.
- Foster a sense of place by designing student experiences that connect students to Hawaii, and extend their learning and relationships in the greater community.
- Respond to and provide assistance to parents and families of first year students.
- Collaborate with Housing and Residence Life staff on residential community events, activities and programs.

Hours and Contact Information

For more information, call (808) 544-0277; visit www.hpu.edu/fye and Instagram: @hpufye; stop by Aloha Tower Marketplace, Ste. 1400; or email readysetgo@hpu.edu.

Student Success Support Services

Health and Wellness

On-Campus Health Services

HPU students have access to on-campus health services during the fall and spring semesters. The third party provider, SP Health Clinic, staffs the office in Health Services Office (ATM Ste. 1315; 808-544-9361; studenthealth@spclinic.org). Those participating in the program will have no co-pay at the time of visit, and health insurance is not required to be seen. For more information, go to www.hpu.edu/healthcare

Food Pantry

We are pleased to provide the HPU Food Pantry and other food programs for all HPU students. The pantry is available to provide nourishment as well as self-care items at no cost to HPU students who find themselves in need. This is for those who do not have consistent access to meals or basic necessities. Everything is provided by the generous donations of our students, faculty and staff. The goal is to support our student's success by alleviating food insecurity and the stress of hunger within our HPU student community. For more information go to www.hpu.edu/healthcare

Health Insurance

While studying at Hawai‘i Pacific University (HPU), students need to protect their health and financial stability by having adequate health coverage to address minor and major illnesses that may arise, and to avoid unexpected interruption of their education by high medical expenses. We strongly urge all HPU students to have medical insurance. For more information go to www.hpu.edu/healthcare

Recreation Programs

Campus Recreation is excited to offer students, faculty and staff at Hawaii Pacific University many new and exciting opportunities to stay physically active. Campus Recreation is promoting a fun and healthy balance to an academic life. Programming and offerings are based on student interests and needs, so it is encouraged to contact the Campus Recreation office with suggestions, inquiries, and feedback about what could be added. Continue to check the schedule of events to begin participating in the year ahead. Stay active, stay healthy! For more information contact www.hpu.edu/healthcare

YOU@HPU: Succeed, Thrive and Matter

YOU.HPU.EDU is a path to self-exploration that connects students to personalized resources, whenever and wherever, to help them make the most of their college experience and to support their goals to Succeed, Thrive and Matter. Students can assess and expand on their lifestyle in a way that captures their health, sense of purpose and life trajectory. Based on input from the student, the portal shuffles its cards in order to serve the most relevant content for each, unique student .For more information go to www.hpu.edu/healthcare

The Shark Way

The Shark Way program is an alcohol education initiative to raise awareness in our community. This program is led by the Office of Student Conduct and collaborates with various campus parnters to promote activities and resources to help students make wise and healthy choices regarding alcohol and drug use. For more information go to www.hpu.edu/healthcare

Student Success Support Services

Honor Societies

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 https://www.hpu.edu/honor-societies/.

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 webpage 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 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

Student Success Support Services

Housing & Residence Life

HOUSING AND RESIDENCE LIFE

Students may select from three residential communities: Waterfront Lofts at the Aloha Tower Marketplace, the Hawai‘i Loa Campus, and the Park Shore Waikiki Hotel. Each community is staffed by live-in student Community Advisors (CAs) and Area Coordinators (full-time professional staff) who provide community building activities and address student concerns, conflicts, and emergencies.

Each bedroom is equipped with basic furniture, including an extra-long twin bed, desk, and closet space and/or dresser for each resident. A variety of room types are available: studios, lofts, and suites. Most bedrooms house 2, 3, or 4 students with either semi-private or shared bathroom facilities (depending on room type and location). All areas offers a community area for resident activities, group study, and programs. All university housing is non-smoking.

Meal plans are required for residents at the Waterfront Lofts and the Hawaii Loa Campus. Meal plans can be used at the Aloha Tower Marketplace’s Pier Nine by Sam Choy and the Hawai‘i Loa Dining Commons (DC), which is located in the center of the Hawai‘i Loa residence hall complex. Aramark, who manages both sites, provides meal service for students, faculty, and staff.

For more information about university housing, go to www.hpu.edu/housing.

Student Success Support Services

HPU ID Card

HPU ID CARD

The HPU ID Card (sometimes referred to as the HPU UniCard) serves as the official photo identification for students, faculty, and staff and is required for several activities such as using the intercampus shuttle service, borrowing materials from the University Library, entering the ATM Learning Commons, and receiving tutorial services on the downtown campus. 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 ID Card.

HPU ID Card Services are provided by in the Registrar’s Office at the Student Services Center, Waterfront Plaza. There is no charge for the initial HPU ID, 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 ID Card, 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 ID. The HPU ID is generally available for pick-up the same day that the photo is taken.

Continuing Students

Students who were issued HPU ID Cards 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 ID, and HPU staff will verify registration.

New Faculty and Staff Members

New faculty and staff members will have their HPU ID Card photo taken at the Human Resources Office once they have completed the required new hire forms. Their HPU ID Card will be available for pick-up at the Student Services Center or arrangements can be made to deliver the ID to the respective department office.

Student Success Support Services

Military/Veterans

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/Veterans Center, located at the downtown campus (Pioneer Plaza, 2nd floor), is available to assist students with VA benefit information, paperwork, and enrollment certification.

MILITARY CAMPUS PROGRAMS AND SERVICES

College of Professional Studies (CPS), 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. Staff are also available by telephone and email to support the needs of students located off-island who are taking courses though CPS's distance learning programs. Further information is available in the College of Professional Studies section of the catalog and on the HPU website at https://www.hpu.edu/military-and-veterans/index.html.

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

Once eligibility is confirmed by the VA, 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 Center for guidance on the processing of their course certifications. Staying in contact with the Military/Veterans 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 veteran's 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 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.

Students utilizing chapter 31 Vocational Rehabilitation and Employment (VR&E) are covered individuals when the authorization into a program approved by VR&E has been received by the School Certifying Official.

Students utilizing chapter 33 veteran's education benefits are covered individuals when they submit a "certificate of eligibility' or "statement of benefits" obtained from the Department of Veterans Affairs website to the School Certifying Official (SCO).

Covered individuals are permitted to attend or participate in the course of education beginning on the date on which the student provides to HPU the documents described in the previous paragraph. No imposition of penalties such as late fees, denial of access to classes, libraries or other institutional facilities will be imposed on the student. The covered individual will not be required to borrow additional funds to meet the financial obligations to HPU due to the delayed disbursement of funding from the VA under chapter 31 or chapter 33.

The covered individuals are required to submit their "request for enrollment certification" to the SCO so that the enrolled training periods are certified and the SCO enter the payments into the student account expected to be disbursed from the VA.

Questions regarding eligibility, payments, or benefits should be directed to the VA at https://www.va.gov/education/about-gi-bill-benefits/ or (888) GI-Bill-1. To contact the HPU VA Certifying Official, please contact va@hpu.edu or (808) 356-5222. Refer to Appendix A for Graduate Level Enrollment Status information.

ROTC

Interested and qualified HPU students may participate in the Military Science and Aerospace Studies (Army and Air Force ROTC) programs located nearby at the University of Hawai'i at Mānoa campus. Through this program, full-time students pursue a commission in the U.S. Air Force, U.S. Army, U.S. Army Reserve, or the Hawai'i Army National Guard. Students register and attend most of their courses at Hawai'i Pacific University with additional training and lecture sessions at the University of Hawai'i at Mānoa campus. For more information, students should contact the HPU Military/Veteran Center or the Air Force or Army program representatives at (808) 956-7734 (Air Force ROTC) or (808) 956-7766 (Army ROTC).

Student Success Support Services

Music Programs

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. 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, French horn, trombone, bass trombone, tuba, piano, guitar, bass guitar, ukulele, 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, Classical and Romantic eras, with occasional performances with guest artists. Academic credit is offered as MUS 3720.

International Chorale and Vocal Ensemble

By studying and performing a wide array of choral music, the choral program strives to embody and learn from the diversity found in Hawai‘i and at HPU.

The International Chorale, MUS 1710, is comprised of students, faculty, staff, and community members who love to sing. There are no auditions or prerequisites to join - just a passion for sharing music with others.

The International Vocal Ensemble (IVE), MUS 3710, is composed of singers who are recruited for their vocal talents and experience and is open to all HPU students via audition. Comprised of undergraduate and graduate students from all colleges and degree programs, the ensemble strives to serve HPU and our community through performances, tours, and outreach events. All IVE members also sing in the International Chorale.

Student Success Support Services

Office of International Students & Scholars

OFFICE OF INTERNATIONAL STUDENTS AND SCHOLARS

The Office of International Students and Scholars (OISS) 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.

OISS provides a variety of events, orientation sessions, immigration lawyer information sessions, and workshops for 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 (certain programs only). 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 and Scholars is located at 500 Ala Moana Blvd, Suite 5-A. Students are highly encouraged to call (808) 356-5299 to schedule an appointment. Hours of operation are Monday through Friday, 8:00 a.m. to 4:45 p.m. (HST), excluding observed University holidays and weekends. For more information, please visit our website at https://www.hpu.edu/oiss/ or email

us at iss@hpu.edu.

Student Success Support Services

Registrar's Office

REGISTRAR'S OFFICE

The Registrar's Office provides the HPU community with a comprehensive information and service center for registration, academic records, and other related functions. The friendly employees are available to assist students, faculty, and staff with the following:

- Providing general university information
- Answering questions related to registration policies and procedures
- Facilitating requests for record changes (e.g., student name, addresses, telephone, and emergency contact)
- Issuing letters to verify enrollment, degrees awarded, and student loan deferments
- Processing requests for official transcripts and/or course descriptions
- Processing degree evaluations and conferring degree(s), and issuing HPU diplomas
- Responding to inquiries about student records; maintaining student academic records
- Processing grades, grade changes, academic probation, suspension, and/or dismissal
- Coordinating student registration information and maintenance of academic records with various departments and offices
- Managing the security and confidentiality of student records in accordance with FERPA
- Issuing new and replacement ID cards

The Registrar's Office is located on the downtown campus at 500 Ala Moana Blvd, Suite 5A. 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 registrar@hpu.edu or (808) 544-0239.

Student Success Support Services

Student Activities

STUDENT ACTIVITIES

Office of Student Activities

The Office of Student Activities, under University Relations, enriches the HPU experience through programming which fosters leadership development, cultural immersion and engagement on local and global issues; thereby promoting and strengthening student connections to the university and greater community.

In partnership with HPU departments, Student Activities strives to:

- Offer a diversity of co-curricular and extra-curricular activities and programs that enhance the student experience and complement the academic experience (e.g. Welcome Week, Club Carnival, Da Shark Show, Halloween FunFest and leadership development workshops).
- Foster a sense of place by designing student experiences that connect students to Hawai'i, and extend their learning and relationships in the greater community.
- Support and advise Student Government Association (SGA), Campus Activities Board (CAB), and Registered Student Organizations (RSOs).

For more information, call (808) 544-0277; email studentlife@hpu.edu; or visit https://www.hpu.edu/student-activities/ and Instagram: @hpustudentactivities.

Campus Activities Board (CAB)

The Campus Activities Board (CAB) is a student-run organization that strives to enhance the HPU student experience through quality entertainment, creative programming and community involvement. In coordinating programs, events and activities funded by the Student Activity Fee, CAB seeks to:

- Work to unify the campus community by providing diverse activities.
- Promote student self-worth, dignity and confidence.
- Foster school spirit and comradery within the student body.
- Cultivate student leadership, civility, dedication, time management and responsibility.
- Contribute to the recruitment and retention efforts of the university.

Hours, Location and Contact Information

For more information about meetings, events, or getting involved, email cab@my.hpu.edu or https://www.hpu.edu/student-activities/cab.html; Instagram: @caphpu and Facebook: https://www.facebook.com/cabhpu/.

Student Government Association (SGA)

The Student Government Association (SGA) is the student governing body that represents all students. Every registered HPU student taking at least one credit is a constituent of SGA. The organization is comprised of the Executive Branch, Student Senate and Student Judicial Council. SGA encourages all students to attend weekly meetings of the Student Senate and to voice their comments and concerns to the student Senators and Executive members who represent them.

Hours, Location and Contact Information

For more information regarding SGA representatives and office hours as well as getting involved, email sga@my.hpu.edu or visit https://www.hpu.edu/student-activities/student-government/index.html; Instagram: @hpu_sga and Facebook: https://www.facebook.com/sgahpu/.

Student Success Support Services

Student Conduct

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 https://studenthandbook.hpu.edu and https://www.hpu.edu/student-life/files/student-handbook.pdf.

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 and procedures relating to students, may be found in the Student Handbook, which is published annually by the Office of the Dean of Students. Copies of the Student Handbook are available in various offices (e.g., Student Life at Aloha Tower Marketplace, Academic Advising, Hawai‘i Loa Academic Center) at the beginning

of the semester, and online at https://studenthandbook.hpu.edu and https://www.hpu.edu/student-life/files/student-handbook.pdf.

Student Success Support Services

Theatre at HPU

THEATRE AT HPU

Hawai i Pacific University produces one mainstage show every fall and spring semester at the Paul and Vi Loo Theatre. HPU students are highly encouraged to participate in these mainstage productions by auditioning for roles or by supporting the designers and technicians. Productions are directed by HPU theatre faculty who invite artists from the local community – including actors, designers, and technicians – to support the show. This gives students a wonderful opportunity to learn from professionals by working alongside them throughout the entire production process. HPU Theatre has earned numerous awards for acting, directing, ensemble performance, playwriting, and overall play production. Academic credit for participating in a mainstage production is offered as THEA 2000. Students should also consider taking additional courses in the THEA alpha to prepare for the mainstage productions.

Student Success Support Services

Title IX Office

Title IX Office

Hawai i Pacific University is committed to providing a safe learning, living, and working environment. Students, faculty, and staff are empowered to report incidents of sexual harassment, sexual assault, dating violence, domestic violence, stalking, and retaliation in order to facilitate support services, a remedy or action, and prevention of recurrence. Support services include assistance with interim measures, action options, referrals to counseling and medical providers, and advocacy. Students, faculty, and staff can use the blue report button to provide information about an incident, including reporting anonymously or contact the Title IX Coordinator at 808-544-0276. For more information, go to www.hpu.edu/titleix

Student Success Support Services

University Bookstore

UNIVERSITY BOOKSTORE

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 and/or for rent. The bookstore also stocks a wide variety of school spirit gifts and apparel, school and tech supplies, a carefully curated general reading selection, along with gift cards, diploma frames, and trending lines such as Burt's Bees and more.

The store is located at the Aloha Tower Marketplace, fronting Nimitz Highway. The textbooks for the Hawai'i Loa and military campuses are available at this store and online.

Textbooks and most products are available on our website at www.hpu.bncollege.com

Student Success Support Services

University Chaplain

University Chaplain

HPU's chaplain provides spiritual support to students as they navigate through their academic careers and connects them to resources such as on-island religious and faith communities. For more information go to https://www.hpu.edu/health-services/chaplain.html

Academic Policies and Definitions

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 or 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.

Academic Complaint Procedures

ACADEMIC COMPLAINT PROCEDURES

For all other academic complaints not covered in these pages, students should initiate the complaint through the appropriate academic department chair or academic program supervisor. More information can be found in the Student Complaint Procedures in the Student Handbook at https://www.hpu.edu/student-life/files/student-handbook.pdf.

Academic Grade Appeal Procedures for Students

ACADEMIC GRADE APPEAL PROCEDURES FOR STUDENTS

The assessment of a student’s academic performance and the assignment of a grade is the faculty member’s responsibility and prerogative. Evaluations are arrived at in accordance with the academic and professional judgement of the instructor and faculty make every effort to ensure that grades reflect the merit of each student’s performance.

It is assumed that the final course grade assigned is correct; thus, the student assumes the burden of proof in appealing a grade.

Only the final course grade may be appealed. Students may appeal a final course grade on the following grounds only:

1. A mathematical error in the calculation of the grade or a clerical error in the recording of the grade.
2. Arbitrary or capricious grading defined as assignment of a grade without any reasonable basis.
3. The assignment of a grade on a basis that is inconsistent with those assigned to other students in the same class.
4. The assignment of a grade which deviates significantly from expectations stated on the syllabus and where the instructor failed to notify students of the change.
5. Failure of the faculty member to follow published course policies.

The following are NOT grounds for appealing a grade:

1. Disagreements with published course policies (for example, grade weighting methods or attendance policies).
2. Disagreement with the professional judgement of the faculty member.
3. Differences in classroom policies or grading schemes in different courses or between different sections of the same course.
4. A grade’s impact on a student’s academic progress or record.

5. A grade's impact on athletic eligibility.
6. A grade's impact on eligibility for veteran's benefits.

Students who desire to appeal a final course grade must follow the process described below:

1. The university will not consider grade appeals initiated more than 45 days after the end of the semester in which the grade was awarded.
2. A student who believes they have been assigned an improper grade initiates first an informal appeal by sending a written request to the instructor. The instructor will meet with the student, review the grading procedures used to determine the grade assigned with the student, decide whether or not to grant the appeal, and inform the student in writing of his or her decision. If the instructor of record is not available, the department chair or designee may act in lieu of the instructor of record for the purpose of grade appeals.
3. If, after careful review of the grading procedures, the student is still dissatisfied, the student may initiate the formal grade appeal procedure within five days of the instructor's decision through the department chair. If the faculty member is the department chair, the formal appeal shall be made to the academic dean. Students must submit a letter and provide supporting documents to the department chair. Supporting documents must include:
    - A statement addressing how the appeal meets one or more of the criteria necessary for an appeal
    - a description of the efforts to resolve the grade dispute with the instructor of record
    - a copy of the course syllabus and any relevant assignment instructions
    - any other relevant documents that the student would like to be reviewed as part of the appeal process
4. The department chair will meet with the student and the faculty member, either individually or collectively, to review the grading procedures within five days of the receipt of the appeal.
5. The department chair will make a recommendation to the faculty member based on their assessment of the situation within three days.
6. If, after consideration of the department chair's recommendation, the faculty member does not change the grade and the student is still dissatisfied, they may notify the academic dean will be notified within three days.
7. The academic dean will be provided with all relevant materials and will try to mediate a resolution between the faculty member and student within five days.
8. If, after the academic dean has met with the student and faculty member and the student is still dissatisfied, the student may petition for a hearing board as referenced below. If the student wishes to appeal the academic dean's decision, they may request a hearing. A petition letter and all supporting documents must be filed with the Office of the Provost within 10 working days of receiving the academic dean's response.
9. If the Provost approves the petition, he or she will empanel an Academic Conduct Review Board. The Dean of Students or their designee serves as the non-voting Board facilitator and the Board will be comprised of an 57 academic dean chosen by the Provost, two faculty members and two representatives from the Student Government Association. The Provost or their designee reserves the right to alter the composition of the Board at his or her professional discretion, with the expectation that the committee will comprise both faculty and students. If the Provost elects not to approve the student petition, then the process is concluded and the academic dean's decision is upheld.
10. The members of the Academic Conduct Review Board will review all relevant documents and meet separately with both the student and the instructor. At their sole discretion, the Board may also call other individuals who are deemed to possess relevant information. All decisions made by the Board will be made by majority vote of all members.
11. The recommendation of the Academic Conduct Review Board will be final. The Provost will notify the student of the Board's decision within three working days.

If the student's complaint is based on discrimination, refer to "Discrimination or Harassment Complaints" under "Student Complaint Procedures" in the Student Handbook.

Academic Credits

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 50 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 16-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 37.5 contact hours ("seat time") per term, and students should complete a minimum of 75 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 112 work hours (37.5 of "seat time" and 75 of "out-of-class work"), to accomplish the learning outcomes, the online equivalent similarly necessitates 112 total work hours over the 16-week term by the student.

Per the regulations set by the US Department of Education, students enrolled in in-person programs may not exceed more than 49% of their course requirements for their degree in distance learning courses. Distance learning courses are those coded with the Online or Hybrid designation in the course schedule. Students taking distance learning courses throughout their in-person degree program should work closely with their advisors to ensure they do not exceed the 49% distance learning threshold.

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.

Internships:

Internships require a minimum of 40 hours of work experience per credit. Internships are typically offered at 1 credit (40 hours), 2 credits (80 hours), or 3 credits (120 hours) under supervised conditions. Individual programs may adhere to different credit hour definitions consistent with commonly accepted practices in higher education for those programs. Please consult individual programs for specific requirements and additional information.

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.

Student credits: 1 credit hour

Minimum class time: 37.5 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.

Student credits: 1-2 credit hours

Minimum class time: 37.5 hours/term (typically 3 hours/week)

Note: For 2-credit courses, total student effort is a minimum of 75 hours/term; of the 75 hours per term, in-class time typically accounts for 60 hours/term, with the remaining 15 hours in out-of-class work.

Terms Shorter Than Sixteen Weeks:

A course offered in a term of less than 16 weeks shall contain the same contact hours, preparation time, content, and requirements as the same course offered over a 16-week term.

Academic Policies and Definitions

Academic Integrity Policy

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 https://www.hpu.edu/student-life/files/student-handbook.pdf.

Academic Policies and Definitions

Academic Records

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 https://www.hpu.edu/registrar/transcripts-records/order-transcripts.html. 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. Students may review their academic records, including current course schedule, grades earned, and progress towards degree completion (otherwise known as DegreeWorks) using the MyHPU Portal Student Self-Service feature.

Academic Policies and Definitions

Academic Year

ACADEMIC YEAR

The academic year consists of fall, winter, spring, and summer terms. Fall term begins in late August, and consists of 16 weeks of classes, including a week for final examinations. Spring term begins in mid-January and consists of 16 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 includes one 16-week term and two 8-week sessions.

Academic Policies and Definitions

Availability of Courses

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.

Change in Registration (Add/Drop)

CHANGE IN REGISTRATION (ADD/DROP)

Courses may be changed only in accordance with the academic calendar for each term or session. Students receiving financial aid should consult with a financial aid counselor if the change will increase or decrease the number 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 their 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 a course used to meet the Written Communication and Information Literacy requirement or in the prerequisite courses WRI 1000 or WRI 1050 should register for the course again in the next term to avoid falling behind. Students should also be cautious about withdrawing from math and science courses that are required for progression in their degree programs.

Students who wish to change their schedules may do so via the web or in person.

Web changes

Most students can process course changes using the MyHPU portal in accordance with published deadlines. Students with registration holds will not be able to make changes until the holds are cleared through the appropriate office(s).

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 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 the College of Health and Society 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.

Changes in Academic Program Requirements

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 return to 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].

Academic Policies and Definitions

Class Schedules

CLASS SCHEDULES

During the regular 16-week fall and spring terms, most classes meet two or three times each week for periods of 75 and 50 minutes, respectively. Evening and Saturday classes run for two hours and 40 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 the MyHPU portal.

Academic Policies and Definitions

Class Standing (Undergraduate)

CLASS STANDING (UNDERGRADUATE)

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

CLASS STANDING	CREDIT HOURS COMPLETED
Freshman	00-29
Sophomore	30-59
Junior	60-89
Senior	90 or more

Academic Policies and Definitions

Classification System

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 as "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 5000–9999 are graduate-level courses. Enrollment in these courses is limited to graduate students. Undergraduate students may enroll in graduate courses by meeting certain criteria. Undergraduate students should consult an academic advisor to determine if they are eligible to register for graduate courses. Please refer to the Concurrent Registration section of this catalog for more details.

Confidentiality of Academic Records (FERPA)

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. Please note that Hawai'i Pacific University defines a person as a **student** effective the first day of the first term of enrollment or the first day that the person moves into Hawai'i Pacific University housing, whichever comes first. FERPA 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. A request form is available at the Registrar's Office or at https://www.hpu.edu/registrar/ferpa.html. 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:

Hawai'i Pacific University • Registrar's Office • 500 Ala Moana Blvd., Suite 5A • Honolulu, Hawai'i 96813 • Tel. (808) 544-0239 • Email: registrar@hpu.edu

Academic Policies and Definitions

Course Loads

COURSE LOADS

For undergraduate students, the minimum full-time load is 12 credit hours; the normal full-time load is 15-17; 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 18 credit hours. Students in good standing are encouraged to complete 30 credits per academic year in order to complete the requisite 120 credits within a four-year period. (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 13 credit hours in a fall or spring term.

All undergraduate students seeking to enroll for 18 credit hours must meet with an academic advisor to request permission. Students may incur additional tuition and fees for an overload.

Academic Policies and Definitions

Deferral of Enrollment Policy

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 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 a deferral request. Completion of all deferral procedures is the responsibility of the applicant.

Academic Policies and Definitions

General Petitions

GENERAL PETITIONS

The General Petition form is used when extenuating circumstances require that an exception be made to current academic and/or university 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 or university administrator.

Academic Policies and Definitions

Readmission Policy

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.

The university will require an applicant for readmission to provide supplementary information as is needed for proper consideration. Please contact the Office of Admissions 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. Students should present evidence of successful achievement at another college or university as part of the 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.

2. Pay the reapplication fee.
3. Submit all official transcript(s) if student has attended another college or university since leaving Hawai‘i Pacific University.
4. Submit a letter from a certified health care provider stating the status of the student's health if withdrawn for medical reasons.
5. A personal interview may be required as circumstances warrant.
6. 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.

Academic Policies and Definitions

Record of Student Information

RECORD OF STUDENT INFORMATION

Changes to a student’s contact information (addresses, phone numbers, email, emergency contact, etc.) may be updated online using the MyHPU portal. Students may also submit a completed and signed student information change form via email only from their @my.hpu.edu account. Requests to update a student’s name, social security number, or date of birth must include supporting documentation (e.g., copy of marriage license, divorce decree, social security card, birth certificate, etc.).

Academic Policies and Definitions

Refund Policy

REFUND POLICY

Refund policies are noted on the HPU Business Office website (https://www.hpu.edu/business-office/policies-deadlines.html) and are subject to change. Registration policies and payment deadlines for all parts of term are available on the academic calendar website (https://www.hpu.edu/registrar/academic-calendar.html).

During the 16-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 https://www.hpu.edu/business-office/refunds.html for specific information.

Academic Policies and Definitions

Withdrawal & Leave of Absence Policy

WITHDRAWAL AND LEAVE OF ABSENCE 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. A withdrawal is intended for students who wish to exit the University entirely with no intention to return. A leave of absence is intended for students who may need to temporarily exit the University for a short period of time with the intention of returning in a future semester.

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 this failure 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 the Office of International Students and Scholars 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 a withdrawal or leave of absence application. Completion of all proper paperwork is the responsibility of the student.

Date of Determination

The official date of withdrawal from the University shall be defined as either: 1) the date that the student informs the University of the intention to withdraw (i.e., the date that the Withdrawal Form is submitted to the Registrar's Office); or, 2) the date that a student uses self-service to drop the final course of record from a term - **whichever comes first**.

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.

Grading and Course Policies

GRADING AND GRADE POINT AVERAGE (GPA)

Instructors determine students' scholastic standing in their courses based on assignments, tests, examinations, class attendance, participation, and 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 *Does not affect GPA but will permanently appear on the transcript*	
P	PASSING *Does not affect GPA*	
CR/NC	CREDIT or NO CREDIT *Does not affect GPA*	
I	INCOMPLETE *Does not affect GPA/Not a permanent notation (see course incomplete policy)*	
NG	NO GRADE *Does not affect GPA/Not a permanent notation (see policy below)*	
AU	AUDIT *Does not affect GPA; will not earn credit or grade for course*	

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.

NO GRADE (NG) NOTATION

The No Grade (NG) notation is reserved for specific occasions when a final grade is not received from the instructor of a course by the grade deadline at the end of a term. This is not a permanent notation. An NG notation will convert to an F grade if it is not resolved within three weeks of the end of term.

Grading and Course Policies

Academic Grade Appeal Procedures

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 https://www.hpu.edu/student-life/files/student-handbook.pdf.

Grading and Course Policies

Academic Probation, Suspension, Dismissal

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
24-60	1.8
Over 60	2.0

After attempting 12 or more credits, a first-year student who does not meet the minimum GPA requirement of 1.8 will receive an Academic Probation warning and will be limited to 13 credits maximum for the following term.

After attempting at least 24 credits, students who have a cumulative GPA under the required minimum to maintain good academic standing (see chart above) will be placed on Academic Probation and limited to a maximum of 13 credits during the probation period.

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.

Academic standing is calculated at the end of each fall and spring term. Probation checks and academic standing adjustments may also occur at the end of the summer term, particularly if a student's academic performance puts them below the grade standards listed above.

Once the probation, suspension, and dismissal lists are verified and finalized for the term, the notation is final. Subsequent grade changes will not be considered.

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 13 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. In certain circumstances, a student may be subject to academic suspension review at the end of the Fall or Summer terms.

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

Should a student wish to appeal an academic suspension decision and return to the University within one calendar year of being placed on academic suspension, the student must file a Suspension Appeal. Suspension Appeals are a formalized process initiated by the student and submitted to the provost 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.

At the Graduate level, an academic dismissal may be a complete dismissal from the University entirely; or, it may be a Program Dismissal. A Program Dismissal is a dismissal from a specific academic program/field of study and means that the student will no longer be permitted to continue in that field of study. A student who is dismissed from a Graduate program may re-apply to the University to pursue a different program and is subject to the admissions criteria for that new program.

Grading and Course Policies

Auditing Courses

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.

Grading and Course Policies

Course Incomplete Policy

COURSE INCOMPLETE POLICY

The assignment of an Incomplete (I) grade is reserved for cases of illness, unforeseen circumstances, military assignments, or other verified emergencies that prevent a student from completing a course by the due date. An Incomplete grade may only be issued if the student has completed a substantial portion (more than 50%) of the course work and the work to date has been of passing quality. If warranted, the student should initiate an Incomplete Grade Contract with the instructor, providing appropriate documentation to support the request. If granted, the Incomplete grade will allow a student a maximum period of 12 weeks (for a semester-long class) or six weeks (for an eight-week or shorter class) to complete the appropriate course work. The Incomplete Grade Contract must be signed by the student, faculty member, and the Dean of the College. This Grade Contract shall include detailed information regarding what work must be completed, a final deadline for completion of said work (not to exceed the relevant twelve- or six-week period), and the grade to be issued if the work is not completed by the deadline. Incomplete Grade Contracts are due by the final grade deadline and must be submitted to the Registrar's Office for processing. A student may not graduate with an outstanding Incomplete grade. Faculty members will submit a Change of Grade Form to the Registrar's Office once the student has met the terms of the Incomplete Grade Contract. If the Incomplete Grade Contract terms are not met, the student will be issued the grade indicated on the Contract.

Grading and Course Policies

Course Repeat Policy

COURSE REPEAT POLICY

Undergraduate students who earn a grade below a C may be eligible to repeat coursework for "grade forgiveness," which is defined as repeating a course for the purpose of excluding the initial grade attempt from the computation of the overall GPA. A maximum of 12 semester credits of coursework taken at or through HPU are eligible for the grade forgiveness policy. Once the grade forgiveness credits have been exhausted, an additional 12 semester credits of coursework may be repeated for grade averaging, i.e., both the original grade and the grade earned on repeat will be calculated into the student's cumulative GPA.

Note: both grades (the original attempt and the repeat attempt) will appear on the final HPU transcript with a notation indicating which courses were repeated. Honors at graduation are based upon the Honors Point Average (HPA) which is calculated using all credits earned at HPU, including the original attempt grade and the repeat attempt grade.

Before repeating a course, 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. In addition, the following rules apply:

1. Students cannot improve grades of courses taken at or through HPU by repeating them at another institution. For example, if a student did not successfully pass a course at HPU, they may take the course requirement at another institution for the purpose of meeting the requirement and earning the credit; however, the original HPU grade will appear on the transcript and will be included in the student's GPA. The Grade Repeat Policy will not apply to the original HPU course.
2. Undergraduate students may retake an individual course for the purpose of improving the grade no more than two times. On the third enrollment in a course, students must first obtain the approval of the dean.
3. Registration in repeated courses may be limited to certain registration periods.
4. When a course is repeated, all applicable tuition and required fees apply.
5. Subsequent enrollment must be on the same basis of grading as the first (e.g., letter grade or pass/fail).
6. This policy does not pertain to repeats in courses that the catalog designates as being repeatable for credit.
7. 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.
8. 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.

Graduate students who receive a grade lower than B may repeat that course only once. 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 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.

Once a 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 the credits of the degree already earned.

Grading and Course Policies

Credit/No Credit Courses

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 at HPU on a CR/NC basis may be applied to the unrestricted elective portion of a student's baccalaureate degree. Thirty credit hours taken on a CR/NC basis through an approved HPU study abroad program, may be applied to the unrestricted elective portion of a student's baccalaureate degree.

Grading and Course Policies

Dean's List

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. This honor becomes a permanent part of the student's academic record and is printed on the transcript. Once the Dean's List is verified and finalized for the term, the notation is final. Subsequent grade changes will not be considered.

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.

Grading and Course Policies

Directed Study Courses

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.

Grading and Course Policies

Honors at Graduation

HONORS AT GRADUATION

Honors are based upon the Honors Point Average (HPA). The HPA is based only on credits earned within the university, including repeated courses. Grades for coursework transferred from other institutions of higher learning are not included in the HPA.

The commencement program is printed prior to final grades being posted to the students' records. Honors will be listed in the commencement program based upon the HPA earned as of the most recently completed term (for example, honors listed in the Fall commencement program will be based on the HPA earned at the end of the preceding Summer Term). 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 at HPU. 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:

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

Grading and Course Policies

Pass/Fail Courses

PASS/FAIL COURSES

Certain courses (such as internships) are graded 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.

Undergraduate Degree Requirements

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 a minimum of 36 upper-division credits (level 3000 and above);
3. Completion of the General Education requirements, as well as the specific requirements prescribed for each degree program and major area of study;
4. 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 (the Bachelor of Science in Nursing requires a 2.75 cumulative GPA and nursing GPA);
5. 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;
6. 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 ar@hpu.edu or (808) 356-5272 to make arrangements to clear the hold.

Major Course of Study

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 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).

At the baccalaureate level, HPU awards four types of degrees: Bachelor of Arts, Bachelor of Science, Bachelor of Social Work, and Bachelor of Science in Nursing. Students who pursue a double major will be required to select a primary major and a secondary major. The primary major will dictate the bachelor’s degree type that will be listed on the diploma and the transcript. For example, a student who elects to double major in Biology and English will select the option to earn a Bachelor of Science degree in Biology with a second major in English OR a Bachelor of Arts degree in English with a second major in Biology.

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

Minor Course of Study

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 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 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.

Undergraduate Degree Requirements

Modern Language Requirements

Modern Language Requirements

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

Students are to consult the program descriptions for specific modern language requirement by program.

Exemption from the Modern Language Requirements:

Non-native English-speaking Students

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

Native English-speaking Students

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

Undergraduate Degree Requirements

Petition to Graduate

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. The completed form should be submitted to the student’s academic advisor for approval by the deadline published on the form and posted on the Registrar’s Office website. 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.

Undergraduate Degree Requirements

Residency Requirements

RESIDENCY REQUIREMENTS

Candidates for first baccalaureate degrees must complete at least 12 credit hours of major course work and 30 semester credit hours from Hawai'i Pacific University. In addition, at least 24 of the 30 semester credits immediately preceding graduation must be completed through HPU*. [Exception: Eligible DOD-MOU 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 24 credit hours in residence.]

Students seeking associate degrees must complete at least 15 credit hours of coursework in residence at HPU, with at least six of those hours in the area of degree concentration.

All approved study abroad courses, consortia courses, and HPU online courses are considered in residence.

* Note: All maximum transfer credit restrictions apply (see Maximum Transfer Credit Policy).

Second Bachelor's Degree

SECOND BACHELOR'S DEGREE

An individual already holding a baccalaureate degree from Hawai'i Pacific University or from another accredited college or university may pursue a second bachelor's degree if the following criteria are met:

- The second degree must have a different degree designation than the previously earned degree. For example, a student who has earned a Bachelor of Arts degree may not earn a second Bachelor of Arts degree but may pursue a Bachelor of Science, BSN, or BSW.
- Students must complete a minimum of 60 unique semester hours of coursework through Hawai'i Pacific University related to the second degree.
- Students must meet all major, concentration, minor and other degree-specific requirements of the second degree.
- Students must earn a Hawai'i Pacific University overall GPA of at least a 2.0 and a minimum of a 2.0 GPA within the major. Note: Some majors may have higher GPA requirements, for example, the Bachelor of Science in Nursing requires a 2.75 cumulative GPA.

In most instances, it is recommended that students consider completing an advanced degree rather than pursuing a second baccalaureate degree. Students interested in a second bachelor's degree should consult with their Academic Advisor and Financial Aid Advisor. Students pursuing a second degree may not be eligible for financial aid.

NOTE for students who have already earned an Associate's Degree or a Bachelor's Degree who wish to return for a second Associates degree:

- Students may complete an Associate of Science degree provided that the subject area is significantly different from the first Associate's degree or Bachelor's degree already earned. A maximum of 45 credits may be applied via transfer credit to any Associate's degree.
- Students who have already earned an Associate degree or Bachelors degree are not eligible to earn an Associate of Arts in General Studies.

Use of Courses to Meet University Graduation Requirements

USE OF COURSES TO MEET UNIVERSITY GRADUATION REQUIREMENTS

Course credits 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 major requirement.
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.

Transfer of Credit Policies

UNDERGRADUATE TRANSFER CREDIT POLICY

Hawai‘i Pacific University 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 HPU and have been completed with a grade of C- or better. An official evaluation of transfer credits will be completed only after a student has been admitted to HPU. Grades and grade point averages earned at other institutions are not factored into the HPU GPA and will not be listed on the HPU transcript.

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 HPU. Grades and grade points from other institutions are not listed on the HPU transcript.

Students cannot improve grades of courses taken at or through HPU by repeating them at another institution. For example, if a student did not successfully pass a course at HPU, they may take the course requirement at another institution for the purpose of meeting the requirement and earning the credit; however, the original HPU grade will appear on the transcript and will be included in the student’s GPA. The Grade Repeat Policy will not apply to the original HPU course.

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 should make every effort to reconcile all transfer credits during their first term of enrollment at HPU

Maximum Transfer Credit

The maximum amount of total undergraduate 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 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 (including CLEP and DANTES)
- 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

HPU 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 HPU, 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 will be considered for credit on the basis of recommendations of the American Council on Education (ACE). All students using VA education benefits or tuition assistance are required to provide transcripts of previous education and training. The student must submit their 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 (CCAF) transcript. The student's DD-214 or DD-295 form should be submitted along with the official transcript. HPU must evaluate the transcripts and provide the student with an assessment of the evaluation, which will decrease the time and cost of the program if credit is granted. The students prior education records will be kept with the students' academic record.

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 an HPU 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

Students who transfer to an HPU Baccalaureate program may satisfy all General Education (GE) areas (except for Hawai'i and the Pacific) by completing one of the following prior to matriculation:

- The full California State GE Breadth certification (CSU Cert) or University of California Intersegmental General Education Transfer Curriculum (UC/IGETC) certification
- An Associate of Arts degree with embedded CSU Cert or UC/IGETC certification
- Equivalent GE transfer degree or certification from an out-of-state community college
- A baccalaureate degree from an accredited college or university.

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

For students transferring to an HPU Associate degree program or returning to complete a second Associates degree:

- General Education requirements may be waived for Associate of Science degrees (except for Hawai'i and the Pacific) based on the criteria listed above.
- General Education requirements will not be waived for Associate of Arts degrees.

INTERNATIONAL TRANSFER CREDIT

HPU 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 completed by an accredited translation service.

Transfer of Credit Policies

Credit by Examination

CREDIT BY EXAMINATION

HPU 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 HPU 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 and DANTES Subject Standardized Test (DSST)

The College Level Examination Program (CLEP) 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.

HPU credit is awarded to students whose score meets the established minimum for approved CLEP and DANTES Subject Standardized Test (DSST) 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.

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 HPU 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 HPU 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.

Center for Academic Success (CAS)

The Center for Academic Success (CAS) offers services to help students at all levels to be more successful at HPU. We offer support for good students to become great students, as well as to assist those who may be struggling academically. We offer tutoring designed to meet each student's individual needs given in one-on-one sessions (one tutor to one student) free of charge. In some cases, tutor-to-small-group sessions are provided. We also offer Academic and Success coaching to help students with time management, study skills, accountability and more. Coaches are also fellow students who are trained to help their peers in these areas. Meeting with a coach regularly can help students stay on track with their studies. Tutors and coaches aid individuals in the mastery of basic skills, development of learning skills and refinement of analytical skills. Students are encouraged to use our services early and often in order to maximize their success.

Services Provided

- One-on-one tutoring sessions (face-to-face or remote) are offered by appointment for writing assistance, language conversation, and more. Same-day appointments or walk-ins depend on tutor availability).
- CAS offers a variety of subjects (accounting and business, computer science, economics, English, management, marketing, math, modern languages, nursing, science, writing, and more). Sessions are typically 30 minutes in length.
- Academic and Success coaching sessions are also offered free of charge to help students with executive functioning and important skills to be successful in a university environment.
- CAS is equipped with a small computer lab downtown for tutoring subjects that require use of computers.
- Saturday and evening tutoring hours are also available in the Aloha Tower Marketplace (ATM) Learning Commons during spring and fall semesters.
- Online tutoring services provided by “Smarthinking” are available to all currently registered HPU students in a variety of subjects. Log into the MyHPU Portal. Go to STUDENT SERVICES – MORE... to access the link. Online tutoring services are available 24 hours a day, seven days a week.
- The downtown CAS is also the site for administration of many HPU placement tests, DSST and College Level Examination Program (CLEP), as well as other tests.
- Placement tests are available for English Writing, Mathematics, and all modern languages taught at HPU.Please contact your academic advisor to confirm if placement testing is needed.
- Accessibility services are available to those with documented disabilities, whether temporary or permanent. For more information, please see the handbook section “Accessibility Service: ADA Accommodations”.

Location and Contact Information

On the downtown campus, CAS is located at Waterfront Plaza, 500 Ala Moana Blvd, Building 6, Ste. 440; (808) 544-9334. Tutor schedules are online at www.hpu.edu/tutoring. Schedules are updated daily and last-minute changes are viewable on our website. We always recommend double-checking the schedule before coming in for tutoring. More information about testing services is available at www.hpu.edu/testing.

Academic Advising

Academic Advisors help students set and achieve their academic and personal goals. These goals are realized through our hybrid advising model, which enables students to develop a collaborative working relationship with a professional advisor within their first two years and then transition to working with a faculty advisor within their last two years until graduation. Through mentorship, students are able to define and implement sound educational plans that are consistent with their personal values, goals, and career aspirations.

- Academic Advisors (professional advisors and faculty advisors) assist students with the following:
- Making a smooth transition from high school, other institutions, or professional experiences
- Declaring or changing a major, minor, and/or concentration

- Creating an academic plan and tracking progress toward graduation
- Selecting appropriate courses for registration
- Making satisfactory academic progress
- Understanding degree requirements as well as 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 Academic Advising Services located on the downtown campus [phone: (808) 544-1198; email: **advising@hpu.edu**; office: Waterfront Plaza, Building 6, 4th floor]. Incoming freshmen and transfer students are assigned a professional advisor based on their intended major or academic pathway. Students who have not selected a major will work with an advisor who will guide them through selecting an appropriate degree program. Freshmen and sophomore students will work primarily with professional advisors. Juniors and seniors will work primarily with faculty advisors. Transfer students who are juniors or seniors will start with a professional advisor and then transition to a faculty advisor when appropriate.

We recommend connecting with an academic advisor as soon as possible, and maintaining regular contact each semester in order to stay on track for graduation. In the main advising office, drop-in services are available on a first-come, first-served basis on selected days, students are encouraged to call or go online at hpu.edu/academic-advising for an appointment. Faculty advisors generally set their own hours and meet in their offices, so students should reach out to them directly as needed.

Center for Academic Success (CAS)

Accessibility Services

Under the administration of the Center for Academic Success (CAS), Accessibility Services specializes in helping students and faculty determine and provide appropriate and reasonable academic accommodations for students with documented physical and/or mental disabilities in order to support their overall academic experience. Conditions covered by the Americans with Disabilities Act (ADA) may include cognitive impairments, learning challenges, mobility restrictions, psychiatric, physical disabilities, or chronic/recurring health disorders.

Accessibility Services is committed to assisting students with permanent and temporary disabilities to gain equal access to academic programs, experiences, and facilities at HPU through academic support services, technology, and advocacy. Students are strongly encouraged to contact the office as far in advance as possible to ensure better access to available resources. The office is located on the downtown campus, Waterfront Plaza, Building 6, 4th floor. Students may also contact the office via phone at 808-544-1197 or by email at access@hpu.edu. More information is available at www.hpu.edu/access.

Americans with Disabilities Act (ADA) Syllabus Statement

Under the Rehabilitation Act of 1973 (Section 504), the Americans with Disabilities Act Amendments Act 2008 (ADAAA), and Title III (Public Accommodations), Hawai'i Pacific University does not discriminate against individuals with disabilities. Any student who feels he or she may need an accommodation based on the impact of a disability is invited to contact Accessibility Services at HPU at 808-544-1197, access@hpu.edu, www.hpu.edu/access, or at the Waterfront Plaza, Building 6, 4th floor. This is a necessary step to ensure reasonable accommodations in a course. Students are not expected to disclose their specific disability to the professor; Accessibility Services will provide a letter for an instructor explaining the accommodations and not the nature of the disability. If a student would like to discuss other concerns such as a possible medical emergency or assistance needed for an emergency evacuation, make an appointment to talk with the professor as soon as possible.

Center for Academic Success (CAS)

Testing Services

The Center for Academic Success (CAS) houses a small, full-service testing facility on the downtown campus in Waterfront Plaza, Building 6, 4th floor to support the educational endeavors of both HPU students and the larger community. Placement exams for mathematics, modern languages and writing courses are offered free of charge for HPU students. Writing and math placement exams can also be taken off-island via remote testing options.

Other exams including credit-by-exam programs (see also the section "Undergraduate Transfer Credit policy"), pre-professional testing, and non-HPU related proctoring typically require additional costs including administrative fees. Below is a summary of our main testing services offered:

- Credit-by-exam programs
  - College Level Exam Program (CLEP)
  - DANTES Subject Standardized Testing (DSST)
- Placement testing
  - Mathematics
  - Modern languages (Chinese, French, Japanese, and Spanish)
  - Writing composition
- Proctoring services
- Test of Essential Academic Skills (TEAS)— Pre-nursing

Also offered are quiz and exam proctoring for students registered with Accessibility Services who qualify for test-taking under prescribed, specialized conditions. Contact Testing Services by email at assessment@hpu.edu. More information is available at www.hpu.edu/testing.

Center for Academic Success (CAS)

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 4th floor of Building 6 in Waterfront Plaza. Similar services, including tutoring support for math, sciences, and writing/research paper review, are provided in the Education Technology Center (ETC) on the Hawai'i 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 or small group 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. For more information please email tutoring@hpu.edu or visit the website www.hpu.edu/tutoring

Concurrent Registration

An undergraduate student who is currently pursuing a baccalaureate degree at Hawai‘i Pacific University may be granted approval to take one or more graduate courses while still an undergraduate. These courses may be used toward a graduate program with certain restrictions (see below). The student must meet the following conditions to be considered for this Concurrent Registration opportunity:

1. Have **90 earned credits** towards the declared baccalaureate degree (including current term and transfer credits).
2. Have a cumulative HPU GPA of at least 3.00 on a minimum of 15 earned HPU credits.
3. Individual programs may have additional requirements, please see academic advisor for details.
4. Complete and submit a Concurrent Registration Form to obtain approval from both the undergraduate academic advisor and graduate program chair. The CRF must be submitted and approved prior to course registration.

For clarification of this process, please see your undergraduate academic advisor.

RESTRICTIONS

1. The student must begin a graduate degree or certificate program at Hawai‘i Pacific University within one year of completing the undergraduate degree in order for credits to apply toward a graduate degree. Graduate-level credits will not be applied to graduate transcript until the student is accepted, admitted, and enrolled in the graduate degree or graduate certificate program.
2. A maximum of 12 graduate credits taken as an undergraduate may apply toward the student’s baccalaureate degree AND a master’s degree at HPU.
3. A maximum of 8 graduate credits taken as an undergraduate may apply toward a graduate certificate.

For more information, students should consult with their academic advisor.

Information Technology Services

The Information Technology Services (ITS) Division provides response 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 software and hardware-related requests, 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 online at hpu.edu/its, by email at 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 (Hawai‘i Loa Campus)

The Education Technology Center (ETC) in the Academic Center on the Hawai‘i Loa Campus provides similar services as the Aloha Tower Learning Center, with virtual cloud desktop (VDI) access, printing, copying, and scanning services. The ETC also has a hands-on testing computer classroom available to faculty and staff by reservation.

Internet Access

All students and faculty of Hawai‘i Pacific University have access to the internet, online resources, academic software and documents through various cloud workstations located in the University libraries, the Education Technology Center (ETC) and Student Centers at the Hawai‘i Loa campus, the Veteran’s Center, and the 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 required, it is highly recommended that all students own their own personal computer and peripherals in order to accomplish their academic work. Basic recommendations are located by searching on “Computer Recommendations” from https://help.hpu.edu.

Wireless Connectivity

The HPU wireless network is available throughout all buildings and classrooms on the downtown campus, the Academic Center and residence halls at the Hawai‘i Loa campus, as well as most facilities, including Aloha Tower Marketplace, 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 Horizon client.

During major academic sessions, the Learning Commons and ETC both provide on-site assistance to students, faculty, and staff with configuring their computers for wireless use. The Service Desk is also available by phone to assist with wireless setup of mobile devices, and there is an FAQ online to guide with wireless connectivity setup as well.

Library Information

Hawai‘i Pacific University Libraries serve the HPU community at three locations: 1) Waterfront Library on the downtown campus, 2) Atherton Library at Hawai‘i Loa, and 3) the Learning Commons at Aloha Tower Marketplace (operated in conjunction with Information Technology Services). Additionally, library services and resources are available via the library’s website. The HPU Libraries are committed to meeting the diverse needs of our students, faculty and staff through classroom visits, research support, and curriculum-supporting collections.

Mission

The Hawai‘i Pacific University Libraries and Learning Commons support the scholarly endeavors of the HPU community with dynamic 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 HPU.

The Collections

The HPU Libraries’ collections consist of databases, electronic books, print books, periodicals (magazines, journals, and newspapers), and media. Print materials are housed in the Waterfront and Atherton libraries. Emphasis is given to acquiring titles that are academically oriented and relevant to courses offered by the University. Books, eBooks, journals, articles, streaming video, and more are available through the HPU Libraries’ discovery service (hpu.on.worldcat.org/discovery). Online databases are available via the HPU Libraries’ website (hpu.edu/libraries) and the Libraries links in Blackboard.

Reference and Instruction Services

Reference and instruction services are offered in each library to provide students and faculty with professional research assistance. Both locations offer library instruction sessions to individuals and classes, along with student group orientations. For off-campus access to research help, a 24/7 chat service is accessible via the library’s homepage. The chat service can also be accessed through course menus in Blackboard.

Access Services

General library services are offered at each branch, including item check-outs and check-ins, book delivery services, course reserved books and media from instructors, and interlibrary loan services. By request, books can be transported between the Waterfront and Atherton branches.

Library Hours

Hours vary by location and may be found on our website at: hpu.edu/libraries/about/libraryhours.html. 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.

Archives and Closed Collections

A specially designated room contains our university archives and various volumes of books that, because of their uniqueness and presentation of information, require special consideration and handling. Access to the materials in this room is by appointment only

Library Locations

Waterfront Library

Waterfront Library is located in suites 5-360 and 6-300 at the Waterfront Plaza, 500 Ala Moana Boulevard, in downtown Honolulu. Study rooms, collaborative spaces, comfortable seating, and quiet study areas are provided in the library. Computer workstations, printers, photo copiers, media equipment, and Wi-Fi are available.

Atherton Library

Atherton Library is located on the third floor of the Cooke Academic Center on the Hawai‘i Loa campus. It is named to commemorate Frank and Eleanore Atherton and was funded as a gift of the Atherton Family Foundation. There are individual study carrels, individual study rooms, and general seating areas in the library. Computer workstations, printers, photocopiers, and wireless internet are available.

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 isfurther divided into circulating and reference materials.

Library Information

Learning Commons

Learning Commons

The Learning Commons is located on the ground floor of the Aloha Tower Marketplace. It provides students and faculty with a modern space to collaborate, exchange ideas, socialize, and learn as a group.

Students have access to both PC and Mac computers, along with a printer. PC laptops are available for checkout by students. Wi-Fi is available throughout the facility. The four collaborative meeting rooms have 60 inch 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.

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:

- Hickam AFB
  - 900 Hanger Ave, Bldg. 2060, Hangar 2, Room #208, Joint Base Pearl Harbor-Hickam, HI 96853
- Pearl Harbor NS
  - 1260 Pierce St Bldg. #679, Room #236, Joint Base Pearl Harbor-Hickam, HI 96860
- Marine Corps Base Hawai‘i—Camp Smith
  - Camp Smith Education Center MCBH, BLDG 1-B Room 301, Camp Smith, HI 96861
- Marine Corps Base Hawai‘i—Kāne‘ohe Bay
  - 1196 5th St, Kailua, HI 96734
- Schofield Barracks
  - 1565 Kolekole Ave, Wahiawa, HI 96786
- Tripler Army Medical Center
  - 102 Jarrett White Road, Bldg. 102, Rm 106, Honolulu, HI 96819
- Coast Guard Station—Sand Island
  - 400 Sand Island Parkway, Honolulu, HI 96819

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-and-veterans/military-campus/base-access.html

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-and-veterans/military-campus/index.html 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–Kāne‘ohe Bay. Testing schedules vary by base. For additional information, email mcptesting@hpu.edu.

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. Application for admission can be completed online at www.hpu.edu/apply.

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 18 credits without declaring a degree program.

Degree-seeking students with no prior college transfer credits must submit official high school transcripts or GED. Prospective students with at least 24 credit hours of transferrable 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 application as a special status student. If a special status student decides to pursue a degree, the student will need to complete a degree-seeking application. (Applicants to HPU's graduate programs should refer to the graduate admissions section.)

Off-Campus/Military Campus Programs

Course Information

Course Registration

A schedule of courses is available online at www.hpu.edu/military-and-veterans/military-campus/course-schedules.html.

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 MyHPU student portal account. Active duty Army students, Army Reservists, and Army National Guard members using Army tuition assistance benefits must also register for their courses through the Army's ArmyIgnitED web portal. Off-island students may register online through their MyHPU student portal. Off-island students may also request a downloadable version of the registration form by contacting their respective Military Campus Programs/Base Office.

Veterans' Benefits

See Military/Veterans section in the Student Success Support Services section of this catalog for detailed information

Online Courses

Off-Campus/Military Campus Programs (OCP/MCP) 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, select bachelor degrees, and select master's degrees. Online courses apply toward meeting residency requirements.

Off-Campus/Military Campus Programs

Department of Defense-Memorandum of Agreement (DOD-MOU)

Hawai'i Pacific University is a Department of Defense-Memorandum of Agreement (DODMOU) educational institution which meets the educational needs of service members and their families. DOD-MOU 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's degree requirements.

DOD-MOU 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. As a DOD-MOU institution, HPU adheres to the Servicemembers Opportunity Colleges (SOC) Principles and Criteria regarding the transferability of credit, the awarding of credit for military training and experience, and residency requirements. Please refer to the SOC Principles and Criteria webpage for more information: supportsystem.livehelpnow.net/resources/23351/soc-principles-and-criteria.pdf

Students must complete all university academic and residency requirements to be eligible for graduation. For DOD-MOU eligible students, the university currently has established no time limits for completion of degree programs.

HPU/DOD-MOU Residency Requirements

Eligible DOD-MOU students must complete 30 credit hours with HPU, including 12 credit hours of major coursework in baccalaureate programs (15 credit hours with HPU and six in the major for associate degree programs). There are no "final semester" residency requirements for 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.

Off-Campus/Military Campus Programs

Degree Programs

Associate Degree Programs

- *Associate of Arts*
  - General Studies
- *Associate of Science*
  - Criminal Justice
  - Cybersecurity
  - General Business
  - Health Professions
  - Homeland Security
  - Supervisory Leadership

Baccalaureate Degree Programs

- *Bachelor of Social Work*
- *Bachelor of Arts*
  - Elementary Education
  - History
  - Human Resource Development
  - Individualized Major
  - International Studies
  - Psychology
  - Public Administration
- *Bachelor of Science*

- Business Administration
- Computer Science
- Criminal Justice
- Cybersecurity
- Diplomacy and Military Studies
- Individualized Major

Graduate Degree Programs

- *Master of Business Administration*
- *Master of Public Administration*
- *Master of Science in Criminal Justice*
- *Master of Social Work*

Refer to the Off-Campus/Military Campus Programs website at www.hpu.edu/military-and-veterans/military-campus/programs-of-study.html for the most current list of degree programs.

Residential Honors Program

Mission

Hawai‘i Pacific University 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 during their first 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.

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. Linda Lierheimer, Ph.D., Director of Honors Programs, at honors@hpu.edu and visit www.hpu.edu/academics/programs-and-resources/res-honors.html.

Residential Honors Program

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. (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. (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)

Study Abroad and 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 80 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 www.hpu.edu/study-abroad or contact the Office of International Exchange and Study Abroad Programs at studyabroad@hpu.edu.

Exchange Partner Universities

HPU students can study at one of our Exchange Partner Universities overseas. 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. 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 Study Abroad webpage.

Affiliated Programs

HPU students can study abroad through a number of our approved affiliated programs. These students will pay the affiliated organization directly for their comprehensive program fee including tuition. Students will receive HPU credit for the courses taken but will not be charged for HPU tuition. While studying through these programs, students are registered for the courses below as non-billable HPU placeholder courses so they can receive their federal aid and their credit taken abroad can be applied to their degree requirements upon successful completion of their 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. Descriptions of affiliated program options are on the HPU Study Abroad webpage.

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 21st 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 WASC Senior College and University Commission (WSCUC) core competencies: critical thinking, information literacy, oral communication, quantitative reasoning, and written communication.

Graduation requirements for all students:

- Critical Thinking and Expression:
- Quantitative Analysis and Symbolic Reasoning
- Written Communication and Information Literacy I
- Written Communication and Information Literacy II
- Upper-division Writing Intensive course (typically tied to major)
- Upper-division Values course (Ethical Reasoning or Civic Engagement course (typically tied to major)

Core curriculum area requirements:

- The American Experience
- Creative Arts
- Global Crossroads and Diversity
- Hawai‘i and the Pacific
- The Natural World
- The Sustainable World
- Technology and Innovation
- Traditions and Movements that Shape the World
- University 1000, First Year Seminar

Lower division general education requirements are waived for any student with:

- California State GE Breadth Certification, or
- The University of California Intersegmental General Education Transfer Curriculum Certification, or
- An Associate of Arts Degree, or
- A Baccalaureate degree from an accredited college or university

General Education

Introductory Courses

Students who need additional support prior to beginning General Education courses or courses in their major may need to take up to 11 credits of introductory coursework. Introductory course requirements may include: MATH 1105/1106: Intermediate Algebra with Laboratory and WRI 1050: Introduction to Academic Writing. Introductory courses will be recommended based on placement testing and after consultation with an academic advisor.

General Education

General Education Program Objectives

The General Education Curriculum features three program objectives that are aligned with fourteen 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 synthesize information, explain issues, analyze concepts and evidence, assess assumptions, define their own perspectives and positions, and evaluate the implications and consequences of their conclusions.
- ***Oral Communication*—**Students speak clearly and effectively for a variety of audiences and purposes.
- ***Written Communication*—**Students write clearly and effectively for a variety of audiences and purposes.
- ***Information Literacy*—**Students locate, interpret, determine the credibility of, and use information effectively, ethically, and legally.
- ***Quantitative Reasoning*—**Students use quantitative reasoning to analyze problems and identify solutions.
- ***Technology and Innovation*—**Students apply an understanding of technology to solve problems; explore innovative practices for acquiring, analyzing, and sharing information; and understand the impact of technology on society.
- ***Aesthetic Appreciation*—**Students engage in creative practices to interpret and express ideas through various art forms.
- ***Teamwork*—**Students work effectively in teams.

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 apply concepts from the natural sciences to describe, analyze, or explain natural phenomena.
- ***Historical and Conceptual Perspectives*—**Students investigate and apply concepts from history or the humanities to describe and analyze phenomena over time.
- ***Sustainability*—**Students identify how ecological, social, and economic systems work together to promote sustainable futures.
- ***Societies and Cultures*—**Students explore cross-cultural perspectives that both distinguish and connect regions, countries, languages, and cultures.

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 identify and engage in efforts that constructively influence the public good.
- ***Ethical Reasoning and Values*—**Students identify, explain, and evaluate the ethical perspectives of others and themselves.

General Education

First Year Core Curriculum Areas

First Year Seminar (1 course – 1 semester credit) - To be completed during the first term of enrollment

In a small classroom setting, this course will help new students make a positive transition to HPU by helping them adjust to academic and student life. Students will develop relationships with their classmates, faculty/staff instructor and peer mentor, to foster an inclusive and welcoming community. To make the most of their experience at HPU, students will participate in meaningful discussions, personal reflections, and engaging activities within and outside the classroom to learn more about themselves, others, HPU, and Hawai'i.

The goals of this course are to:

- Connect students with a small community of peers, faculty, and staff
- Connect students to HPU and the Oahu community
- Foster student academic success and achievement of their academic goals
- Support student well-being and sense of belonging at HPU.

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

Skills *(Mākau Na auao):*

- *Oral Communication*—Students speak clearly and effectively for a variety of audiences and purposes.
- *Teamwork*—Students work effectively in teams.

Knowledge and Perspectives *('Ike):*

- *Societies and Cultures*—Students explore cross-cultural perspectives that both distinguish and connect regions, countries, languages, and cultures.

Values *(Mea Waiwai):*

- *Civic Engagement*—Students identify and engage in efforts that constructively influence the public good.

Students must select the following course:

UNIV	1000	First Year Seminar

Hawai'i and the Pacific (1 course—3 semester credits or 4 quarter credits for transfer students)

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*—Students will engage in creative practices to interpret and express ideas through various art forms.

Knowledge and Perspectives *('Ike):*

- *Historical and Conceptual Perspectives*—Students investigate and apply concepts from history or the humanities to describe and analyze phenomena over time.
- *Sustainability*—Students identify how ecological, social, and economic systems work together to promote sustainable futures.

Values *(Mea Waiwai):*

- *Civic Engagement*—Students identify and engage in efforts that constructively influence the public good.

Students must select one course from the following options:

AL	1050	Languages in the Pacific
ANTH	1500	Contemporary Social Activism in Hawai‘i
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 (1 course—3 semester credits or 4 quarter credits for transfer students)*

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)*

- *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 use quantitative reasoning to analyze problems and identify solutions.

Students must select one course from the following options:

CSCI	1534	Data Analysis and Visualization-the Good, the Bad, the Ugly
MATH	1123	Statistics
MATH	1130	Pre-calculus I
MATH	1150	Pre-calculus I and II Accelerated
MATH	2214	Calculus I
MC	2100	Mass Communication Research
PHIL	2090	Principles of Logic
PSY	1100	Probabilistic Thinking: Randomness, Chaos, and Chance

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 requirement.*

Written Communication and Information Literacy I (1 course—3 semester credits or 4 quarter credits for transfer students)*

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):*

- *Written Communication*—Students write clearly and effectively for a variety of audiences and purposes.
- *Critical Thinking*—Students synthesize information, explain issues, analyze concepts and evidence, assess assumptions, define their own perspectives and positions, and evaluate the implications and consequences of their conclusions.
- *Information Literacy*—Students locate, interpret, determine the credibility of, and use 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 introductory writing course(s). Students must earn a grade of C- or better to move on to Written Communication and Information Literacy II.

Students must select one course from the following options*:

WRI	1100	Writing and Analyzing Arguments
WRI	1150	Literature and Argument

Students must earn a grade of C- or higher to satisfy this curriculum area and to enroll in courses requiring a course from this category as a prerequisite.

**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 (1 course—3 semester credits or 4 quarter credits for transfer students)

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):*

- *Written Communication*—Students write clearly and effectively for a variety of audiences and purposes.
- *Critical Thinking*—Students synthesize information, explain issues, analyze concepts and evidence, assess assumptions, define their own perspectives and positions, and evaluate the implications and consequences of their conclusions.
- *Information Literacy*—Students locate, interpret, determine the credibility of, and use 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

Students must earn a grade of C- or higher to satisfy this curriculum area and to enroll in courses requiring a course from this category as a prerequisite.

General Education Core Curriculum Areas

The American Experience (1 course—3 semester credits or 4 quarter credits for transfer students)

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):*

- *Oral Communication*—Students speak clearly and effectively for a variety of audiences and purposes.

Knowledge and Perspectives *('Ike):*

- *Historical and Conceptual Perspectives*—Students investigate and apply concepts from history or the humanities to describe and analyze phenomena over time.
- *Societies and Cultures*—Students explore cross-cultural perspectives that both distinguish and connect regions, countries, languages, and cultures.

Values *(Mea Waiwai):*

- *Ethical Reasoning and Values*—Students identify, explain, 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 Politics
SOC	1000	Introduction to Sociology

Creative Arts (1 course—3 semester credits or 4 quarter credits for transfer students)

The creative arts celebrate the human capacity to imagine, create, and transform ideas into expressive forms, such as paintings, poems, music, theatre, 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*—Students will engage in creative practices to interpret and express ideas through various art forms.

Knowledge and Perspectives *('Ike):*

- *Societies and Cultures*—Students explore cross-cultural perspectives that both distinguish and connect regions, countries, languages, and cultures.

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 (1 course—3 semester credits or 4 quarter credits for transfer students)*

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):*

- *Critical Thinking*—Students synthesize information, explain issues, analyze concepts and evidence, assess assumptions, define their own perspectives and positions, and evaluate the implications and consequences of their conclusions.
- *Oral Communication*—Students speak clearly and effectively for a variety of audiences and purposes.

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	Reading Literature, Film, and 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 (1 course—3 semester credits or 4 quarter credits for transfer students)

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 work effectively in teams.

Knowledge and Perspectives *(ʻIke):*

- *Historical and Conceptual Perspectives*—Students investigate and apply concepts from history or the humanities to describe and analyze phenomena over time.
- *Societies and Cultures*—Students explore cross-cultural perspectives that both distinguish and connect regions, countries, languages, and cultures.

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 (1 course—3 semester credits or 4 quarter credits for transfer students)

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 use quantitative reasoning to analyze problems and identify solutions.

Knowledge and Perspectives *(ʻIke):*

- *Natural Sciences*—Students apply concepts from the natural sciences to describe, analyze, or explain natural phenomena.

Students must select one course from the following options:

BIOL	1000	Introductory Biology
BIOL	1300	Nutrition: Eat Smarter
CHEM	1000	Introductory Chemistry
CHEM	2050	General Chemistry I
GEOG	1000	Introduction to Physical Geography
GEOL	1000	The Dynamic Earth
MARS	1000	Introductory Oceanography
PHYS	1020	Astronomy

The Sustainable World (1 course—3 semester credits or 4 quarter credits for transfer students)

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 work effectively in teams.

Knowledge and Perspectives *('Ike):*

- *Natural Sciences*—Students apply concepts from the natural sciences to describe, analyze, or explain natural phenomena.
- *Sustainability*—Students identify how ecological, social, and economic systems work together to promote sustainable futures.

Values (*Mea Waiwai):*

- *Civic Engagement*—Students identify and engage in efforts that 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
INTR	1100	Global Environmental Politics and Sustainability
MARS	1500	Marine Biology and Global Oceans
SWRK	1010	Social Sustainability, Social Entrepreneurship, and Social Work

Technology and Innovation (1 course—3 semester credits or 4 quarter credits for transfer students)

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):*

- *Critical Thinking*—Students synthesize information, explain issues, analyze concepts and evidence, assess assumptions, define their own perspectives and positions, and evaluate the implications and consequences of their conclusions.
- *Technology and Innovation – Students apply an understanding of technology to solve problems; explore innovative practices for acquiring, analyzing, and sharing information, and understand the impact of technology on society.*

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	1611	A Gentle Introduction to Programming
ENGE	1000	Introduction to Engineering Systems and Professional Practice
MIS	2000	Information Tools for Business
MULT	1050	Point, Shoot, Edit
MULT	1100	Foundations of Multimedia Production

Traditions & Movements that Shape the World (1 course—3 semester credits or 4 quarter credits for transfer students)

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 investigate and apply concepts from history or the humanities to describe and analyze phenomena over time.
- *Societies and Cultures*—Students explore cross-cultural perspectives that both distinguish and connect regions, countries, languages, and cultures.

Values (*Mea Waiwai):*

- *Ethical Reasoning and Values*—Students identify, explain, and evaluate the ethical perspective 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
PSCI	2000	Introduction to Politics
SOC	2600	Peace Studies

Upper Division General Education Requirements

Starting in Fall 2021, the General Education Program at HPU will include two upper-division requirements. Any student entering HPU in the 2021-2022 academic year or later will be subject to these requirements. NOTE: These two requirements take the form of learning outcomes embedded within courses that are already part of the degree plan, meaning they do not extend the length of the degree or add credits to the major.

Upper-Division Writing (1 course—3 semester credits or 4 quarter credits for transfer students)

Courses that meet the upper-division writing requirement are writing-intensive courses at the 3000- or 4000-level that provide instruction in writing conventions, genres, and information literacy skills appropriate to the particular discipline or type of writing covered by the particular course, and use writing tasks to help students learn the course material and demonstrate their learning.

Courses address the following learning outcome:

- Written Communication—Students write clearly and effectively for a variety of audiences and purposes.

Students may select any of the following courses to meet the requirement. If a course that meets a requirement in the student's major is on the list, it may count for both the Upper-Division Writing requirement and the major. [Specific courses which fulfill the requirement for the Upper-Division Values requirement will appear here as they are approved.]

Upper Division Written Communication Courses available to any major

(Prerequisite: Written Communication and Information Literacy I and II courses.)

COM	3420	Business Communication
COM	3500	Technical Communication
HIST	3910	The Historian's Craft
HUM	3900	Reading and Writing in the Humanities
MULT	4590	Feature Film Screenwriting
WRI	3420	Grant Writing

Upper Division Written Communication Courses for specific majors

(Course specific prerequisites, in addition to Written Communication and Information Literacy I and II courses.)

AL	4960	Practice Teaching
BIOL	3020	Plant Biology
CJ	4900	Seminar in Criminal Justice
CSCI	3211	Systems Analysis and Design
ED	3200	Education Research and Writing
ENGR	3501	Engineering Design Project II
ENVS	4100	Society and Environment: Contemporary Issues Seminar (for BA)
ENVS	4400	Environmental Science Seminar (for BS)
HRD	3400	Organizational Staffing
MATH	3000	Writing Proofs
PADM	4000	Strategic Planning for Government Organizations

Upper–Division Values (1 course—3 semester credits or 4 quarter credits for transfer students)

Courses that meet the upper-division values requirement are courses in which students continue to discern and assess the values that underlie various critical positions, articulate their own values with coherence and integrity, and/or endeavor to put their values into practice through participation in efforts to influence the public good. Courses that meet the upper-division values requirement would be courses at the 3000- or 4000-level that a) address ethical issues, either related to an academic discipline or profession or in society as a whole, or b) which involve students in civic engagement activities, and does so at a more advanced level than the lower-division General Education courses.

Courses address either of these learning outcomes:

- Civic Engagement—Students identify and engage in efforts that constructively influence the public good, or
- Ethical Reasoning and Values—Students identify, explain, and evaluate the ethical perspectives of others and themselves.

Students may select any of the following courses to meet the requirement. If a course that meets a requirement in the student's major is on the list, it may count for both the Upper-Division Values requirement and the major. [Specific courses which fulfill the requirement for the Upper-Division Values requirement will appear here as they are approved.

Upper Division Values – A: Civic Engagement Courses available to any major

ARTS	3000	Arts Entrepreneurship
WRI	3510	Composition Studies

Upper Division Values – A: Civic Engagement Courses for specific majors

AL	3500	Second Language Learning and Teaching
ED	4511	Elementary Clinical Experience I
PSY	4950	Counseling Practicum

Upper Division Values – B: Ethical Reasoning Courses available to any major

CJ	3000	Ethics and Justice
INTR	3350	International Human Rights
MATH	3470	Applied Statistics
PHIL	3651	Environmental Ethics

Upper Division Values – B: Ethical Reasoning Courses for specific majors

CSCI	3911	Software Engineering
ENGR	3500	Engineering Design Project I
MULT	3780	Global Documentary

Associate of Science in Criminal Justice (AS)

ASSOCIATE OF SCIENCE MAJOR IN CRIMINAL JUSTICE

Total Credits Required: 60 Credits

Hawai‘i Pacific University offers the Associate of Science degree in Criminal Justice to students enrolled through the College of Professional Studies upon completion of 60 credit hours of required and elective lower-division (1000- and/or 2000-level) courses. 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.

PROGRAM LEARNING OUTCOMES

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.*

Associate of Science in Criminal Justice (AS)

Requirements

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.

LOWER-DIVISION MAJOR REQUIREMENTS (21 CREDITS)

DEPT	COURSE #	TITLE
CJ	1000	Violence in American Society
CJ	1050	Introduction to Criminal Justice
CJ	1500	Introduction to Cybersecurity
CJ	2050	Basic Criminology
CJ	2060	Justice Systems
PADM	1000	Introduction to Leadership in America *(The American Experience)*
PSY	1000	Introduction to Psychology *(Critical Thinking and Expression)*

LOWER-DIVISION ELECTIVE REQUIREMENTS (6 CREDITS)

Complete any two of the following:

DEPT	COURSE #	TITLE
HMLD	2000	Disaster Preparedness & Response
PSCI	1400	American Politics *(The American Experience)*
SOC	1000	Introduction to Sociology
SOC	2000	Social Problems & Policy

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 in Cybersecurity (AS)

ASSOCIATE OF SCIENCE MAJOR IN CYBERSECURITY

Total Credits Required: 60 Credits

Hawai‘i Pacific University offers the Associate of Science degree in Cybersecurity to students enrolled through the College of Professional Studies upon completion of 60 credit hours of required and elective lower-division (1000- and/or 2000-level) courses. The AS in Cybersecurity leads directly into the Bachelor of Science in Cybersecurity. The AS in Cybersecurity will allow students to obtain the basic foundational goals in computer security and networking.

PROGRAM LEARNING OUTCOMES

Students who earn the Associate of Science in Cybersecurity will:

1. Gather evidence and plan an appropriate response/solution to a cybersecurity attack on a system or organization and demonstrate the concepts of confidentiality and integrity in information assurance.
2. Communicate effectively in a variety of professional contexts including client presentation and demonstrate appropriate written and oral communication of technology concepts to a wide audience.
3. Analyze and describe the local and global impact of cybersecurity on individuals, organizations, and society focusing on professional, ethical, legal, security, and social issues and responsibilities related to computing

Associate of Science in Cybersecurity (AS)

Requirements

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.

MAJOR REQUIREMENTS (31 CREDITS)

All of the following (19 Credits):

DEPT	COURSE #	TITLE
CYBS	1000	Cybersecurity Fundamentals
CYBS	2210	CompTIA A+
CYBS	2220	CompTIA Network +
CYBS	2230	CompTIA Security+
CYBS	2240	CISCO Cybersecurity Operations
CSCI	2911	Computer Science I
CSCI	2916	Computer Science I Lab
CSCI	2761	HTML, CSS, and Web Design

And any four of the following (12 Credits):

DEPT	COURSE #	TITLE
CJ	1500	Introduction to Cybersecurity
CSCI	1061	Mobile Technologies for the 21st Century *(Technology & Innovation)*
CSCI	1611	Gentle Introduction to Computer Programming *(Technology & Innovation)**
CSCI	1911	Foundations of Programming*
CSCI	2301	Discrete Mathematics for Computer Science
CSCI	2912	Computer Science II
CYBS	2201	Fundamentals of Cybersecurity
CYBS	2202	Fundamentals of Network Security
CYBS	2203	Secure Programming
MATH	1123	Statistics *(Quantitative Analysis and Symbolic Reasoning)*
MIS	2000	Information Tools for Business *(Technology & Innovation)*

*CSCI 1611 or CSCI 1911 is strongly recommended for students considering a Bachelor of Science in Computer Science

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 General Business (AS)

ASSOCIATE OF SCIENCE MAJOR IN 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 LEARNING OUTCOMES

Students who earn the Associate of Arts in General Business 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.*

Associate of Science General Business (AS)

Requirements

GENERAL EDUCATION COURSES (36 CREDITS)

LOWER-DIVISION MAJOR REQUIREMENTS (21 CREDITS)

DEPT	COURSE #	TITLE
BUS	1000	Introduction to Business
ECON	2010	Principles of Microeconomics *(Critical Thinking & Expression)*
ECON	2015	Principles of Macroeconomics *(Traditions & Movements that Shape the World)*
MATH	1123	Statistics
MATH	1130	Pre-Calculus I *(Quantitative Analysis & Symbolic Reasoning)*
MATH	2326	Mathematics for Decision-Making
MIS	2000	Information Tools for Business *(Technology & Innovation)*

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 60 credit hours.

Associate of Arts General Studies (AA)

ASSOCIATE OF ARTS MAJOR IN GENERAL STUDIES

Total Credits Required: 60 Credits

Hawai‘i Pacific University offers the Associate of Arts degree in General Studies to students enrolled through the College of Professional Studies upon completion of 60 credit hours of required and elective lower-division (1000- and/or 2000-level) courses. 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 LEARNING OUTCOMES

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.*

Associate of Arts General Studies (AA)

Requirements

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 in Health Professions (AS)

ASSOCIATE OF SCIENCE MAJOR IN HEALTH PROFESSIONS

Total Credits Required: 60 Credits

Hawai'i Pacific University offers the Associate of Science degree in Health Professions to students enrolled through the College of Professional Studies upon completion of 60 credit hours of required and elective lower-division (1000- and/or 2000-level) courses. The AS in Health Professions helps prepare students for health-related careers or further study in health care 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 LEARNING OUTCOMES

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.*

Requirements

GENERAL EDUCATION COURSES (36 CREDITS)

MAJOR REQUIREMENTS (26 CREDITS)

DEPT	COURSE #	TITLE
BIOL	1300	Nutrition: Eat Smarter
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	1000	Introduction to Chemistry *(The Natural World)*
MATH	1123	Statistics *(Quantitative Analysis & Symbolic Reasoning)*
PH	2060	Comparative Health Systems (*Global Crossroads & Diversity)*
SOC	2000	Social Problems and Policy

MAJOR ELECTIVES (3 CREDITS)

DEPT	COURSE #	TITLE
COM	1000	Introduction to Communication (*Critical Thinking and Expression*)
PSY	1000	Introduction to Psychology (*Critical Thinking and Expression*)
SOC	1000	Introduction to Sociology (*The American Experience)*

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 in Homeland Security (AS)

ASSOCIATE OF SCIENCE MAJOR IN 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, and local government as well as private sector law enforcement and security organizations. This program readies students for continued academic studies while leading directly into the Bachelors of Science in Diplomacy and Military Studies, Bachelor of Science in Criminal Justice, or the Bachelor of Arts in International Studies. This degree is conferred through the College of Professional Studies upon completion of 60 credit hours of required and elective lower-division (1000- and/or 2000-level) courses.

PROGRAM LEARNING OUTCOMES

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.*

Requirements

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.

LOWER-DIVISION MAJOR REQUIREMENTS (27 CREDITS)

DEPT	COURSE #	TITLE
HIST	1002	Global Crossroads: 1500-Present *(Global Crossroads & Diversity)*
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
PSCI	1400	American Politics *(The American Experience)*

Complete one of the following:

DEPT	COURSE #	TITLE
CJ	1000	Violence in American Society
CJ	2000	Laws & Courts in World Cultures

Complete one of the following:

DEPT	COURSE #	TITLE
CJ	1500	Introduction to Cybersecurity
CJ	2050	Basic 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 in Supervisory Leadership (AS)

ASSOCIATE OF SCIENCE MAJOR IN SUPERVISORY LEADERSHIP

Total Credits Required: 60 Credits

This major 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 decisions 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). The Associate of Science degree is conferred through the College of Professional Studies upon completion of the 60 credit hours of required and elective lower-division (1000- and/or 2000-level) courses.

PROGRAM LEARNING OUTCOMES

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*.

Requirements

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.

MAJOR REQUIREMENTS (21 CREDITS)

DEPT	COURSE #	TITLE
COM	1000	Introduction to Communication Skills *(Critical Thinking & Expression)*
CSCI	1041	Digital Literacy in a Global Society *(Technology & Innovation)*
HRD	1000	Introduction to Human Resource Development
HRD	2000	Integrated Talent Management
PADM	1000	Introduction to Leadership in America
PADM	2000	Supervisory Leadership
PSCI	2000	Introduction to Politics *(Traditions & Movements that Shape the World)*

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.

Arts & Markets (BA)

BACHELOR OF ARTS MAJOR IN ARTS & MARKETS

Major Credits Required: 55-57 Credits

The Bachelor's degree in Arts & Markets at Hawai'i Pacific University offers a unique, multidisciplinary and multicultural approach that prepared students for careers in music, theatre, or visual arts. Secondary areas are possible in writing or multimedia.

Graduates will develop practical skill sets to work for educational organizations, businesses, nonprofit organizations, and government agencies that deal in, represent, or interact with artists and the arts – perhaps in addition to managing a freelance artistic career. Areas of study may include:

- Arts production and performance
- History, appreciation and analysis of the arts
- Business as it relates to the arts
- New media and writing in the arts
- Secondary, university, and continuing education

Graduates who focus on MUSIC will be prepared to pursue careers at music studios, radio stations, concert halls, arts councils, hotels, resorts, cruise lines, amusement and theme parks, and entertainment law firms. Possible positions include music administrator, promoter, music marketing or operating manager, manager for entertainment and media, music producer, event staff, consulting, studio and/or recording artist.

Graduates who focus on THEATRE will be prepared to pursue careers at theatre houses, acting conservatories, equity playhouses, film/TV production companies, arts councils, cruise lines, amusement and theme parks, and entertainment law firms. Possible positions include actors/actresses, motivational speakers, voice-over artists, acting coaches, drama therapists, casting agents, production assistants, directors, stage managers, dramaturgs, designers (scenic, lighting, costume, etc.), producers, box office managers, press agents, and public relations specialists.

Graduates who focus on ART HISTORY and VISUAL ART will seek positions at museums, (academic or commercial) art galleries, serve as art dealers, art critics, writers related in art and culture subjects in newspapers and magazines, lectures for travel and government organizations, and consulting for dealers and collectors. They are practically trained to organize (academic and commercial) exhibitions, to write exhibition catalogues (entries and essays), exhibition captions, and promoting/marketing works of art.

Faculty Advising

Students plan their individualized course of study with faculty advisors. The faculty advisor assigned to each student will serve as mentor for curriculum choices, internship assignments, and the planning, execution, and evaluation of the capstone project.

Internship Opportunities

In preparation for such careers, students will have opportunities to work with Honolulu's theatres, museums, galleries, music venues and arts advocacy groups, shadowing and assisting artists, attending exhibits and performances, with an artist and/or arts-related organization.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

The major in Arts and Markets will enable students to demonstrate:

1. *Creative and technical skills in music, theatre, or visual arts that enable them to perform effectively in musical concerts, theatrical productions, or gallery exhibits and succeed in jobs related to the business of music, theatre, or visual art.*
2. *The ability to communicate and market themselves and other artists to targeted audiences through online and other mass media sources.*

3. *The financial and management skills necessary to succeed in the business of the arts.*
4. *The ability to write grant proposals to win financial support for artistic endeavors, events, or programming.*
5. *The ability to devise and oversee a concert, exhibition, production, or similar event.*

Arts & Markets (BA)

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (12 SEMESTER CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

Lower-Division Required Courses (6 Semester Credits)

DEPT	COURSE #	TITLE
BUS	1000	Introduction to Business
MGMT	2000	Principles of Management

Lower-Division Arts Elective (6 Semester Credits)

Choose any six credits of the following. Courses are 3 credits unless otherwise indicated:

DEPT	COURSE #	TITLE
ARTS	1000	Introduction to Visual Arts *(Creative Arts)*
ARTS	1003	Sustainable Art and Design (*Sustainable World*)
ARTS	2010	Drawing
ARTS	2150	Introduction to Design *(Creative Arts)*
ARTH	2301	Topics in World Art History *(Creative Arts)*
ENG	2000	Art of Literature
ENG	2100	Reading Literature, Film, Culture (*Critical Thinking and Expression*)
MC	2200	First Amendment and Intellectual Property
MULT	1100	Foundations of Multimedia Production (*Technology and Innovation*)
MULT	2000	Global Cinema Studies *(Global Crossroads and Diversity*)
MULT	2060	Modern Media Systems
MULT	2460	Graphic Design
MULT	2465	Motion Picture Production
MUS	1000	Introduction to Classical Music *(Creative Arts)*
MUS	1400	Music Fundamentals
MUS	1600	Hula Performance (1 credit)
MUS	1710	International Chorale (1 credit)
MUS	2101	Music in World Cultures *(Creative Arts)*
MUS	2400	Music Theory
THEA	2000	Theatre Laboratory (1-2 credits)
THEA	2320	Acting I: Basic Acting for Stage and Screen *(Creative Arts)*
WRI	2601	Introduction to Creative Writing *(Creative Arts)*

LOWER-DIVISION LANGUAGE REQUIREMENTS (6-8 SEMESTER CREDITS)

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

UPPER-DIVISION MAJOR REQUIREMENTS (37 SEMESTER CREDITS)

Upper-Division Required Courses (9 Semester Credits)

DEPT	COURSE #	TITLE
ARTS	3000	Arts Entrepreneurship
MKTG	3000	Principles of Marketing
WRI	3420	Grant Writing

Applied Promotion, Organizational or Law Restricted Elective (3 Semester Credits)

Choose one of the following:

DEPT	COURSE #	TITLE
MC	3730	New Media Strategies and Sales
MC	3750	Special Events Planning
MGMT	3200	Small Business Management
PADM	3600	Non-Profit Management

Arts & Markets majors, working with a faculty advisor, choose from one of the concentrations below, and to that concentration add elective choices to fulfill a self-designed thematic program.

Visual and Studio Arts Concentration (Minimum of 12 Credits)

Choose from the following, minimum of 12 credits:

DEPT	COURSE #	TITLE
ARTS	3051	Photography
ARTS	4901	Advanced Studio Projects
ARTH	3206	Renaissance to Modern Art
ARTH	3301	Art of China
ARTH	3321	Art of Japan
ARTH	3351	Art of India and South East Asia
ARTH	3552	Art of Polynesia
ARTH	3556	Art of Hawai'i
ARTH	3611	Art of the Human Body
ARTH	3711	Superheroes in Mange and Anime
MC	3120	Writing for Digital Media
MULT	3475	Web Interface and Design
MULT	3500	Cinematography Workshop
MULT	3510	Non-Linear Audio-Visual Editing
PHIL	3501	Philosophy of Art and Aesthetics
WRI	3330	Fiction Writing Workshop
WRI	3340	Creative Nonfiction Writing
WRI	3310	Poetry Workshop
WRI	3391	Wanderlust: HPU Student Literary Magazine
WRI	3510	Composition Studies
WRI	3951	Staff Reader, Hawai'i Pacific Review (1 Credit)
WRI	3953	Managing Editor, Hawai'i Pacific Review

Theatre Concentration (12 Credits)

Choose any 4 of the following to reach a minimum of 12 credits:

DEPT	COURSE #	TITLE
MULT	3600	Creative Narrative Production
MULT	4590	Feature Film Screenwriting
MUS	3020	Vocal Pedagogy
THEA	3420	Acting II: Fundamentals of Scene Study
THEA	3520	Acting II: Advanced Acting
THEA	3600	Production
THEA	3500	Applied Technical Theatre
THEA	3620	Directing
THEA	4520	Acting IV
THEA	4950	Theatre Performance
WRI	3320	Scriptwriting

Musical Arts Concentration (Minimum of 12 Credits)

Choose from the following to reach a minimum of 12 credits:

DEPT	COURSE #	TITLE
MUS	3020	Vocal Pedagogy
MUS	3030	History of American Musical Theatre
MUS	3100	Theatre Music of the World
MUS	3210	Applied Music (1 credit)/ MUS 3211 Applied Music (2 credits) (any combination that totals 3 credits may be applied to the major)
MUS	3710	International Vocal Ensemble (1 credit, repeatable, 3 credits may be applied to the major.)
MUS	3720	Symphony Orchestra (1 credit, repeatable, 3 credits may be applied to the major.)
MUS	3700	Hawaiian Ensemble (1 credit, repeatable, 3 credits may be applied to the major.)
MUS	4000	Topics in Music
PSY	3160	Psychology of Music

Upper-Division Major Electives (at least 10 Credits)

Working with your faculty advisor choose any additional courses from the above applied and concentration categories to complete the area of focus for a total of at least 34 credits (not including the required major capstone course).

ART AND MARKETS CAPSTONE REQUREMENT (3 CREDITS)

The BA in Arts and Markets culminates in an applied major capstone experience and complete production project. In integrating the theories and practices of business and arts, and in addition to creating the project itself, students will also consider and create an appropriate business plan that includes any necessary grant applications or other funding requirements, budgeting, marketing and/or advertising plans, Students should take the following preferably in their final term of the program:

MUSIC Capstone Course and Final Project, HUM 4900 Interdisciplinary Seminar and Integrative Project

Produce a full-length concert or recital, with business plan, grant applications, budget, marketing, and advertising plans.

THEATRE Capstone Course and Final Project, HUM 4900 Interdisciplinary Seminar and Integrative Project

Produce a full-length play or collection of one-act plays, scenes, and/or monologues with business plan, grant applications, budget, marketing and advertising plans.

VISUAL ART Capstone Course and Final Project, HUM 4900 Interdisciplinary Seminar and Integrative Project

Produce an art exhibit or gallery show with business plan, grant applications, budget, marketing, and advertising plans.

Arts & Markets (BA)

Sample 4-Year Degree Plan Visual and Studio Arts Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Arts & Markets (BA)

Sample 4-Year Degree Plan Theatre Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Arts & Markets (BA)

Sample 4-Year Degree Plan Musical Arts Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Biochemistry (BS)

BACHELOR OF SCIENCE IN MAJOR: BIOCHEMISTRY

Major Credits Required: 69-71 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. Advances 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 engaged in research, which provide rich and meaningful research opportunities for our biochemistry majors and infuses our program with the energy and excitement of current developments in the field.

Our research programs also facilitate the integration of advanced research instruments into our required laboratory courses, another distinguishing feature of our program. Students get hands-on experience with state of the art instruments including gas chromatography (GC), high performance liquid chromatography (HPLC), mass spectrometry (MS), fluorimetry, polymerase chain reaction (PCR), and magnetic resonance spectroscopy (NMR). These are instruments that are widely used 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 enter 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, and veterinary), allied health professions (physical therapy, physician's assistant, dietician, and medical technologist), law (patent law, forensics), chemistry/biochemistry education, environmental science, scientific writing, and sales and marketing.

We offer two different concentrations for the biochemistry major. The Conventional 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, including those listed above.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

The Biochemistry program learning outcomes are listed below. Graduates will:

1. *Demonstrate an understanding of the basic and foundational chemical principles that provide significant insight into the functioning of living systems.*
2. *Demonstrate understanding of key concepts and principles regarding biochemical structures, principal biochemical pathways of living organisms and the molecular basis of biochemical processes.*
3. *Demonstrate expertise in commonly used biochemical laboratory methods.*
4. *Demonstrate an understanding of the theory and learn to operate a wide variety of advanced biochemical instrumentation.*
5. *Demonstrate an understanding of how to access and interpret literature in the field of biochemistry.*
6. *Critically analyze experimental results.*
7. *Present scientific information orally using visual aids.*
8. *Communicate scientific information in written reports.*
9. *Acquire and statistically analyze quantitative data.*

10. *Solve chemical problems quantitatively.*

Biochemistry (BS)

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (35 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
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 *(The Natural World)*
CHEM	2051	General Chemistry I Laboratory
CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Laboratory
MATH	1123	Statistics
MATH	2214	Calculus I *(Quantitative Analysis & Symbolic Reasoning)*
MATH	2215	Calculus II
PHYS	2050	General Physics I
PHYS	2051	General Physics I Laboratory
PHYS	2052	General Physics II
PHYS	2053	General Physics Laboratory

CONVENTIONAL CONCENTRATION

UPPER-DIVISION MAJOR REQUIREMENTS (30 CREDITS)

DEPT	COURSE E	TITLE
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	Biochemistry I
CHEM	4031	Biochemistry I Laboratory
CHEM	4032	Biochemistry II
CHEM	4033	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, 3 credits.

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)

DEPT	COURSE #	TITLE
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	Biochemistry I
CHEM	4031	Biochemistry I Laboratory
CHEM	4032	Biochemistry II
CHEM	4033	Biochemistry II Laboratory
CHEM	4095	Biochemistry Seminar

UPPER-DIVISION ELECTIVE REQUIREMENTS (10–11 CREDITS)

Complete two courses from:

DEPT	COURSE #	TITLE
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) CHEM course, 3 credits.

One additional laboratory course from within the Department of Natural Sciences, 1–2 credits.

Biochemistry (BS)

Sample 4-Year Degree Plan Conventional Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Biochemistry (BS)

Sample 4-Year Degree Plan Pre-Health Professions Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Biology (BS)

BACHELOR OF SCIENCE MAJOR IN BIOLOGY

Major Credits Required: 66-81 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 three pathways, or concentrations, for a major program of study leading to a Bachelor of Science degree in Biology. The first program of study is Conservation, Ecology and Evolution which gives a strong background in natural systems, quantitative methods and evolutionary and ecological principles to prepare students for careers or graduate work in wildlife biology, conservation, ecosystem restoration and management. The General Biology concentration provides a broad, yet integrated background across the breadth of fields within the biological sciences. The General Biology curriculum is scientifically rigorous but flexible, offering students choices and opportunities for pursuing their own areas of interest, and providing the preparation for a variety of biological careers or further studies, including molecular biology, physiology, veterinary science, microbiology, zoology, and botany. The third concentration is the Human and Health Sciences program of study. This curriculum 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, 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 all 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 researchers, science educators, health professionals, managers, and for many other pursuits.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

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.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (32 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
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 *(The Natural World)*
CHEM	2051	General Chemistry I Laboratory
CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Laboratory
MATH	2214	Calculus I *(Quantitative Analysis & Symbolic Reasoning)*
MATH	2215 or 3305	Calculus II or Linear Algebra

Take either the College Physics series:

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
PHYS	2050	General Physics I
PHYS	2051	General Physics I Laboratory
PHYS	2052	General Physics II
PHYS	2053	General Physics II Laboratory

CONSERVATION, ECOLOGY, and EVOLUTION CONCENTRATION

LOWER-DIVISION CONCENTRATION REQUIREMENTS (3 CREDITS)

DEPT	COURSE #	TITLE
BIOL	2060	Field Experiences in Natural History and Conservation

UPPER-DIVISION CONCENTRATION REQUIREMENTS (43-46 CREDITS)

DEPT	COURSE #	TITLE
BIOL	3010	Natural History of the Hawaiian Islands
BIOL	3011	Hawaiian Natural History Laboratory
BIOL	3020	Plant Biology **or** BIOL 4024 Algal Biology and Diversity
BIOL	3030	Comparative Animal Physiology **or** BIOL 3170 Cell and Molecular Biology
BIOL	3040	General Microbiology **or** BIOL 4040 Environmental Microbiology
BIOL	3050	Genetics
BIOL	3054	Evolutionary Biology
BIOL	3060	Invertebrate Zoology **or** BIOL 3070 Vertebrate
BIOL	3080	Ecology
BIOL	3081	Ecology Laboratory
BIOL	3090	Biometry
BIOL	4960	Island Ecosystem Management
CHEM	3010	Fundamental Organic Chemistry **or** CHEM 3030-3032 Organic and II

Choose at least 2 upper-division laboratory courses (2 credits minimum) from the following, as long as the related lecture course is taken:

DEPT	COURSE #	TITLE
BIOL	3021	Plant Biology Laboratory
BIOL	3031	Comparative Animal Physiology 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

Choose two 4000-level lecture courses from the following:

DEPT	COURSE #	TITLE
BIOL	4024	Algal Biology and Diversity
BIOL	4040	Environmental Microbiology
ENVS	4030	Geographic Information Systems
MARS	4030	Marine Mammal Biology
MARS	4040	Seabird Ecology
MARS	4100	Marine Resource Management
MARS	4400	Marine Conservation Management
MARS	4050	Marine Ecology

GENERAL BIOLOGY CONCENTRATION

UPPER-DIVISION CONCENTRATION REQUIREMENTS (34–37 CREDITS)

DEPT	COURSE #	TITLE
BIOL	3020	Plant Biology **or** BIOL 4024 Algal Biology & Diversity
BIOL	3030	Comparative Animal Physiology **or** BIOL 3034 Human Physiology
BIOL	3040	General Microbiology **or** BIOL 4040 Environmental Microbiology
BIOL	3050	Genetics **or** BIOL 3054 Evolutionary Biology
BIOL	3060	Marine Invertebrate Zoology **or** BIOL 3070 Marine Vertebrate Zoology
BIOL	3080	Ecology
BIOL	3081	Ecology Laboratory
BIOL	3090	Biometry
BIOL	3170	Cell and Molecular Biology **or** CHEM 4030 Biochemistry I
CHEM	3010	Fundamental Organic Chemistry **or** CHEM 3030/3032 Organic Chemistry I & II*

*The year-long organic chemistry series is recommended for students planning to attend graduate school

Choose at least 3 upper-division science laboratory courses (3 credits minimum) from the following:

DEPT	COURSE #	TITLE
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

Choose one additional 4000-level lecture course:

DEPT	COURSE #	TITLE
BIOL	4020	Cancer-Biology
BIOL	4024	Algal Biology & Diversity
BIOL	4040	Environmental Microbiology
BIOL	4050	Developmental Biology
BIOL	4210	Neurobiology
BIOL	4220	Immunology

HUMAN AND HEALTH SCIENCES CONCENTRATION

LOWER-DIVISION CONCENTRATION REQUIREMENTS (7 CREDITS)

DEPT	COURSE #	TITLE
MATH	1123	Statistics
PMED	2910	Premedical Studies Seminar I
PSY	1000	Introduction to Psychology (*Critical Thinking and Expression)*

UPPER-DIVISION MAJOR REQUIREMENTS (36 CREDITS)

DEPT	COURSE #	TITLE
BIOL	3010	Natural History of the Hawaiian Islands **or** BIOL 3020 Plant Biology **or** BIOL 3080 Ecology
BIOL	3034	Human Physiology
BIOL	3036	Human Anatomy
BIOL	3040	General Microbiology **or** BIOL 4040 Environmental Microbiology
BIOL	3050	Genetics
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	3910	Premedical Studies Senior Seminar II
PMED	3950	Premedical Studies Practicum

Choose at least two upper-division science laboratory courses from the following (2 credits minimum):

DEPT	COURSE #	TITLE
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 is chosen as an elective)

Choose one additional 4000-level lecture course from the following:

DEPT	COURSE #	TITLE
BIOL	4020	Cancer-Biology
BIOL	4050	Developmental Biology
BIOL	4210	Neurobiology
BIOL	4220	Immunology

Articulation 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 time 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: https://www.hpu.edu/cncs/natural-science/pre-health/pre-med-articulation.html

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.

Preferred Admission at Hawaii Pacific University

The new Doctor of Physical Therapy Program at HPU is an accelerated two-year program. HPU current students and alumni are guaranteed an interview through the HPU ‘Ohana Prioritized Application Process. Any current student who has achieved 90 undergraduate credits towards their bachelor’s degree, HPU Graduate students, and HPU alumni who have fully completed their application file and meet the minimum program requirements qualify.

More information about HPU’s new DPT program can be found on HPU’s website: https://www.hpu.edu/chs/dpt/index.html

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 four different opportunities for students interested in Pharmacy. All pathways offer students the options 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 necessary courses required at HPU to qualify for this degree plan.

3+3 Program at Pacific University, Oregon

Pacific University's Bridge Program is open to HPU students who have completed at least 60 credit hours and attained an overall 3.0+ GPA and C+ or better in all core science courses. Interested in students should work with their faculty advisor early on to plan their application and transfer to Pacific University.

3+4 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 4.0), 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" 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 (out of 4.0), 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 to qualify for this degree plan.

Early Acceptance Program in Medicine and Dentistry

Hawai'i Pacific University has partnered with Lake Eric College of Medicine (LECOM) to offer HPU students an advantageous Early Acceptance Program (EAP) into the Medicine and Dentistry programs at LECOM. Students must meet specific GPA requirements, complete all pre-requisite classes, and participate in the Pre-Health Professions Program while at HPU. After completing a degree at HPU, these students matriculate directly into the Dental or Medicine Programs at LECOM. For more information, please visit the website: https://www.hpu.edu/cncs/natural-science/pre-health/early-acceptance.html

Biology (BS)

Sample 4-Year Degree Plan General Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Biology (BS)

Sample 4-Year Degree Plan Human Health Science Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Biomedical Engineering (BS)

BACHELOR OF SCIENCE MAJOR IN BIOMEDICAL ENGINEERING

Major Credits Required: 91 Credits

The Bachelor of Science in Biomedical Engineering degree at HPU involves the application of engineering principles to design and develop diagnostic or treatment solutions for biological, medical and/or physiological problems. Students may undertake a variety of courses in computational biomechanics, biomedical optics, biomedical signal processing, computer simulation and processing, medical image processing and instrumentation, tissue engineering, biosensing, and device design, in addition to the study of topics in physics, chemistry, and electrical engineering toward future employment in the healthcare and/or healthcare technology sector. The HPU Bachelor of Science in Biomedical Engineering is a four-year program. HPU Bachelor of Science in Biomedical Engineering graduates will find employment working with scientists and healthcare experts in areas such as artificial organ and prosthesis development, medical imaging and instrumentation systems, healthcare delivery and management systems, and development of medical assistive technologies for intervention and/or diagnosis.

The Biotechnology concentration is an additional interdisciplinary course of study that has applications to the physical sciences, statistics, medical research, biological research, environmental studies, and computer science. The successful graduate will be prepared for employment in industry, government, commerce, or further graduate study.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

The Bachelor of Science in Biomedical Engineering seeks to produce graduates who will:

1. *an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.*
2. *an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.*
3. *an ability to communicate effectively with a range of audiences.*
4. *an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.*
5. *an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.*
6. *an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.*
7. *an ability to acquire and apply new knowledge as needed, using appropriate learning strategies*

Biomedical Engineering (BS)

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (43 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
BIOL	2050	General Biology I
BIOL	2051	General Biology I Lab
BIOL	2052	General Biology II
BIOL	2053	General Biology II Lab
CHEM	2050	General Chemistry I *(The Natural World)*
CHEM	2051	General Chemistry I Lab
CSCI	2911	Computer Science I
CSCI	2916	Computer Science Lab I
ENGB	2000	Biomechanics
ENGE	1000	Introduction to Engineering Systems and Professional Practice *(Technology & Innovation)*
ENGE	2000	Linear Circuits and Systems
ENGE	2001	Linear Circuits and Systems Lab
ENGR	1500	Design Project Experience I
ENGR	2500	Design Project Experience II
MATH	2214	Calculus I *(Quantitative Analysis & Symbolic Reasoning)*
MATH	2215	Calculus II
MATH	2216	Calculus III
PHYS	2050	General Physics I
PHYS	2051	General Physics I Lab

UPPER-DIVISION MAJOR REQUIREMENTS (36 CREDITS)

DEPT	COURSE #	TITLE
BIOL	3034	Human Physiology
BIOL	3035	Human Physiology Lab
BIOL	3170	Cell and Molecular Biology
BIOL	3171	Cell and Molecular Biology Lab
ENGB	3001	Thermodynamics of Living Systems
ENGB	3004	Biomedical Instrumentation and Device Fabrication
ENGE	3000	Signals and Systems
ENGE	3006	Electromagnetics
ENGR	3500	Engineering Design Project I
ENGR	3501	Engineering Design Project II
MATH	3305	Linear Algebra
MATH	3307	Differential Equations
MATH	3470	Applied Statistics

UPPER-DIVISION MAJOR ELECTIVES (12 CREDITS)

Plus four electives from one of the following groups (12 Credits):

BS in Biomedical Engineering: (Non-Concentration) Electives

Plus Four Electives from the Following (12 Credits):

DEPT	COURSE #	TITLE
ENGB	4001	Transport Phenomena
ENGB	4002	Tissue Engineering
ENGB	4004	Biomedical Optics
ENGB	4005	Biomedical Signal Processing
ENGB	4007	Biosensors
ENGB	4008	Computational Biomechanics
ENGB	4999	Special Topics in Biomedical Engineering
ENGR	3990	Engineering Internship
ENGR	4500	Engineering Research
ENGR	4999	Special Topics in Engineering

Biotechnology Engineering Concentration

The Biotechnology Engineering concentration is an additional interdisciplinary course of study that has applications to the physical sciences, statistics, medical research, biological research, environmental studies, and computer science. The successful graduate will be prepared for employment in industry, government, commerce, or further graduate study.

In addition to the required courses for the degree major, the BTE concentration requires 12 credits from the following CNCS courses:

DEPT	COURSE #	TITLE
BIOL	3040	General Microbiology
BIOL	4040+4041	Environmental Microbiology + Lab
CHEM	3020, 3022, 3023	Physical Chemistry I, II, Lab
CHEM	3040+3041	Quantitative Analysis + Lab
CHEM	4030+4031	Biochemistry I + Lab
ENGB	4001	Transport Phenomena
ENGB	4002	Tissue Engineering
ENGR	3990	Engineering Internship (in the Biotechnology field)
ENGR	4500	Engineering Research (in the Biotechnology field)
ENGR	4999	Special Topics in Engineering
ENGT	2001	Biomaterials
ENGT	3002	Analytical Biotechnology for Engineers
ENVS	4070	Industrial Ecology

Other relevant courses by permission of department chair

Biomedical Engineering (BS)

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Biotechnology Engineering (BS)

BACHELOR OF SCIENCE MAJOR IN BIOTECHNOLOGY ENGINEERING

Major Credits Required: 93 Credits

The Bachelor of Science in Biotechnology Engineering degree at HPU involves the design, development, and application of innovative technologies, products, and/or environmentally sustainable systems through the efficient use of resources. Biotechnology specializations include those related to bioenvironmental engineering and bioprocess engineering. Bioenvironmental engineering is the application of engineering principles to the natural environment and its ecosystems for sustaining and remediation of environmental quality of life. Bioenvironmental engineering solutions may seek to address topics of concern in soil ecology, land treatments, waste treatment and management, air quality, biofuels, and ground water hydrology. Bioprocess engineering is the application of engineering principles to the design, construction, integration, and/or maintenance of environmentally responsible systems for process sustainability and remediation. Bioprocess engineers may be concerned with manufacturing processes of food, chemicals, pharmaceutics, herbal supplements and/or other natural/bio resources like stem cells. Other bioprocessing topics may include industrial hygiene, emergency response systems, biomaterials packaging/transporting systems etc. The HPU Bachelor of Science in Biotechnology Engineering is a four year four-year program. HPU Bachelor of Science in Biotechnology Engineering graduates will find employment in bioenvironmental or bioprocess engineering positions, within sectors such as agriculture, environmental, healthcare, food manufacturing, and pharmaceutical industries.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

The Bachelor of Science in Biotechnology Engineering seeks to produce Graduates who will:

1. *Understand and apply a core of fundamental engineering, mathematical, and science-based operational skills to real-world problems and challenges, with creativity, innovation and professional responsibility.*
2. *Apply a problem-solving approach to actively and effectively engage in engineering practice, or in the pursuit of other fields such as mathematics, science, law, medicine, computer science, or business.*
3. *Actively seek professional positions of technical prowess and leadership within Industry and the community.*
4. *Serve as engineering ambassadors in the community by conforming to the highest ethical and professional standards, continuing professional skill development and actively participating in the learning and development of those they are supervising and their peers.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (55 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
BIOL	2050	General Biology I
BIOL	2051	General Biology I Lab
BIOL	2052	General Biology II
BIOL	2053	General Biology II Lab
CHEM	2030	Introduction to Organic Chemistry and Biochemistry
CHEM	2050	General Chemistry I *(The Natural World)*
CHEM	2051	General Chemistry I Lab
CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Lab
CSCI	2911	Computer Science I
CSCI	2916	Computer Science I Lab
ENGE	1000	Introduction to Engineering Systems and Professional Practice *(Technology & Innovation)*
ENGE	2000	Linear Circuits & Systems
ENGE	2001	Linear Circuits & Systems Lab
ENGR	1500	Design Project Experience I
ENGR	2500	Design Project Experience II
ENGT	2100	Biomaterials
ENGT	2101	Biomaterials Lab
ENGT	2200	Bioprocesses
ENGT	2201	Bioprocesses Lab
ENVS	2000	Principles of Environmental Science
MATH	2214	Calculus I *(Quantitative Analysis & Symbolic Reasoning)*
MATH	2215	Calculus II
PHYS	2050	General Physics I
PHYS	2052	General Physics I Lab

UPPER-DIVISION MAJOR REQUIREMENTS (26 CREDITS)

DEPT	COURSE #	TITLE
BIOL	3090	Biometry
BIOL	3170	Cell and Molecular Biology
BIOL	3171	Cell and Molecular Biology Lab
BIOL	4220	Immunology
CHEM	3042	Instrumental Analysis
CHEM	3043	Instrumental Analysis Lab
ENGB	3001	Thermodynamics of Living Systems
ENGR	3500	Engineering Design Project I
ENGR	3501	Engineering Design Project II
ENGT	3002	Analytical Biotechnology for Engineers

CONCENTRATION REQUIREMENT (12 CREDITS)

Select four electives from one of the following concentrations

Bioprocessing Concentration

DEPT	COURSE #	TITLE
ENGB	4001	Transport Phenomena
ENGB	4002	Tissue Engineering
ENGR	4500	Engineering Research
ENGR	4995	Engineering Professional Practice
ENGT	4002	Biomanufacturing
ENGT	4013	Food Processing and Packaging Systems
ENGT	4999	Special Topics in Biotechnology Engineering
ENGR	4999	Special Topics in Engineering

Bioenvironmental Technology Concentration

BIOL	4040	Environmental Microbiology
BIOL	4041	Environmental Microbiology Laboratory
CHEM	4054	Aquatic Chemistry
ENGR	4500	Engineering Research
ENGR	4995	Engineering Professional Practice
ENGR	4999	Special Topics in Engineering
ENGT	4004	Soil Ecology
ENGT	4009	Environmental Systems Analysis for Engineers
ENGT	4010	Waste Treatment and Management
ENGT	4011	Air Quality Management
ENGT	4012	Land Treatment Systems
ENGT	4013	Food Processing and Packaging Systems
ENGT	4999	Special Topics in Biotechnology Engineering

Biotechnology Engineering (BS)

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Business Administration (BS)

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION WITH CONCENTRATION

Major Credits Required: 75 Credits (57 credits in the major core plus 18 credits of required concentration)

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 five concentrations—Accounting, Finance and Economics, General Business, Management, 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 applications 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.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

Students who complete 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.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION BUSINESS REQUIREMENT (30 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
ACCT	2000	Principles of Accounting I
ACCT	2010	Principles of Accounting II
BUS	1000	Introduction to Business
BUS	2500	Mathematics for Business
ECON	2010	Principles of Microeconomics (*Critical Thinking & Expression)*
ECON	2015	Principles of Macroeconomics (*Traditions & Movements that Shape the World)*
MGMT	2000	Principles of Management
MATH	1123	Statistics
MATH	1130	Pre-Calculus I *(Quantitative Analysis & Symbolic Reasoning)*
MIS	2000	Information Tools for Business *(Technology & Innovation)*

UPPER-DIVISION BUSINESS REQUIREMENTS (24 CREDITS)

DEPT	COURSE #	TITLE
COM	3420	Business Communications
ECON	3020	Managerial Economics
FIN	3000	Business Finance
MGMT	3061	Business Law and Ethics
MGMT	3300	International Business Management
MIS	3000	Fundamentals of Information Systems
MKTG	3000	Principles of Marketing

Plus one Internship course (ACCT 3990, ECON 3990, FIN 3990, MGMT 3990, or MKTG 3990)

CAPSTONE REQUIREMENT (3 CREDITS)

DEPT	COURSE #	TITLE
MGMT	4001	Business Policy

CONCENTRATION REQUIREMENT (18 CREDITS)

Students interested in double concentrations or more than one degree program should consult their academic advisor for information and academic planning. For double concentrations, 12 upper division credits taken must be unique to the second concentration. BSBA students (except for those in the accounting concentration) with a declared minor from another college may use one of their minor courses to satisfy the upper division business elective requirement.

Accounting Concentration - On Campus Only

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.

Students are required to take six core courses below:

DEPT	COURSE #	TITLE
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

Finance and Economics Concentration - On Campus Only

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 and economy. In addition, the curriculum encourages an intensive focus on both the application and theory of operations of the capital markets. Finance and Economics graduates are employed by banks, credit unions, brokerage houses, financial institutions, insurance companies, government agencies, and other related organizations.

Students are required to take five core courses below:

DEPT	COURSE #	TITLE
ECON	3100	Introduction to Econometrics
ECON	3300	Money and Banking
ECON	3400	International Trade and Finance
FIN	3200	Personal Finance
FIN	3300	Investments

Plus one upper-division business elective, which may include an internship

General Business Concentration - On Campus and Online

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 six upper-division business electives which may include one or two internships are required for this concentration

Management Concentration - On Campus Only

This concentration provides for the study of business 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 global business management. In order to meet the challenge 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.

Students are required to take five core courses below:

DEPT	COURSE #	TITLE
MGMT	3000	Management and Organization Behavior
MGMT	3110	Production and Operations Management
MGMT	3400	Human Resource Management
MGMT	3440	Organizational Change and Development
MIS	3020	Information Systems Project Management

Plus one upper-division business elective, which may include an internship or a course from the following list:

DEPT	COURSE #	TITLE
HTM	3110	Hotel and Resort Management
HTM	3210	Food and Beverage Management
HTM	3220	Special Events Management
HTM	3610	Travel Industry Marketing
MGMT	3200	Small Business Management
MGMT	3910	Special Topics in Management
MC	3750	Special Events Planning
ARTS	3000	Arts Entrepreneurship

Marketing Concentration - On Campus Only

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 marking function will also be studied.

Students are required to take five core courses below:

DEPT	COURSE #	TITLE
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 one upper-division business elective, which may include an internship or a course from the following list:

DEPT	COURSE #	TITLE
MKTG	3620	Services Marketing
MC	3300	Social Media
MC	3720	Audience Behavior
MC	3730	New Media Strategies & Sales
MC	3910	Special Topics (E-Commerce)

Business Administration (BS)

Sample 4-Year Degree Plan Accounting Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Business Administration (BS)

Sample 4-Year Degree Plan Management Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Business Administration (BS)

Sample 4-Year Degree Plan Marketing Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Chemistry (BS)

BACHELOR OF SCIENCE MAJOR IN CHEMISTRY

Major Credits Required: 63-72 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 biology, environmental and marine sciences, material sciences, engineering, and medicine. Thus, a strong background in chemistry prepares students not only for service directly in the chemical arena (e.g. education, analytical chemistry, chemical engineering, pharmaceutical research, synthesis, quality control, etc.) but also for related disciplines including medicine, pharmacy, biotechnology, environmental sciences, alternative fuels, material sciences, and more. The HPU Bachelor of Science in Chemistry degree 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 other natural sciences. The Pre-Health Professions Concentration trains students with the most current and essential chemistry curriculum while preparing them for entrance into professional schools in medicine, pharmacy, veterinary, and dentistry.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

The Chemistry program learning outcomes are listed below. Graduates will:

1. *Demonstrate an understanding of the basic and foundational chemical principles that provide significant insight into the functioning of the physical world.*
2. *Demonstrate knowledge of key concepts within the core areas of chemistry: analytical, biochemistry, inorganic, organic, and physical.*
3. *Develop expertise in commonly used chemical laboratory methods.*
4. *Demonstrate understanding of the theory and learn to operate a wide variety of advanced chemical instrumentation*
5. *Learn to access and interpret literature in the field of chemistry.*
6. *Critically analyze experimental results.*
7. *Present scientific information orally using visual aids.*
8. *Communicate scientific information in written reports.*
9. *Acquire and statistically analyze quantitative data.*
10. *Solve chemical problems quantitatively.*

Requirements

GENERAL EDUCATION COURSES

CONVENTIONAL CONCENTRATION

LOWER-DIVISION MAJOR REQUIREMENTS (22 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
CHEM	2050	General Chemistry I *(The Natural World)*
CHEM	2051	General Chemistry I Laboratory
CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Laboratory
MATH	2214	Calculus I *(Quantitative Analysis & Symbolic Reasoning)*
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 (38 CREDITS)

DEPT	COURSE #	TITLE
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	4900	Research Fundamentals
CHEM	4901	Senior Research
CHEM	4030	Biochemistry I
CHEM	4031	Biochemistry I Laboratory
CHEM	4910	Senior Seminar

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 MAJOR REQUIREMENTS (32 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
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 *(The Natural World)*
CHEM	2051	General Chemistry I Laboratory
CHEM	2052	General Chemistry II
CHEM	2053	General Chemistry II Laboratory
MATH	2214	Calculus I *(Quantitative Analysis & Symbolic Reasoning)*
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)

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
BIOL	3034	Human Physiology
BIOL	3036	Human Anatomy
BIOL	3050	Genetics
BIOL	3170	Cell and Molecular Biology

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).

Chemistry (BS)

Sample 4-Year Degree Plan Conventional Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Chemistry (BS)

Sample 4-Year Degree Plan Pre-Health Professions Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Cinematic Multimedia Arts (BA)

BACHELOR OF ARTS MAJOR IN CINEMATIC MULTIMEDIA ARTS

Major Credits Required: 66-71 Credits

The BA in Cinematic Multimedia Arts degree with concentrations in Cinematic Multimedia Production and Animation and Multimedia Design allows students to develop technical, design, and narrative skills in a wide range of cinematic and multimedia disciplines including cinematic production, scriptwriting, animation, motion graphics, nonlinear editing, audio production, web design, graphic design, game design and critical media analysis. Students engage in multicultural experiential learning across multiple platforms and digital technologies, and in a transdisciplinary, collaborative environment. Students in the concentration in Cinematic Multimedia Production prepare to work and produce in the audio-visual, mass media, information, and entertainment industries. In this program, students can choose a capstone project focusing on creative cinematic narrative production, animation, or 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. Students in the concentration in Animation and Multimedia Design prepare to work and produce in the online, mass media, information, and entertainment industries. In this program, students develop motion graphics, animation, and digital design skills while creating mixed media portfolios and capstone projects. The applied audio-visual, graphical, and online skills that students learn are informed by a foundation in digital software skills, writing, critical analysis and creative development.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

Students who major in Cinematic Multimedia Arts will:

1. *Acquire the technical and creative multimedia skills to produce effective graphical, performative and audio-visual artifacts (Cinematic Multimedia Production Concentration) or Acquire the technical and creative multimedia skills to produce and deploy effective graphical and audio-visual artifacts and online content, including motion graphics and animation (Animation and Multimedia Design Concentration).*
2. *Gain skills in creating and distributing multimedia messages via online and emerging technologies (Cinematic Multimedia Production Concentration) or Gain skills in creating and distributing multimedia and animation content via online and emerging technologies. (Animation and Multimedia Design Concentrations)*
3. *Acquire and demonstrate knowledge of the technological development and history of cinematic production and contemporary electronic media systems (Cinematic Multimedia Production Concentration) or Acquire and demonstrate knowledge of the technological development and history of contemporary electronic media systems (Animation and Multimedia Design Concentration).*
4. *Demonstrate the ability to communication effectively to targeted and mass audiences through media creation and/or interaction.*
5. *Develop and understanding of the local and global influence of electronic media and the ethical and legal responsibilities of media practitioners.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (27 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
COM	2000	Public Speaking *(Critical Thinking and Expression)*
MC	2100	Mass Communication Research *(Quantitative Analysis and Symbolic Reasoning)*
MC	2200	First Amendment and Intellectual Property Law
MULT	1100	Foundations of Multimedia Production *(Technology and Innovation)**
MULT	2000	Global Cinema Studies *(Global Crossroad and Diversity)*
MULT	2060	Global Media Studios
MULT	2460	Graphic Design Studio
MULT	2465	Motion Picture Production
MULT	2485	Animation Production and Design

*Cinematic Multimedia Production students only may substitute MULT 1050 Point, Shoot, and Edit

LOWER-DIVISION LANGUAGE REQUIREMENTS (6-8 CREDITS)

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

UPPER-DIVISION MAJOR REQUIREMENTS (21 CREDITS)

Take all of the following:

DEPT	COURSE #	TITLE
MULT	3475	Web Interface and Design
MULT	3510	Nonlinear Audio-Visual Editing
MULT	3700	Audio Production
MULT	3750	Motion Graphics and Compositing
MULT	3780	Global Documentary
MULT	4900	Multimedia Seminar (Capstone)
WRI	3320	Scriptwriting

CONCENTRATION REQUIREMENTS FOR CINEMATIC MULTIMEDIA PRODUCTION (15 CREDITS)

Core Requirements (9 Credits)

DEPT	COURSE #	TITLE
THEA	2320	Basic Acting for Stage and Screen
MULT	3500	Cinematography Workshop
MULT	3600	Creative Narrative Production

Restricted Elective Requirements (6 Credits)

Two courses chosen from:

DEPT	COURSE #	TITLE
ARTH	3711	Superheroes in Manga and Anime
COM	3260	Film as Communication
COM	3270	Film Genre
COM	3440	Advanced Public Speaking
COM	3950	Communication Practicum
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	3300	Theoretical Perspectives: On Video Games
ENG	3330	Film Theory and Criticism
ENG	3350	Literature Adapted to Screen
MULT	3770	3D Animation Studio
MULT	3785	Animation Storytelling
MULT	3910	Selected Topics in Multimedia
MULT	4590	Feature Film Screenwriting
MC	3120	Writing for Digital Media
MC	3740	Crisis Communication
MC	3750	Special Events Planning
MC	3900	Writing for Kalamalama or WRI 3951 Staff Reader HPR*

*Both of these courses are one credit and repeatable. The student can apply three credits from these two courses in any combination to satisfy one of the two restricted electives.

CONCENTRATION REQUIREMENTS FOR ANIMATION AND MULTIMEDIA DESIGN (12 CREDITS)

Core Requirements (9 Credits)

DEPT	COURSE #	TITLE
MULT	3651	Game Design
MULT	3770	3D Animation Studio
MULT	3785	Animation Storytelling

Restricted Elective Requirements (3 Credits)

One course chosen from:

DEPT	COURSE #	TITLE
ARTH	3711	Superheroes in Manga and Anime
COM	3260	Film as Communication
COM	3270	Film Genre
COM	3440	Advanced Public Speaking
COM	3950	Communication Practicum
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	3300	Theoretical Perspectives: On Video Games
ENG	3330	Film Theory and Criticism
ENG	3350	Literature Adapted to Screen
MULT	3910	Selected Topics in Multimedia
MULT	4590	Feature Film Screenwriting
MC	3120	Writing for Digital Media
MC	3300	Social Media
MC	3740	Crisis Communication
MC	3750	Special Events Planning
MC	3900	Writing for Kalamalama or WRI 3951 Staff Reader HPR*

*Both of these courses are one credit and repeatable. The student can apply three credits from these two courses in any combination to satisfy one of the two restricted electives.

Cinematic Multimedia Arts (BA)

Sample 4-Year Degree Plan Animation and Multimedia Design Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Cinematic Multimedia Arts (BA)

Sample 4-Year Degree Plan Cinematic Multimedia Production Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Communication Studies and Practices (BA)

BACHELOR OF ARTS MAJOR: COMMUNICATION STUDIES AND PRACTICES

Major Credits Required: 54-56 Credits

The Communication Studies and Practices 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. The Department of Communication and Media seeks to create an integrated environment for the study and production of communication and media content in both personal and commercial use. Our students study how to communicate effectively, ethically, across multiple platforms and with people from diverse backgrounds. The program provides a rigorous curriculum in a stimulating environment that addresses the history, theories, mechanisms and techniques of communication.

Communication focuses on how people use messages to generate meaning in various contexts, cultures, channels and media. Known as "rhetoric" in the Western academic tradition, communication pedagogy has been a central concern of Greek, Roman, Medieval, Renaissance, Asian, Indigenous and modern culture. Today, the study and applications of communication embraces the Internet, e-commerce, mobile communications, global diplomacy, advertising, public relations, journalism, broadcasting, intercultural and interpersonal communication, as well as public speaking, digital mechanisms and media studies.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

Students who major in Communication Studies and Practices will:

1. *Demonstrate proficient academic writing skill, including careful control of Standard Written English and the ability to effectively, clearly, and persuasively communicate perspective and analysis*
2. *Demonstrate oral communication competency in a variety of contexts.*
3. *Be able to both identify and articulate information needs, and to deploy the most appropriate materials and strategies to ethically address those needs*
4. *Demonstrate skills in quantitative analyses, being able to interpret, compute, and utilize statistics*

Students who major in Communication Studies and Practices with a concentration in Communication Studies will also:

1. *Demonstrate understanding of Communication theories and the ability to apply them to communication situations and media artifacts*

Students who major in Communication Studies and Practices with a concentration in Strategic Communication will also:

1. *Build integrated strategic communication programs in business, professional, and social environments, including; research and planning, rationale, and campaign implementation techniques.*
2. *Produce a professional, entry-level Strategic Communication portfolio*
3. *Apply First Amendment, copyright, contract laws in Strategic Communication situations*
4. *Build a foundation for lifelong learning and advanced education in Strategic Communication*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (9 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
COM	2000	Public Speaking *(Critical Thinking and Expression)*
MC	2100	Mass Communication Research (*Quantitative Analysis & Symbolic Reasoning*)
MC	2200	First Amendment and Intellectual Property Law

LOWER-DIVISION LANGUAGE REQUIREMENTS (6-8 SEMESTER CREDITS)

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

UPPER-DIVISION MAJOR REQUIREMENTS (12 CREDITS)

Take both of the following:

DEPT	COURSE #	TITLE
COM	3950	Communication Practicum
MC	3300	Social Media

Take a total of 6 credits in Upper Division course from COM, MC, MULT, or WRI not already counted above or in the concentration.

REQUIRED CONCENTRATION

Choose one of the following concentrations:

I. COMMUNICATION STUDIES CONCENTRATION (27 CREDITS)

LOWER-DIVISION REQUIREMENTS (9 CREDITS)

DEPT	COURSE #	TITLE
COM	1000	Introduction to Communication Skills
COM	2640	Argumentation and Debate
MULT	1050	Point, Shoot, Edit **or** MULT 1100 Foundations of Multimedia Productions (*Technology and Innovation*)

UPPER-DIVISION REQUIREMENTS (15 CREDITS)

DEPT	COURSE #	TITLE
COM	3000	Mass Media
COM	3300	Intercultural Communication
COM	3320	Persuasion
COM COM	3440 3641	Advanced Public Speaking or Argumentation and Debate Practicum
COM	3900	Communication Theory

CAPSTONE REQUIREMENT (3 CREDITS)

DEPT	COURSE #	TITLE
COM	4900	Communication Seminar

II. STRATEGIC COMMUNICATION CONCENTRATION (27 CREDITS)

LOWER-DIVISION REQUIREMENTS (9 CREDITS)

DEPT	COURSE #	TITLE
MC	1000	Mass Media Today
MULT	1100	Foundations of Multimedia Production (*Technology and Innovation*)
MULT	2460	Graphic Design Studio

UPPER-DIVISION REQUIREMENTS (15 CREDITS)

DEPT	COURSE #	TITLE
MC	3700	Creativity & Copywriting
MC	3720	Audience Behavior
MC	3730	New Media Strategies and Sales
MC MC	3740 3910	Crisis Communication or Special Topics in Mass Communication
MC	3750	Special Events Planning

CAPSTONE REQUIREMENT (3 CREDITS)

DEPT	COURSE #	TITLE
MC	4900	Capstone Experience

Communication Studies and Practices (BA)

Sample 4-Year Degree Plan Communication Studies Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Communication Studies and Practices (BA)

Sample 4-Year Degree Plan Strategic Communication Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Computer Science (BS)

BACHELOR OF SCIENCE MAJOR IN COMPUTER SCIENCE

Major Credits Required: 72-81 Credits

The Computer Science major meets the high standards set forth by the professional organizations ACM (Association for Computing Machinery—www.acm.org) and IEEE (the Institute of Electrical and Electronics Engineers—www.ieee.org). The range of courses offered includes foundational core courses and advanced, exciting and contemporary elective courses. In the senior capstone project, students apply the skills and knowledge they have acquired throughout the program to address 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 to pursue further graduate studies.

A BSCS with a concentration in Cybersecurity offers a focused area of study. The foundation for the concentration is set by courses already part of the major: assembly programming computer architecture, operating systems, data communications, and databases. Additionally, four upper-level electives relevant to the cybersecurity field must be chosen.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

Students who major in Computer Science will:

1. *Analyze complex computing problems and apply principles of computing and other relevant disciplines to identify and recommend solutions.*
2. *Design, implement, and evaluate computer-based solutions to meet a given set of computing requirements in the context of computing science*
3. *Communicate effectively in written and oral format in a variety of professional contexts.*
4. *Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.*
5. *Function effectively as a member or leader of a team engaged in activities appropriate to computing science.*
6. *Apply computer science theory and software development fundamentals to produce computing-based solutions.*
7. *Interpret, calculate, analyze, and clearly communicate quantitative information using mathematical, statistical, or symbolic reasoning to solve complex problems.*

With the achievement of these outcomes, we expect our students, within a few years of graduation, to be able to:

- *Engage in the productive practice of computer science to solve problems in a range of applications by applying sound principles of theoretical foundations and mathematical bases and communicate these solutions professionally.*
- *Adapt to new technologies, tools and methodologies of computer science practice in the profession and in the academic field.*
- *Meet or exceed the expectations of their employers and professional mentors as computer science professionals.*
- *Utilize their computer science expertise in the work place to advance their careers or pursue advanced academic studies.*

Requirements

GENERAL EDUCATION COURSES

PREREQUISITE COURSES (0-9 CREDITS):

An introductory programing class:

DEPT	COURSE #	TITLE
CSCI	1911	Foundations of Programming **or**
CSCI	1611	A Gentle Introduction to Programming

Pre-Calculus:

DEPT	COURSE #	TITLE
MATH	1130	Pre-Calculus I **and** MATH 1140 Pre-Calculus II **or**
MATH	1150	Pre-Calculus I & II Accelerated

LOWER-DIVISION MAJOR REQUIREMENTS (22 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
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	2214	Calculus I (*General Education: Quantitative Analysis & Symbolic Reasoning)*
MATH	2215	Calculus II
One course in Statistics from: MATH 1123, or PSY 2100, or MATH 3470		

EXPERIMENTAL LAB SCIENCE REQUIREMENTS (8 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:

DEPT	COURSE #	TITLE
BIOL	2050+2051	General Biology I+Lab
BIOL	2052+2053	General Biology II+Lab
BIOL	3020+3021	Plant Biology+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 *(General Education: Natural World)*
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	3000+3001	General Oceanography+Lab
MARS	3002+3003	Ocean Biology+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)

DEPT	COURSE #	TITLE
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

AND (complete one option)

1. UPPER-DIVISION BREADTH ELECTIVES

Plus three additional upper-division CSCI courses

Plus one additional upper-division MATH course

OR

2. CYBERSECURITY CONCENTRATION

For the additional three upper-division CSCI courses, students must take:

DEPT	COURSE #	TITLE
CSCI	3640	Computer Security and Information Assurance

And at least two from this list:

DEPT	COURSE #	TITLE
CSCI	3611	Unix Systems Administration
CSCI	3621	Networking
CSCI	4620	Computer System Forensics
CSCI	4640	Advanced Topics in Cybersecurity

For the additional upper-division MATH course, student must take:

DEPT	COURSE #	TITLE
MATH	3234	Mathematical Cryptology

CAPSTONE SEQUENCE NOTE

The two-semester of CSCI 3911 followed by CSCI 4911 should be taken in the final two semesters of a student's program. By arrangement with the instructor, CSCI 4911 could precede CSCI 3911 if the scheduled sequence is in conflict with a student's planned graduation date. For students in the Cybersecurity concentration, their capstone project must be within the cybersecurity domain.

Computer Science (BS)

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Criminal Justice (BS)

BACHELOR OF SCIENCE MAJOR IN CRIMINAL JUSTICE

Major Credits Required: 63 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 practice-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.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES:

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.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (21 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
CJ	1000	Violence in American Society
CJ	1050	Introduction to Criminal Justice
CJ	1500	Introduction to Cybersecurity
CJ	2050	Basic Criminology
CJ	2060	Justice Systems
PADM	1000	Introduction to Leadership in America *(The American Experience)*
PSY	1000	Introduction to Psychology *(Critical Thinking & Expression)*

LOWER-DIVISION ELECTIVE REQUIREMENTS (6 CREDITS)

Plus any two of the following:

DEPT	COURSE #	TITLE
HMLD	2000	Disaster Preparedness and Response
PSCI	1400	American Politics *(The American Experience)*
SOC	1000	Introduction to Sociology
SOC	2000	Social Problems and Policy

UPPER-DIVISION MAJOR REQUIREMENTS (21 CREDITS)

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
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	3540	Women, Minorities, and Justice
CJ	3560	Family Violence
CJ	3600	Special Topics
CJ	3973	Criminalistics and the Investigation of Injury and Death
CJ	3974	Forensic Science Experiential Learning
LAW	3410	Constitutional Law

CAPSTONE (3 CREDITS)

DEPT	COURSE #	TITLE
CJ	4900	Seminar in Criminal Justice

Criminal Justice (BS)

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Cybersecurity (BS)

BACHELOR OF SCIENCE MAJOR IN CYBERSECURITY

Major Credits Required: 67 Credits

This major is designed to prepare students for careers in the growing cybersecurity industry and is based on the Association for Computing Machinery (ACM) curriculum guidelines that recognizes cybersecurity as a new computing discipline. The degree focuses on integrating scientific theories and practical training to develop programs and applications, to innovate in scientific research, and to provide the required security services to individuals in government, military, private, and public sectors. Students get instruction in the core of information that can lead to industry standard certifications.

PROGRAM LEARNING OUTCOMES

Students who earn the Bachelor of Science in Cybersecurity will:

1. Describe and implement the cybersecurity thought model with regards to confidentiality, integrity, availability, risk, adversarial thinking, and systems thinking. Critical Thinking exercise
2. Develop solutions for all aspects of cybersecurity knowledge areas of data, software, component, connection, system, human, and organizational security. Written communication
3. Gather evidence and plan an appropriate response to a cybersecurity attack on a system or organization
4. Communicate appropriate written and oral communication of technology concepts to a wide audience effectively in a variety of professional contests including client presentations
5. Analyze and describe the local and global impact of cybersecurity on individuals, organizations and society focusing on professional, ethical, legal, security, and social issues and responsibilities relating to computing.
6. Apply algorithmic principles, cryptography, and computing theory in the modeling and design of security solutions for software or system architecture.

Cybersecurity (BS)

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (34 SEMESTER CREDITS)

DEPT	COURSE #	TITLE
CYBS	1000	Cybersecurity Fundamentals
CYBS	2203	Secure Programming
CYBS	2210	CompTIA A+
CYBS	2220	CompTIA Network+
CYBS	2230	CompTIA Security+
CYBS	2240	CISCO Cybersecurity Operations
CSCI	2911	Computer Science I
CSCI	2916	Computer Science I Lab
CSCI	2761	HTML, CSS and Web Design

And any three of the following (9 Credits):

DEPT	COURSE #	TITLE
CJ	1500	Introduction to Cybersecurity
CSCI	1061	Mobile Technologies for the 21st Century *(Technology and Innovation)*
CSCI	1611	A Gentle Introduction to Programming *(Technology and Innovation)*
CSCI	1911	Foundations of Programming
CSCI	2301	Discrete Mathematics for Computer Science
CSCI	2912	Computer Science II
CYBS	2201	Fundamentals of Cybersecurity
CYBS	2202	Fundamentals of Network Security
MATH	1123	Statistics (*Quantitative Analysis and Symbolic Reasoning*)
MIS	2000	Information Tools for Business *(Technology and Innovation)*

UPPER-DIVISION MAJOR REQUIREMENTS (21 SEMESTER CREDITS)

DEPT	COURSE #	TITLE
CSCI	3301	Database Technologies
CSCI	3640	Computer Security & Information Assurance
CYBS	3620	Computer Systems Forensics
CYBS	3250	Cloud+ Security
CYBS	3300	Windows and Linux Server Security
CYBS	3500	Secure Web Application Development
LAW	3720	Cybersecurity Laws, Ethics, and Compliance

UPPER-DIVISION ELECTIVE REQUIREMENTS (9 SEMESTER CREDITS)

Three additional upper-division courses chosen from:

DEPT	COURSE #	TITLE
CSCI	3211	Systems Analysis
CYBS	3070	IT Systems Architecture
CYBS	3030	Programming for Cybersecurity
CYBS	3350	Hackathon
CYBS	3600	Database Administration
CYBS	3750	Ethical Hacking
CYBS	3990	Internship
CYBS	3998	Special Topics in Cybersecurity

CAPSTONE (9 SEMESTER CREDITS)

DEPT	COURSE #	TITLE
CYBS	4900	Seminar in Cybersecurity

Diplomacy and Military Studies (BS)

BACHELOR OF SCIENCE MAJOR IN DIPLOMACY AND MILITARY STUDIES

Major Credits Required: 60-62 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 history, political science, and international relations. These disciplines provide both the historical background to and the current application of diplomatic and military affairs. Learning these various disciplinary approaches and methodologies gives students historical, ethical, contemporary, and practical perspectives on politico-military affairs as well as a better understanding of the role of the military as an institution within society. History courses examine the role of the military in the context of "war and society". They not only look at the development of the military strategy and tactics but also ask questions regarding the relationship of the military establishment to social and technological change as well as the relationship between diplomacy and the use of force. The political science courses view the military in the context of political institutions and the relations n states. The Diplomacy and Military Studies major thus develops the skills, and knowledgebase that will serve as preparation for a career as a leader, whether in today's military, in government service, or in the private sector. Those same skills and knowledge also provide a foundation for pursuing a graduate degree in history, political science, international relations, or law.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

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. *Be prepared to undertake graduate study in history, political science, international relations, and related fields.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (15 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

Take one of the following (3 credits):

DEPT	COURSE #	TITLE
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 (3 credits):

DEPT	COURSE #	TITLE
HIST	1002	Global Crossroads: 1500-Present *(Global Crossroads & Diversity)*
HIST	1402	Introduction to American History since 1865 *(American Experience)*

Take all of the following (9 credits):

DEPT	COURSE #	TITLE
HIST	2900	The Historian's Craft
INTR	1000	The International System *(Global Crossroads & Diversity)*
PSCI	2000	Introduction to Politics *(Traditions & Movements)*

LOWER-DIVISION LANGUAGE REQUIREMENTS (3-4 CREDITS)

One semester of language, or demonstrated proficiency at first-semester level of an approved language.

UPPER-DIVISION MAJOR REQUIREMENTS (24 CREDITS)

Take all of the following:

DEPT	COURSE #	TITLE
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 **or** HIST 4961 Seminar in Military History
INTR	3000	International Relations
INTR	3200	National and International Security **or** PSCI 3500 Comparative Politics
PSCI	3412	American Foreign Policy

UPPER-DIVISION MAJOR ELECTIVES (15-16 CREDITS)

Choose one of the following options:

I. For students not in the ROTC program, take the following 5 courses (15 credits):

DEPT	COURSE #	
HIST	Any 3000- or 4000-level course	
INTR	Any 3000- or 4000-level course	
PSCI	Any 3000- or 4000-level course	
HIST OR INTR OR PSCI	Any 3000- or 4000-level course	
HIST OR INTR OR PSCI	Any 3000- or 4000-level course	

Note: courses already taken as Major Requirements cannot be double counted as Major Electives.

II. For students in the ROTC program, take the following 16 credits:

DEPT	COURSE #	TITLE
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

CAPSTONE REQUIREMENT (3 CREDITS)

Take any one of the following:

DEPT	COURSE #	TITLE
HIST	4900	Seminar in History
PSCI	4900	Senior Seminar
INTR	4900	Senior Seminar

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

East-West Humanities (BA)

BACHELOR OF ARTS MAJOR IN EAST-WEST HUMANITIES

Major Credits Required: 54-56 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.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

Students who major in East-West Humanities will

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 Leaning:*** *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.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (15 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

Take:

DEPT	COURSE #	TITLE
CLST	1000	Great Books, East and West *(Traditions & Movements that Shape the World)*

Arts (3 credits)—*Choose one of the following:*

DEPT	COURSE #	TITLE
ARTS	1000	Introduction to Visual Art *(Creative Arts)*
ARTS	2150	Introduction to Design *(Creative Arts)*
MUS	1000	Introduction to Classical Music *(Creative Arts)*
MUS	2101	Music in World Culture *(Creative Arts)*
THEA	2320	Acting I: Basic Acting for Stage and Screen *(Creative Arts)*

History & Literature (3 credits)—*Choose one of the following:*

DEPT	COURSE #	TITLE
ENG	1101	Representations of Pacific Life *(Hawai'i & the Pacific)*
ENG	2500	World Literature *(Traditions & Movements that Shape the World)*
HIST	1001	Traditions & Encounters: World Cultures to 1500 *(Traditions & Movements that Shape the World)*
HIST	1002	Global Crossroads: 1500–Present *(Global Crossroads & Diversification)*
HIST	1558	Living History of Hawai'i *(Hawai'i & the Pacific)*
HIST	1717	Reacting to the Past

Art History, Philosophy, and Religious Studies (6 credits)—*Choose two of the following (must be from different alphas):*

DEPT	COURSE #	TITLE
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 (6-8 CREDITS)

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

UPPER-DIVISION MAJOR REQUIREMENTS (33 CREDITS)

Take:

DEPT	COURSE #	TITLE
HUM	3900	Research and Writing in the Humanities

One of the following courses with a Western focus:

DEPT	COURSE #	TITLE
ARTH	3206	Renaissance to Modern Art
CLST	3030	Ancient Drama
CLST	3100	Gender in Classical Greek 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	Gender in the Bible

One of the following courses with an Asian focus:

DEPT	COURSE #	TITLE
ARTH	3301	Art of China
ARTH	3321	Art of Japan
ARTH	3351	Art of India and South East Asia
ENG	3135	Japanese 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:

DEPT	COURSE #	TITLE
ANTH	3500	Appreciating Pacific Worlds
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:

DEPT	COURSE #	TITLE
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 Requirement (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 Requirement (3 credits):

Take:

DEPT	COURSE #	TITLE
HUM	4900	Interdisciplinary Seminar and Integrative Project

East-West Humanities (BA)

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Electrical Engineering (BS)

BACHELOR OF SCIENCE MAJOR IN ELECTRICAL ENGINEERING

Major Credits Required: 83 Credits

The Bachelor of Science in Electrical Engineering degree at HPU involves the application of engineering principles to electrical systems and devices for purposes of diagnostics, maintenance, innovation or design, development, testing and commissioning with core expertise in electrical circuits, signals and systems, control and microcontroller systems, electronics, digital hardware, communications technology, embedded systems, and power. Students apply fundamentals in topics of electricity, electromagnetism and electronics to proceed toward specialization in advanced topics, such as computer architecture, network engineering, renewable energy, robotics and automation, intelligent control, image and audio processing, and modeling of engineering process-based systems. The HPU Bachelor of Science in Electrical Engineering is a 4 year program, offering students an option to focus in Sustainability for attainment of a Concentration in Engineering Sustainability, or a Concentration in Computer Engineering. HPU Bachelor of Science in Electrical Engineering graduates will find employment in a wide expanse of industries, such as heavy industry and manufacturing, government roles, consultancy firms in engineering and business, instrumentation, and many other areas such as aviation, robotics, building and construction, healthcare, hospitality and military.

Students require a minimum of 120 credit hours to graduate with a Bachelor's degree in each of the four year programs. Students undertaking Electrical Engineering with a Concentration in Engineering Sustainability require selection of subjects and a minimum of 21 credit hours in Engineering Sustainability (refer to the approved list of elective courses for a Concentration in Engineering Sustainability). Students undertaking Electrical Engineering with a Concentration in Computer Engineering require major electives selected from the approved list of major elective courses for the Computer Engineering Concentration.

PROGRAM LEARNING OUTCOMES

The Bachelor of Science in Electrical Engineering seeks to produce graduates who will have:

1. *An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics*
2. *An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors*
3. *An ability to communicate effectively with a range of audiences*
4. *An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgements, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts*
5. *An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives*
6. *An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgement to draw conclusions*
7. *An ability to acquire and apply new knowledge as needed, using appropriate learning strategies*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (45 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
CHEM	2050	General Chemistry I *(The Natural World)*
CHEM	2051	General Chemistry I Lab
CSCI	2911	Computer Science I
CSCI	2912	Computer Science II
CSCI	2916	Computer Science Lab I
ENGE	1000	Introduction to Engineering Systems and Professional Practice *(Technology & Innovation)*
ENGE	2000	Linear Circuits and Systems
ENGE	2001	Linear Circuits and Systems Lab
ENGE	2004	Digital Hardware
ENGE	2005	Digital Hardware Lab
ENGE	2006	Electronics
ENGE	2007	Electronics Lab
ENGR	1500	Design Project Experience I
ENGR	2500	Design Project Experience II
MATH	2214	Calculus I *(Quantitative Analysis & Symbolic Reasoning)*
MATH	2215	Calculus II
MATH	2216	Calculus III
PHYS	2050	General Physics I
PHYS	2051	General Physics I Lab

Plus One Elective + Lab from the following list (4 Credits)

DEPT	COURSE #	TITLE
BIOL	2050 + 2051	General Biology I + Lab
CHEM	2052 + 2053	General Chemistry II + Lab
ENVS	2000 + 2001	Principles of Environmental Science + Lab
PHYS	2052 + 2053	General Physics II + Lab

UPPER-DIVISION MAJOR REQUIREMENTS (26 CREDITS)

DEPT	COURSE #	TITLE
ENGE	3000	Signals & Systems
ENGE	3001	Signals & Systems Lab
ENGE	3006	Electromagnetics
ENGE	3007	Control Systems
ENGE	3008	Control Systems Lab
ENGR	3500	Engineering Design Project I
ENGR	3501	Engineering Design Project II
MATH	3305	Linear Algebra
MATH	3307	Differential Equations
MATH	3407	Applied Statistics

UPPER-DIVISION MAJOR ELECTIVES (12 CREDITS)

Plus four Electives from one of the following groups: (12 Credits)

Engineering Sustainability Concentration

DEPT	COURSE #	TITLE
ENGE	4010	Power Systems Analysis and Design
ENGE	4999	Special Topics in Electrical Engineering
ENGR	3990	Internship
ENGR	4500	Engineering Research (max 9 credits)
ENGR	4999	Special Topics in Engineering
ENVS	3000	Sustainability and the Environment
ENVS	3200	Photovoltaic Systems Design
ENVS	4040	Sustainable Building Science
ENVS	4300	Advanced Photovoltaic Systems Design

Computer Engineering Concentration

DEPT	COURSE #	TITLE
CSCI	3001	Assembly Language & Systems Programming
CSCI	3242	Modelling and Simulation
CSCI	3302	Machine Learning and Knowledge Discovery
CSCI	3401	Data Communications
CSCI	3501	Computer Organization
CSCI	3601	Operating Systems
CSCI	3731	Problem Solving and Programming Using C++
CSCI	3911	Software Engineering
CSCI	4911	Software Project I
CSCI	4997	Directed Readings in Computer Science
ENGE	4999	Special Topics in Electrical Engineering
ENGR	3990	Internship
ENGR	4500	Engineering Research (max 9 credits)
ENGR	4999	Special Topics in Engineering

BS in Electrical Engineering: (Non-Concentration) Electives

DEPT	COURSE #	TITLE
ENGE	4007	Robotics and Automation
ENGE	4008	Intelligent Control
ENGE	4009	Image Processing
ENGE	4010	Power Systems Analysis and Design
ENGE	4998	Special Topics in Sensor Technologies
ENGE	4999	Special Topics in Electrical Engineering
ENGR	3990	Internship
ENGR	4500	Engineering Research (max 9 credits)
ENGR	4999	Special Topics in Engineering

CSCI Upper Division (*restricted to one course maximum*)

Electrical Engineering (BS)

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Elementary Education (BA)

BACHELOR OF ARTS IN ELEMENTARY EDUCATION

Major Credits Required: 63-65 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 members, 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.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

Students who complete the Bachelor of Arts 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.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MODERN LANGUAGE REQUIREMENTS (6-8 CREDITS)

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

UPPER-DIVISION MAJOR REQUIREMENTS (57 CREDITS)

DEPT	COURSE #	TITLE
ED	3000	Foundations of American Education
ED	3100	Child and Adolescent Development for Educators
ED	3120	Educational Psychology for Elementary Education
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 I: Reading, Writing and Oral Communication
ED	3421	Language Arts II: Reading, Writing and Oral Communication
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

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

English (BA)

BACHELOR OF ARTS MAJOR IN ENGLISH

Major Credits Required: 55-57 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.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

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.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (9 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
AL	2000	Introduction to Linguistics *(Global Crossroads & Diversity)*
ENG	2100	Reading Literature, Film, and Culture *(Critical Thinking & Expression)*
ENG	2500	World Literature *(Traditions & Movements that Shape the World)*

LOWER-DIVISION LANGUAGE REQUIREMENTS (6-8 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 Literary Traditions (6 credits)—*Choose two courses from the following:*

DEPT	COURSE #	TITLE
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:*

DEPT	COURSE #	TITLE
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	20th 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:*

DEPT	COURSE #	TITLE
WRI	3310	Poetry Workshop
WRI	3320	Scriptwriting
WRI	3330	Fiction Writing Workshop
WRI	3340	Creative Nonfiction Writing Workshop
WRI	3391	Wanderlust: Student Literary Magazine
WRI	3420	Grant Writing
WRI	3510	Composition Studies
WRI	3930	Fresh Perspectives
WRI	3951	Staff Reader, Hawai'i Pacific Review
WRI	3953	Managing Editor, Hawai'i Pacific Review
WRI	3990	Internship
WRI	4990	Advanced Writing Revision Workshop

Research Writing Requirement (3 credits)

DEPT	COURSE #	TITLE
HUM	3900	Research and Writing in the Humanities

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 spring of the third and fourth year.

DEPT	COURSE #	TITLE
ENG	4910	English Major Portfolio Capstone (1 credit)

Plus any two of the following:

DEPT	COURSE #	TITLE
ENG	4100	Shakespeare Seminar
ENG	4120	Seminar in Modernism
ENG	4300	Seminar in Textual Criticism
ENG	4320	Seminar on Postcolonial Literature

Hawai'i Pacific University

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Environmental Science (BS)

BACHELOR OF SCIENCE MAJOR IN ENVIRONMENTAL SCIENCE

Major Credits Required: 67 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.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

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.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (41 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
BIOL	2050	General Biology
BIOL	2051	General Biology I Laboratory
BIOL	2052	General Biology II
BIOL	2053	General Biology II Laboratory
CHEM	2050	General Chemistry I *(The Natural World)*
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 *(Quantitative Analysis & Symbolic Reasoning)*
MATH	2215	Calculus II **or** MATH 3305 Linear Algebra **or** BIOL 3090 Biometry*

**Students planning on graduate studies should take MATH 2215 Calculus II.*

Choose one of the following:

DEPT	COURSE #	TITLE
ECON	2010	Principles of Microeconomics *(Critical Thinking & Expression)*
ECON	2015	Principles of Macroeconomics *(Traditions & Movements that Shape the World)*

Complete one of the following series:

College Physics Series:

DEPT	COURSE #	TITLE
PHYS	2030	College Physics I
PHYS	2031	College Physics I Laboratory

Or

General Physics Series:

DEPT	COURSE #	TITLE
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).

UPPER-DIVISION MAJOR REQUIREMENTS (26 CREDITS)

DEPT	COURSE #	TITLE
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	3400	Hydrology and Water Resources or ENVS 3600 Natural Resource Management
ENVS	4000	Methods of Environmental Science
ENVS	4001	Methods of Environmental Science Laboratory
ENVS	4400	Environmental Science Seminar

Environmental Science (BS)

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Environmental Studies (BA)

BACHELOR OF ARTS MAJOR IN ENVIRONMENTAL STUDIES

Major Credits Required: 57 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.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

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.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (26 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
BIOL	1500	Conservation Biology or ENVS 1030 Tropical Biology and Sustainability *(The Sustainable World)*
CHEM	1020	Introduction to Chemistry and the Environment
CHEM	1021	Introduction to Chemistry and the Environment Laboratory
ECON	2010	Principles of Microeconomics *(Critical Thinking & Expression)*
ECON	2015	Principles of Macroeconomics *(Traditions & Movements that Shape the World)*
ENVS	1500	Natural Disasters
ENVS	2000	Principles of Environmental Science
ENVS	2001	Principles of Environmental Science Laboratory
MARS	1000	Introductory Oceanography *(The Natural World)*
MATH	1123	Statistics

UPPER-DIVISION MAJOR REQUIREMENTS (31 CREDITS)

DEPT	COURSE #	TITLE
ECON	3430	Environmental Economics
ENVS	3002	Applications of Environmental Science
ENVS	3003	Applications of Environmental Science Laboratory **o r** 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 or ENVS 3400 Hydrology and Water Resources
ENVS	4000	Methods of Environmental Science **or** ENVS 4950 Environmental Studies Practicum
ENVS	4030	Applied Geographic Information Systems
ENVS	4100	Society and Environment: Contemporary Issues Seminar

One of the following courses:

DEPT	COURSE #	TITLE
ANTH	3400	Anthropology of Food
GEOG	3700	Sustainable Cities
INTR	3500	Global Systems and Development
PHIL	3651	Environmental Ethics

Environmental Studies (BA)

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

History (BA)

BACHELOR OF ARTS MAJOR IN HISTORY

Major Credits Required: 57-59 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.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

Students who major in history will:

1. *Demonstrate an understanding of diverse historical viewpoints.*
2. *Place historical questions and issues of enduring importance within their chronological and geographical contexts.*
3. *Gain an historical understanding of cultures and regions of the world across time.*
4. *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.*
5. *Demonstrate critical analytic, reasoning, and research skills.*
6. *Effectively and clearly communicate historical ideas both orally and in writing.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (15 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirements for the category identified in italics.

DEPT	COURSE #	TITLE
HIST	1002	Global Crossroads: 1500 to Present *(Global Crossroads and Diversity)*
HIST	1402	The American Experience, 1865 to the Present *(The American Experience)*
HIST	2900	The Historian’s Craft

Take one of the following (3 credits)

DEPT	COURSE #	TITLE
HIST	1001	Traditions and Encounters: World Cultures to 1500 *(Traditions and Movements that Shape the World)*
HIST	1401	American Stories: Themes in American History *(The American Experience)*

Take one of the following (3 credits)

DEPT	COURSE #	TITLE
ANTH	2000	Cultural Anthropology *(Global Crossroads and Diversity)*
GEOG	1500	World Regional Geography *(Global Crossroads and Diversity)*
HIST	1717	Reacting to the Past *(Critical Thinking and Expression)*
HIST	1558	Living History of Hawai'i *(Hawai'i and the Pacific)*
INTR	1000	The International System *(Global Crossroads and Diversity)*
PSCI	1400	American Politics *(The American Experience)*
PSCI	2000	Introduction to Politics *(Traditions & Movements That Shape the World)*

LOWER-DIVISION LANGUAGE REQUIREMENTS (6-8 CREDITS)

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

UPPER-DIVISION MAJOR REQUIREMENTS (36 CREDITS)

DEPT	COURSE #	TITLE
HIST	4900	Seminar in History

Plus 9 (27 credits) Additional Upper-Division (3000- or 4000-level) HIST courses

Plus 2 (6 credits) Upper-Division (3000- or 4000-level) electives from ANTH, ARTH, GEOG, INTR, PHIL, PSCI, or REL

History (BA)

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Human Resource Development (BA)

BACHELOR OF ARTS MAJOR IN HUMAN RESOURCE DEVELOPMENT

Major Credits Required: 51 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 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, and Analytics
6. Organizational Development
7. Organizational Leadership
8. Organizational Staffing
9. Project Management

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

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.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (15 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
HRD	1000	Introduction to Human Resource Development
HRD	2000	Integrated Talent Management
MATH	1123	Statistics *(Quantitative Analysis & Symbolic Reasoning)*
PADM	1000	Introduction to Leadership in America *(The American Experience)*
PSY	1000	Introduction to Psychology *(Critical Thinking & Expression)*

UPPER-DIVISION MAJOR REQUIREMENTS (30 CREDITS)

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
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

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Individualized (BA or BS)

BACHELOR OF ARTS OR SCIENCE INDIVIDUALIZED MAJOR

Major Credits Required: 54-69 Credits

PROGRAM DESCRIPTION

An Individualized Major that allows students to create a major that is not otherwise offered at Hawai'i Pacific University. Individualized Majors may contribute to Bachelor of Arts (B.A.) or Bachelor of Science (B.S.) degrees. Students may propose American Council on Education (ACE) credit recommendations, internships, fieldwork, research, or study abroad in collaboration with coursework to satisfy degree completion.

All Individualized Majors require a formal written proposal endorsed by a faculty member, academic advisor, program chair and the appropriate dean. The proposal must demonstrate a coherent theme with academic merit from two or more disciplines. Students must be in good academic standing, have a minimum grade point average of 2.0, and have third semester standing or higher to be eligible for proposing an Individualized Major.

See a College of Professional Studies academic advisor or the Individualized Major Program Chair for proposal instructions.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

1. *Demonstrate the ability to be a self-directed learner by determining individual academic objectives, forming a plan for execution, and evaluating the resulting learning.*
2. *Explain issues, analyze evidence, assess assumptions, define one's own perspectives and positions, and present the implications and consequences of conclusions in an individualized major area.*
3. *Show proficiency with information literacy while accomplishing research relevant to the industry, government, or research area in which one is working.*
4. *Be able to effectively communicate in writing and speech applicable to situations common in academic settings, workplaces, or leadership positions.*
5. *Integrate coursework, knowledge, skills, and experiential learning that demonstrates a broad mastery or learning across one's individualized curriculum for further career advancement.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (AT LEAST 18 CREDITS)

Articulated in the student's proposal in coordination with a faculty member, academic advisor, program chair, and the appropriate dean, these should be courses number at the 1000- and 2000- level with are relevant to the particular focus of the individualized major and/or are pre-requisites for the chosen upper-division courses. If any of the listed courses also fulfill General Education requirements, students may count up to 12 credits for such courses in both places.

Modern Language Requirements (6-8 credits). Two semesters of the same language or demonstrated proficiency at second-semester level of an approved language.

UPPER-DIVISION MAJOR REQUIREMENTS (36-51 CREDITS)

Articulated in the student's proposal in coordination with a faculty member, academic advisor, program chair and the appropriate dean, these courses should be numbered at the 3000- or 4000-level.

Students are encouraged but not required to take at least three credits in INDV elective internship courses. A maximum of 6 internship credit hours can be applied to degree completion:

DEPT	COURSE #	TITLE
INDV	3990	Internship

Required Capstone (3 Credits):

DEPT	COURSE #	TITLE
INDV	4900	Individualized Major Capstone (3 Credits)

International Studies (BA)

BACHELOR OF ARTS MAJOR IN INTERNATIONAL STUDIES

Major Credits Required: 54-58 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 analyze 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, 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) and 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. ***Anthropology, 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 the 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, it 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 B.A. in International Studies is ideal preparation for those career paths.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES:

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.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (12 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

Choose one of the following (3 credits):

DEPT	COURSE #	TITLE
ANTH	2000	Cultural Anthropology *(Global Crossroads & Diversity)* **or**
GEOG	1500	World Regional *Geography (Global Crossroads & Diversity)* **or**
GEOG	2000	Visualizing Human *Geography (Critical Thinking & Expression)*

Take all of the following (9 credits):

DEPT	COURSE #	TITLE
INTR	1000	The International System (Global Crossroads and Diversity)
PSCI	2000	Introduction to Politics (Traditions and Movements that Shape the World)
PSCI	2100	Fundamentals of Social Science Research

LOWER-DIVISION LANGUAGE REQUIREMENTS (12-16 CREDITS)

Four semesters of the same modern language, or demonstrated proficiency at fourth-semester level of an approved language; 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)

DEPT	COURSE #	TITLE
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:*

Anthropology, Development and Sustainability (18 credits)

DEPT	COURSE #	TITLE
INTR	3500	Global Systems and Development

Take one of the following three courses:

DEPT	COURSE #	TITLE
ECON	3430	Environmental Economics
ENVS	3020	Environmental Policy Process
GEOG	3700	Sustainable Cities

Plus any four additional courses from the following list:

DEPT	COURSE #	TITLE
ANTH	3200	The Functions and Dysfunctions of American Medicine
ANTH	3400	Anthropology of Food
ANTH	3600	Poverty and Culture
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
HIST	3788	Food in World History
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)

DEPT	COURSE #	TITLE
PSCI	3412	American Foreign Policy

Take one of the following two courses:

DEPT	COURSE #	TITLE
HIST	3662	War and Society Since 1500
HIST	3676	U.S. Diplomatic History

Plus, any four courses from the following list:

DEPT	COURSE #	TITLE
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

or any 3000-level HIST, INTR, or PSCI course

International Studies (BA)

Sample 4-Year Degree Plan Anthropology, Development & Sustainability Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

International Studies (BA)

Sample 4-Year Degree Plan International Relations & Security Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Marine Affairs (BA)

BACHELOR OF ARTS IN MARINE AFFAIRS

Major Credits Required: 65-73 Credits

The Bachelor of Arts in Marine Affairs is an interdisciplinary marine science degree that focuses on the fundamentals of marine science, the nature of the changing systems, sustainability of ocean resources, and social and environmental justice. Marine Affairs professionals are well prepared to advocate, educate, communicate, and liaise between the existing marine resource problems and the solutions that society can implement. Students in this major will be prepared to contribute to ocean advocacy in professional positions and/or could pursue advanced degrees in science, administration, policy, resource management, and/or law. Students further refine their career paths by selecting a minor in business, criminal justice, management, public administration, strategic communication, or sustainability. This program requires a research practicum or internship related to the student's desired specialization.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES:

Students majoring in Marine Affairs will:

1. *Demonstrate applied knowledge in the core principles of marine sciences*
2. *Demonstrate knowledge of origins and framework for the laws, regulations, and policies pertaining to the management of the marine environment*
3. *Communicate ideas effectively in written and oral formats*
4. *Apply computational approaches for data analysis and graphic presentation*
5. *Find and evaluate published information from a variety of printed and electronic sources*
6. *Analyze complex problems and develop interdisciplinary solutions pertaining to the marine environment*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION REQUIREMENTS (25 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
BIOL	2050	General Biology I
BIOL	2051	General Biology I Lab
BIOL	2052	General Biology II
BIOL	2053	General Biology II Lab
ECON	2010	Microeconomics *(Critical Thinking and Expression)*
ENVS	2000	Principles of Environmental Science
MARS	1000	Introductory Oceanography (*The Natural World)*
MARS	1020	Oceanographic Field Techniques
MATH	1123	Statistics *(Quantitative Analysis and Symbolic Reasoning)*

UPPER-DIVISION REQUIREMENTS (28-30 CREDITS)

DEPT	COURSE #	TITLE
BIOL	3080	Ecology
ECON	3430	Environmental Economics **or** ENVS 3600 Natural Resource Management
ENVS	3010	Environmental Impact Analysis **or** ENVS 3020 The Environmental Policy Process
ENVS	3030	Earth Systems and Global Change
MARS	3000	General Oceanography
MARS	3002	Ocean Biology
MARS	3100	Maritime Law and Ocean Policy
MARS	3990	Internship **or** MARS 3950 Marine Science Research Practicum
MARS	4100	Marine Resource Management: Culture and Sustainability **or** MARS 4210 Marine Fisheries and Management
MARS	4902	Marine Affairs Senior Seminar (Capstone)

REQUIRED MINOR (12-18 CREDITS)

Students select one of the following minors:

Business

Criminal Justice

Management

Public Administration

Strategic Communication

Sustainability

Marine Affairs (BA)

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Marine Biology (BS)

BACHELOR OF SCIENCE MAJOR IN MARINE BIOLOGY

Major Credits Required: 74-77 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 Kāne‘ohe 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.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

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.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (35 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
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 *(The Natural World)*
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:

DEPT	COURSE #	TITLE
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:*

DEPT	COURSE #	TITLE
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 (39-42 CREDITS)

DEPT	COURSE #	TITLE
BIOL	3030	Comparative Animal Physiology
BIOL	3050	Genetics **or** BIOL 3054 Evolutionary Biology
BIOL	3060	Marine Invertebrate Zoology **or** BIOL 3070 Marine Vertebrate Zoology
BIOL	3080	Ecology
BIOL	3081	Ecology Laboratory
BIOL	3090	Biometry
BIOL	3170	Cell and Molecular Biology **or** BIOL 4040 Environmental Microbiology
CHEM	3010	Fundamental Organic Chemistry **o r** 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
MARS	3001	General Oceanography Laboratory
MARS	3002	Ocean Biology
MARS	3003	Ocean Biology 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:

DEPT	COURSE #	TITLE
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

Marine Biology (BS)

Sample 4-Year Degree Plan General Track

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Marine Biology (BS)

Sample 4-Year Degree Plan Advanced Track

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Mathematics (BS)

BACHELOR OF SCIENCE MAJOR IN MATHEMATICS WITH A CONCENTRATION

Major Credits Required: 54-73 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.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

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.*

Requirements

GENERAL EDUCATION COURSES

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.

DEPT	COURSE #	TITLE
CSCI	1911	Foundations of Programming
MATH	1130	Pre-Calculus I **and** MATH 1140 Pre-Calculus II **or**
MATH	1150	Pre-Calculus I & II Accelerated

LOWER-DIVISION MAJOR REQUIREMENTS (13 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
CSCI	2911	Computer Science I
CSCI	2912	Computer Science II
CSCI	2916	Computer Science I Lab
MATH	2214	Calculus I *(Quantitative Analysis & Symbolic Reasoning)*
MATH	2215	Calculus II

UPPER-DIVISION MAJOR REQUIREMENTS (3 CREDITS)

DEPT	COURSE #	TITLE
MATH	3305	Linear Algebra

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.

LOWER-DIVISION REQUIREMENTS (12 CREDITS)

DEPT	COURSE #	TITLE
COM	2000	Public Speaking *(Critical Thinking & Expression)*
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:

DEPT	COURSE #	TITLE
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+Lab
MARS	3002+3003	Ocean Biology+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)

DEPT	COURSE #	TITLE
MATH	3220	College Geometry
MATH	3316	Problem Solving for Mathematics Teaching
MATH	4330	Abstract Algebra
MATH	4440	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)

DEPT	COURSE #	TITLE
MATH	2007	Math across the Ages
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:

DEPT	COURSE #	TITLE
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+Lab
MARS	3002+3003	Ocean Biology+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:

DEPT	COURSE #	TITLE
MATH	3110	Foundations of Logic with Applications
MATH	3320	Set Theory
MATH	4330	Abstract Algebra
MATH	4440	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.

LOWER-DIVISION REQUIREMENTS (24 CREDITS)

DEPT	COURSE #	TITLE
CHEM	2050	General Chemistry I *(The Natural World)*
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)

DEPT	COURSE #	TITLE
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.

LOWER-DIVISION REQUIREMENTS (31 CREDITS)

DEPT	COURSE #	TITLE
CHEM	2050	General Chemistry I
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
PHYS	2055	General Physics III Laboratory

UPPER-DIVISION REQUIREMENTS (12 CREDITS)

DEPT	COURSE #	TITLE
MATH	3307	Differential Equations
MATH	3470	Applied Statistics (Industrial and Systems Engineering)
MATH	3500	Numerical Methods
MATH	4470	Methods of Applied Mathematics I

ELECTIVES

Choose at least three credits from the following depending on the engineering specialty you plan to pursue:

ENGE 2000 Linear Circuits and Systems; ENGE 2001 Linear Circuits and Systems Laboratory; ENGR 2600 Engineering Statics; ENGR Engineering Dynamics; BIOL 2050 General Biology I; BIOL 2051 General BIOL I Laboratory; BIOL 2052 General Biology II; BIOL 2053 General Biology II Laboratory; CHEM 3020 Physical Chemistry I; CHEM 3030 Organic Chemistry I; CHEM 3031 Organic Chemistry I Laboratory; CHEM 3040 Quantitative Analysis; CHEM 3041 Quantitative Analysis Laboratory; MATH 4472 Methods of Applied Math II; MATH 3301 Discrete Mathematics; CSCI 2913 Data Structures; CSCI 3001 Assembly Language and System Programming; CSCI 3101 Algorithms; CSCI 3106 Programming Challenges; CSCI 3501 Computer Organization; CSCI 3911 Software Engineering; CSCI 4702 Mobile Programming; CSCI 4911 Software Project I; ENVS 2000 Principles of Environmental Science; ENVS 3000 Science and the Modern Prospect; ENVS 3010 Environmental Impact Analysis; ENVS 3030 Earth Systems and Global Change; ENVS 4100 Society and Environment: Contemporary Issue Seminar.

Mathematics (BS)

Sample 4-Year Degree Plan 3-2 Engineering (Dual Degree) Math Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Mathematics (BS)

Sample 4-Year Degree Plan Applied Mathematics Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Mathematics (BS)

Sample 4-Year Degree Plan Math Education Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Mathematics (BS)

Sample 4-Year Degree Plan Pure Math Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Nursing (BSN)

BACHELOR OF SCIENCE IN NURSING

Major Credits Required: 87 Credits

The Bachelor of Science in Nursing (BSN) 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

Planning is underway to transition the curriculum to address the 2021 AACN The Essentials: Core Competencies for Professional Nursing Education.

1. ***Patient-centered Care:*** *The BSN graduate will deliver holistic, equitable, compassionate, developmentally-appropriate, and culturally-sensitive nursing care.*
2. ***Teamwork and Collaboration:*** *The BSN graduate will collaborate and communicate effectively with individuals, families, and interdisciplinary teams to improve healthcare outcomes.*
3. ***Evidence-based Practice:*** *The BSN graduate will integrate reliable evidence and other sources of knowledge to make sound clinical judgements and guide nursing practice.*
4. ***Quality Improvement:*** *The BSN graduate will apply quality improvement principles for continuous improvement to the delivery of person centered-care.*
5. ***Information & Healthcare Technology:*** *The BSN graduate will use evidence-based information and healthcare technology to assist in the provision of safe, quality, person-centered care.*
6. ***Safety:*** *The BSN graduate will employ principles of safety-science to reduce the risk of harm to individuals, communities, and self.*
7. ***Professionalism:*** *The BSN graduate will demonstrate the inherent values, ethics, and behaviors congruent with the discipline of nursing.*
8. ***Leadership:*** *The BSN graduate will integrate leadership and communication skills into practice to facilitate positive healthcare outcomes.*

Nursing (BS) Requirements

GENERAL PREREQUISITES

Minimum course requirements to be considered for admission to NUR 2000 level courses:

- Completion of all prerequisite courses
- 3.0 cumulative GPA in all college courses taken
- 3.0 cumulative GPA in all science and math prerequisite courses

Other requirements to be considered for admission to the nursing program:

- Completed application by set deadline date
- A score of 70% or higher on the Test of Essential Academic Skills (TEAS)

- Two professional letters of support
- A personal statement

See the BSN webpage for full description of admission procedures. The nursing program is highly competitive. Meeting minimum criteria for admission does not guarantee acceptance to the program.

General notes about the BSN program:

- All nursing students must achieve a final course grade of C (73%) in each nursing course. Failure to achieve a grade of C or better in a nursing course will prevent the student from continuing to the next sequential nursing course.
- *Two* nursing courses with deficient grades (final course grade of C-, D+, D, or F) in the nursing program will lead to final dismissal from the nursing program, but not the university.
- Nursing students are expected to maintain a minimum HPU GPA of 2.75 and NUR GPA of 2.75 throughout their course of study.
- Nursing clinical courses require that students travel for clinical experiences throughout O'ahu. Each student must have a reliable source of transportation to clinical sites.
- If an "Unacceptable Practice" investigation is in progress and/or if a student receives an "Unacceptable Practice" citation in a nursing 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 courses.
- Admission to the program requires that students meet specific clinical health requirements. See the BSN webpage for current clinical health requirements.

GENERAL EDUCATION COURSES

LOWER-DIVISION PREREQUISITE COURSES (18 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
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	1000	Introduction to Chemistry *(The Natural World)*
MATH	1123	Statistics (Quantitative Analysis & Symbolic Reasoning)

MAJOR ELECTIVES (6 CREDITS)

One course from the following:

DEPT	COURSE #	TITLE
COM	1000	Introduction to Communication **or**
PSY	1000	Introduction to Psychology **or**
SOC	1000	Introduction to Sociology

One course from the following:

DEPT	COURSE #	TITLE
BIOL	1300	Nutrition: Eat Smarter **or**
PHIL	2500	Ethics in America **or**
PSY	3400	Lifespan Development

LEVEL I SEMESTER ONE NURSING REQUIREMENTS (17 CREDITS)

DEPT	COURSE #	TITLE
NUR	2300	Pharmacology
NUR	2720	Foundations of Professional Nursing
NUR	2721	Foundations of Professional Nursing Clinical/Lab
NUR	2730	Health Assessment and Promotion
NUR	2731	Health Assessment and Promotion Lab
NUR	2930	Pathophysiology

LEVEL I SEMESTER TWO NURSING REQUIREMENTS (15 CREDITS)

DEPT	COURSE #	TITLE
NUR	3710	Leadership through Evidence-Based Practice and Research
NUR	3720	Comprehensive Nursing Care I
NUR	3721	Comprehensive Nursing Care I Clinical/Lab
NUR	3730	Mental Health Nursing
NUR	3731	Mental Health Nursing Clinical/Lab

LEVEL II SEMESTER THREE NURSING REQUIREMENTS (14 CREDITS)

DEPT	COURSE #	TITLE
NUR	3740	Comprehensive Nursing Care II
NUR	3741	Comprehensive Nursing Care II Clinical/Lab
NUR	3750	Child and Family Health
NUR	3751	Child and Family Health Clinical/Lab
NUR	3760	Maternal-Newborn Nursing
NUR	3761	Maternal-Newborn Nursing Clinical/Lab

LEVEL II SEMESTER FOUR NURSING REQUIREMENTS (17 CREDITS)

DEPT	COURSE #	TITLE
NUR	4710	Gerontology
NUR	4711	Nurse Readiness for Practice
NUR	4770	Comprehensive Nursing Care III
NUR	4771	Comprehensive Nursing Care III Clinical/Lab
NUR	4780	Community Health Nursing
NUR	4781	Community Health Nursing Clinical/Lab

Optional recommended Inter-professional (IP) courses:

DEPT	COURSE #	TITLE
PH	2010	Drugs and Society
PH	3015	Culture and Health
PH	3025	Sexuality in Health and Society (also offered as SWRK 3025)
SOC	2000	Social Problems and Policy
SWRK	2010	Social Sustainability, Social Work and Social Entrepreneurship

Nursing (BSN)

RN to BSN Pathway

Students who are Registered Nurses with an associate degree are eligible for this pathway. 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 (67 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).

General notes about the BSN program

- All nursing students must achieve a final course grade of C (73%) in each nursing course. Failure to achieve a grade of C or better in a nursing course will prevent the student from continuing to the next sequential nursing course.
- *Two* nursing courses with deficient grades (final course grade of C-, D+, D, or F) in the nursing program will lead to final dismissal from the nursing program, but not the university.
- Nursing students are expected to maintain a minimum HPU GPA of 2.75 and NUR GPA of 2.75 throughout their course of study.
- Nursing clinical courses require that students travel for clinical experiences throughout O'ahu. Each student must have a reliable source of transportation to clinical sites.
- If an "Unacceptable Practice" investigation is in progress and/or if a student receives an "Unacceptable Practice" citation in a Nursing 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 courses.
- Admission to the program requires that students meet specific clinical health requirements. See the BSN webpage for current clinical health requirements
- The Nursing program is highly competitive. Meeting minimum criteria for admission does not guarantee acceptance to the program. See the BSN webpage and BSN Handbook for full description of admission procedures and other policies.

RN to BSN Pathway Requirements

GENERAL EDUCATION COURSES (36 CREDITS)

LOWER-DIVISION PREREQUISITE COURSES (18 CREDITS)

DEPT	COURSE #	TITLE
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	1000	Introduction to Chemistry *(The Natural World)*
MATH	1123	Statistics (Quantitative Analysis & Symbolic Reasoning)

MAJOR ELECTIVES (6 CREDITS)

One course from the following:

DEPT	COURSE #	TITLE
COM	1000	Introduction to Communication **or**
PSY	1000	Introduction to Psychology **or**
SOC	1000	Introduction to Sociology

One course from the following:

DEPT	COURSE #	TITLE
BIOL	1300	Nutrition: Eat Smarter **or**
PHIL	2500	Ethics in America **or**
PSY	3400	Lifespan Development

Upon admission the RN will receive 33 HPU transfer credits for successful completion of an accredited RN program:

DEPT	COURSE #	TITLE
NUR	2720	Foundations of Professional Nursing
NUR	2721	Foundations of Professional Nursing Clinical/Lab
NUR	3720	Comprehensive Nursing Care I
NUR	3721	Comprehensive Nursing Care Clinical/Lab I
NUR	3730	Mental Health Nursing
NUR	3731	Mental Health Nursing Clinical/Lab
NUR	3740	Comprehensive Nursing Care II
NUR	3741	Comprehensive Nursing Care II Clinical/Lab
NUR	3750	Child and Family Health
NUR	3751	Child and Family Health Clinical/Lab
NUR	3760	Maternal-Newborn Nursing
NUR	3761	Maternal-Newborn Nursing Clinical/Lab
NUR	4711	Nurse Readiness for Practice

SEMESTER ONE REQUIREMENTS (18 CREDITS)

DEPT	COURSE #	TITLE
NUR	2300	Pharmacology
NUR	2730	Health Assessment and Promotion
NUR	2731	Health Assessment and Promotion Lab
NUR	2740	Transition to Baccalaureate Nursing Practice
NUR	2741	Transition to Baccalaureate Nursing Practice Lab
NUR	2930	Pathophysiology
NUR	3710	Leadership through Evidence-Based Practice and Research

SEMESTER TWO REQUIREMENTS (16 CREDITS)

DEPT	COURSE #	TITLE
NUR	4710	Gerontology
NUR	4770	Comprehensive Nursing Care III
NUR	4771	Comprehensive Nursing Care III Clinical/Lab
NUR	4780	Community Health Nursing
NUR	4781	Community Health Nursing Clinical/Lab

UNRESTRICTED ELECTIVE (3 CREDITS)

Recommended Inter-professional (IP) courses:

DEPT	COURSE #	TITLE
PH	2010	Drugs and Society
PH	3015	Culture and Health
PH	3025	Sexuality in Health and Society (also offered as SWRK 3025)
SOC	2000	Social Problems and Policy
SWRK	1010	Social Sustainability, Social Work and Social Entrepreneurship

LVN/LPN to BSN Pathway

Students who are Licensed Practical Nurses are eligible for this pathway. The Bachelor of Science in Nursing degree is conferred upon students who satisfactorily complete the General Education requirements, nursing prerequisites, 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 (67 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).

General notes about the BSN program:

- All nursing students must achieve a final course grade of C (73%) in each nursing course. Failure to achieve a grade of C or better in a nursing course will prevent the student from continuing to the next sequential nursing course.
- *Two* nursing courses with deficient grades (final course grade of C-, D+, D, or F) in the nursing program will lead to final dismissal from the nursing program, but not the university.
- Nursing students are expected to maintain a minimum HPU GPA of 2.75 and NUR GPA of 2.75 throughout their course of study.
- Nursing clinical courses require that students travel for clinical experiences throughout O'ahu. Each student must have a reliable source of transportation to clinical sites.
- If an "Unacceptable Practice" investigation is in progress and/or if a student receives an "Unacceptable Practice" citation in a nursing 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 courses.
- Admission to the program requires that students meet specific clinical health requirements. See the BSN webpage for current clinical health requirements.

- The nursing program is highly competitive. Meeting minimum criteria for admission does not guarantee acceptance to the program. See the BSN webpage and BSN Handbook for full description of admission procedures and other policies.

LVN/LPN to BSN Pathway Requirements

GENERAL EDUCATION COURSES (36 CREDITS)

LOWER-DIVISION PREREQUISITE COURSES (17 CREDITS)

DEPT	COURSE #	TITLE
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	1000	Introduction to Chemistry *(The Natural World)*
MATH	1123	Statistics (Quantitative Analysis & Symbolic Reasoning)

MAJOR ELECTIVES (6 CREDITS)

One course from the following:

DEPT	COURSE #	TITLE
COM	1000	Introduction to Communication **or**
PSY	1000	Introduction to Psychology **or**
SOC	1000	Introduction to Sociology

One course from the following:

DEPT	COURSE #	TITLE
BIOL	1300	Nutrition: Eat Smarter **or**
PHIL	2500	Ethics in America **or**
PSY	3400	Lifespan Development

Upon admission the LPN/LVN will receive 20 HPU transfer credits for successful completion of an accredited LPN/LVN program:

DEPT	COURSE #	TITLE
NUR	2720	Foundations of Professional Nursing
NUR	2721	Foundations of Professional Nursing Clinical/Lab
NUR	3720	Comprehensive Nursing Care I
NUR	3721	Comprehensive Nursing Care Clinical/Lab I
NUR	3740	Comprehensive Nursing Care II
NUR	3741	Comprehensive Nursing Care II Clinical/Lab

SEMESTER ONE REQUIREMENTS (18 CREDITS)

DEPT	COURSE #	TITLE
NUR	2300	Pharmacology
NUR	2730	Health Assessment and Promotion
NUR	2731	Health Assessment and Promotion Lab
NUR	2740	Transition to Baccalaureate Nursing Practice
NUR	2741	Transition to Baccalaureate Nursing Practice Lab
NUR	2930	Pathophysiology
NUR	3710	Leadership through Evidence-Based Practice and Research

SEMESTER TWO REQUIREMENTS (12 CREDITS)

DEPT	COURSE #	TITLE
NUR	3730	Mental Health Nursing
NUR	3731	Mental Health Nursing Clinical/Lab
NUR	3750	Child and Family Health
NUR	3751	Child and Family Health Clinical/Lab
NUR	3760	Maternal-Newborn Nursing
NUR	3761	Maternal-Newborn Nursing Clinical/Lab

SEMESTER THREE REQUIREMENTS (17 CREDITS)

DEPT	COURSE #	TITLE
NUR	4710	Gerontology
NUR	4711	Nurse Readiness for Practice
NUR	4770	Comprehensive Nursing Care III
NUR	4771	Comprehensive Nursing Care III Clinical/Lab
NUR	4780	Community Health Nursing
NUR	4781	Community Health Nursing Clinical/Lab

UNRESTRICTED ELECTIVE (3 CREDITS)

Recommended Inter-professional (IP) courses:

DEPT	COURSE #	TITLE
PH	2010	Drugs and Society
PH	3015	Culture and Health
PH	3025	Sexuality in Health and Society (also offered as SWRK 3025)
SOC	2000	Social Problems and Policy
SWRK	1010	Social Sustainability, Social Work and Social Entrepreneurship

Military Hospital Corpsman (HM) to BSN Pathway

Students who are Military Hospital Corpsman (HM) are eligible for the pathway. The Bachelor of Science in Nursing degree is conferred upon students who satisfactorily complete the General Education requirements, nursing prerequisites, 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 (67 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).

General notes about the BSN program:

- All nursing students must achieve a final course grade of C (73%) in each nursing course. Failure to achieve a grade of C or better in a nursing course will prevent the student from continuing to the next sequential nursing course.
- *Two* nursing courses with deficient grades (final course grade of C-, D+, D, or F) in the nursing program will lead to final dismissal from the nursing program, but not the university.
- Nursing students are expected to maintain a minimum HPU GPA of 2.75 and NUR GPA of 2.75 throughout their course of study.
- Nursing clinical courses require that students travel for clinical experiences throughout O'ahu. Each student must have a reliable source of transportation to clinical sites.
- If an "Unacceptable Practice" investigation is in progress and/or if a student receives an "Unacceptable Practice" citation in a nursing 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 courses.
- Admission to the program requires that students meet specific clinical health requirements. See the BSN webpage for current clinical health requirements.

- The nursing program is highly competitive. Meeting minimum criteria for admission does not guarantee acceptance to the program. See the BSN webpage and BSN Handbook for full description of admission procedures and other policies.

Military Hospital Corpsman (HM) to BSN Pathway Requirements

GENERAL EDUCATION COURSES (36 CREDITS)

LOWER-DIVISION PREREQUISITE COURSES (18 CREDITS)

DEPT	COURSE #	TITLE
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	1000	Introduction to Chemistry *(The Natural World)*
MATH	1123	Statistics (Quantitative Analysis & Symbolic Reasoning)

MAJOR ELECTIVES (6 CREDITS)

One course from the following:

DEPT	COURSE #	TITLE
COM	1000	Introduction to Communication **or**
PSY	1000	Introduction to Psychology **or**
SOC	1000	Introduction to Sociology

One course from the following:

DEPT	COURSE #	TITLE
BIOL	1300	Nutrition: Eat Smarter **or**
PHIL	2500	Ethics in America **or**
PSY	3400	Lifespan Development

Upon admission the HM will receive 20 HPU transfer credits for successful completion of an accredited Military Hospital Corpsman (HM) program:

DEPT	COURSE #	TITLE
NUR	2720	Foundations of Professional Nursing
NUR	2721	Foundations of Professional Nursing Clinical/Lab
NUR	3720	Comprehensive Nursing Care I
NUR	3721	Comprehensive Nursing Care Clinical/Lab I
NUR	3740	Comprehensive Nursing Care II
NUR	3741	Comprehensive Nursing Care II Clinical/Lab

SEMESTER ONE REQUIREMENTS (18 CREDITS)

DEPT	COURSE #	TITLE
NUR	2300	Pharmacology
NUR	2730	Health Assessment and Promotion
NUR	2731	Health Assessment and Promotion Lab
NUR	2740	Transition to Baccalaureate Nursing Practice
NUR	2741	Transition to Baccalaureate Nursing Practice Lab
NUR	2930	Pathophysiology
NUR	3710	Leadership through Evidence-Based Practice and Research

SEMESTER TWO REQUIREMENTS (12 CREDITS)

DEPT	COURSE #	TITLE
NUR	3730	Mental Health Nursing
NUR	3731	Mental Health Nursing Clinical/Lab
NUR	3750	Child and Family Health
NUR	3751	Child and Family Health Clinical/Lab
NUR	3760	Maternal-Newborn Nursing
NUR	3761	Maternal-Newborn Nursing Clinical/Lab

SEMESTER THREE REQUIREMENTS (17 CREDITS)

DEPT	COURSE #	TITLE
NUR	4710	Gerontology
NUR	4711	Nurse Readiness for Practice
NUR	4770	Comprehensive Nursing Care III
NUR	4771	Comprehensive Nursing Care III Clinical/Lab
NUR	4780	Community Health Nursing
NUR	4781	Community Health Nursing Clinical/Lab

UNRESTRICTED ELECTIVE (3 CREDITS)

Recommended Inter-professional (IP) courses:

DEPT	COURSE #	TITLE
PH	2010	Drugs and Society
PH	3015	Culture and Health
PH	3025	Sexuality in Health and Society (also offered as SWRK 3025)
SOC	2000	Social Problems and Policy
SWRK	1010	Social Sustainability, Social Work and Social Entrepreneurship

Nursing (BSN)

Sample 4-year Degree Plan

Oceanography (BS)

BACHELOR OF SCIENCE MAJOR IN OCEANOGRAPHY

5 Concentrations: (General, Chemical, Mathematics, Fisheries, and Biological)

Major Credits Required: 73-78 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.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES:

Students majoring in oceanography will:

1. *Demonstrate broad basic knowledge of the fundamental principles in the biological and the physical 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.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (35 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
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 *(The Natural World)*
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 *(Quantitative Analysis & Symbolic Reasoning)*
MATH	2215	Calculus II

Complete one of the following series:

College Physics Series:

DEPT	COURSE #	TITLE
PHYS	2030	College Physics I
PHYS	2031	College Physics I Laboratory
PHYS	2032	General Physics II
PHYS	2033	General Physics II Laboratory

Or

General Physics series:*

DEPT	COURSE #	TITLE
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 (15 CREDITS)

DEPT	COURSE #	TITLE
BIOL	3090	Biometry
MARS	3000	General Oceanography
MARS	3001	General Oceanography Laboratory
MARS	3002	Ocean Biology
MARS	3003	Ocean Biology Laboratory
MARS	4931	Research Experience in Oceanography
MARS	4930	Research Seminar in Oceanography **or** MARS 4500 Marine Sciences Honors 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)

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
MARS	4060	Geological Oceanography
MARS	4080	Physical Oceanography
MARS	4090	Biological Oceanography

Plus at least 6 credits from the following:

DEPT	COURSE #	TITLE
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)

DEPT	COURSE #	TITLE
BIOL	3080	Ecology
BIOL	3081	Ecology Laboratory
CHEM	3010	Fundamental Organic Chemistry **or** CHEM 3030/3032 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:

DEPT	COURSE #	TITLE
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

DEPT	COURSE #	TITLE
BIOL	3040	General Microbiology
BIOL	3041	General Microbiology Laboratory
BIOL	3050	Genetics
BIOL	3054	Evolutionary Biology
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

DEPT	COURSE #	TITLE
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)

DEPT	COURSE #	TITLE
MARS	4080	Physical Oceanography
MATH	3305	Linear Algebra
MATH	3307	Differential Equations

Select two courses from the following:

DEPT	COURSE #	TITLE
MARS	4060	Geological Oceanography
MARS	4070	Chemical Oceanography
MARS	4090	Biological Oceanography

Plus nine credits from the following courses:

DEPT	COURSE #	TITLE
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	Applied 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)

DEPT	COURSE #	TITLE
ECON	2010	Principles of Microeconomics *(Traditions & Movements that Shape the World)*

UPPER-DIVISION CONCENTRATION REQUIREMENTS (25 CREDITS)

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
BIOL	3070	Marine Vertebrate Zoology
MARS	4100	Marine Resource Management: Culture and Sustainability
MARS	4400	Marine Conservation Biology

Other Courses:

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
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 Biology
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
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.

Oceanography (BS)

Sample 4-Year Degree Plan Biology Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Oceanography (BS)

Sample 4-Year Degree Plan Chemistry Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Oceanography (BS)

Sample 4-Year Degree Plan Fisheries Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Oceanography (BS)

Sample 4-Year Degree Plan General Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Oceanography (BS)

Sample 4-Year Degree Plan Mathematics Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Political Science (BA)

BACHELOR OF ARTS MAJOR IN POLITICAL SCIENCE

Major Credits Required: 48-50 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.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES:

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.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (12 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
GEOG	2000	Visualizing Human Geography *(Critical Thinking & Expression)*
PSCI	1400	American Politics *(The American Experience)*
PSCI	2000	Introduction to Politics *(Traditions & Movements that Shape the World)*
PSCI	2100	Fundamentals of Social Science Research

LOWER-DIVISION MODERN LANGUAGE REQUIREMENTS (6-8 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)

DEPT	COURSE #	TITLE
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.

Political Science (BA)

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Psychology (BA)

BACHELOR OF ARTS MAJOR IN PSYCHOLOGY

Major Credits Required: 56-58 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.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

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.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (11 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
PSY	1000	Introduction to Psychology *(Critical Thinking & Expression)*
PSY	2100	Statistics in Psychology
PSY	2200	Research Methods in Psychology

LOWER-DIVISION LANGUAGE REQUIREMENTS (6-8 CREDITS)

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

UPPER-DIVISION REQUIREMENTS (39 CREDITS)

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
PSY	3500	Tests and Measurements in Psychology
PSY	3550	Advanced Statistics in Psychology

Plus take at least one of the following:

DEPT	COURSE #	TITLE
PSY	3600	Abnormal Psychology
PSY	3700	Personality

Plus take at least one of the following:

DEPT	COURSE #	TITLE
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)

Psychology (BA)

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Public Administration (BA)

BACHELOR OF ARTS IN PUBLIC ADMINISTRATION

Major Credits Required: 57 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.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

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.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (18 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
HRD	1000	Introduction to Human Resource Development
HRD	2000	Integrated Talent Management
MATH	1123	Statistics *(Quantitative Analysis & Symbolic Reasoning)*
PADM	1000	Introduction to Leadership in America *(The American Experience)*
PADM	2000	Supervisory Leadership
PSCI	2000	Introduction to Politics *(Traditions & Movements that Shape the World)*

UPPER-DIVISION MAJOR REQUIREMENTS (36 CREDITS)

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
ANTH	3350	Diversity in the Workplace
CJ	3990	Internship
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)

DEPT	COURSE #	TITLE
PADM	4000	Strategic Planning for Government Organizations

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Public Health (BS)

BACHELOR OF SCIENCE IN PUBLIC HEALTH

Major Credits Required: 59 Credits

The Bachelor of Science in Public Health (BSPH) 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 public health professions, human physiology, human diseases and conditions, personal and community health, drugs and society, healthcare systems, culture and health, epidemiology, health policy, program planning and evaluation, research methods, and environmental health. Two semesters of public health practicum courses provide students with hands-on experiential learning opportunities in real-world settings, under the supervision and mentorship of experienced professionals from established off-campus public health organizations. The BSPH program prepares students for public health careers and to reinforce a desire for lifelong learning and humanitarian service to our local and global communities.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

Bachelor of Science in Public Health graduates will be able to:

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.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (20 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
BIOL	1300	Nutrition: Eat Smarter (*The Natural World)*
BIOL	2030	Anatomy and Physiology
BIOL	2032	Anatomy and Physiology II
MATH	1123	Statistics *(Quantitative Analysis and Symbolic Reasoning)*
PH	1000	Introduction to Personal Health
PH	1200	Introduction to Public Health (*Traditions & Movements that Shape the World)*
PH	2010	Drugs and Society
PH	2020	Human Diseases and Conditions
PH	2060	Comparative Healthcare Systems
WRI	1200	Research, Argument, and Writing *(Written Expression and Information Literacy II)*

UPPER-DIVISION REQUIREMENTS (39 CREDITS)

DEPT	COURSE #	TITLE
PH	3015	Culture and Health
PH	3020	Epidemiology
PH	3025	Sexuality in Health and Society
PH	3030	Health Behavior Theory and Program Planning
PH	3050	Global Health
PH	3065	Environmental Health
PH	3090	Public Health Communication
PH	3999	Special Topics in Public Health
PH	4010	Health Policy Analysis
PH	4030	Pre-Practicum
PH	4040	Public Health Research Methods
PH	4910	Practicum
PH	4920	Public Health Capstone Seminar

Sample 4-year Degree Plan

Bachelor of Social Work (BSW)

BACHELOR OF SOCIAL WORK

Major Credits Required: 60 Credits

The mission of HPU's BSW Program is to prepare undergraduate students in the art and science of social work through competent, effective generalist practice to achieve social justice and honor the dignity of allpeoples. HPU's social work students should unashamedly want to "make the world a better place" through caring, professional practice aimed at helping all people to meet their needs and secure their rights in the ever-changing local, national, and global environment.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

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.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (18 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
MATH	1123	Statistics *(Quantitative Analysis and Symbolic Reasoning)*
PSY	1000	Introduction to *Psychology (Critical Thinking & Expression)*
PSCI	1400	American Politics *(The American Experience)*
SOC	1000	Introduction to Sociology
SOC	2000	Social Problems and Policy
SWRK	1010	Social Sustainability, Social Work and Social Entrepreneurship *(The Sustainable World)*

UPPER-DIVISION MAJOR REQUIREMENTS (42 CREDITS)

DEPT	COURSE #	TITLE
INTR	3500	Global Systems and Development
SOC	3380	Cross-Cultural Relations
SWRK	3000	Generalist Social Work Practice
SWRK	3003	Human Behavior in the Social Environment I
SWRK	3005	Human Behavior in the Social Environment II
SWRK	3010	Social Work Practice with Individuals
SWRK	3300	Research and Writing in Social Work
SWRK	3570	American Social Welfare Policy
SWRK	3900	Practice in the Profession
SWRK	4000	Social Work Practice with Families and Groups
SWRK	4010	Social Work Practice with Organizations and Communities
SWRK	4900	Social Work Practicum I
SWRK	4910	Social Work Practicum II
SWRK	4960	Social Work Capstone

Bachelor of Social Work (BSW)

Sample 4-year Degree Plan

Teaching English to Speakers of Other Languages (BA)

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

Major Credits Required: 51-53 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.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

Students who complete the Bachelor of Arts in Teaching English to Speakers of Other Languages (TESOL) will be prepared to demonstrate A.S.K.:

1. *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.*
2. *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.*
3. *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.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (9 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
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 LANGUAGE REQUIREMENTS (6-8 CREDITS)

For international students speaking a language or languages other than English as their native language:

- meeting the English language proficiency requirement for admission to HPU

For native speakers of English:

- completing two consecutive semester-courses or equivalent (at the tertiary level) of a language other than English or
- completing two separate semester-courses or equivalent (at the tertiary level) of two different languages other than English or
- completing intensive language study during a Study Abroad experience deemed to be sufficient by the program chair or
- demonstrating through a placement language test (or individual examination) to have attained high-beginning level equivalent to completing two semesters of a language other than English or
- demonstrating through a placement language test (or individual examination) to have attained beginning level equivalent to completing one semester each of two different languages other than English or
- having taught a language other than English for at least two semesters or
- completing an individualized language study plan as developed in consultation with the program chair

UPPER-DIVISION MAJOR REQUIREMENTS (24 CREDITS)

DEPT	COURSE #	TITLE
AL	3110	The English Sound System
AL	3120	English Sentence Structure
AL	3320	Sociolinguistics
AL	3500	Second Language Learning and Teaching
AL	3950	Language Classroom Experience
AL	4710	Teaching Listening and Speaking Skills
AL	4720	Teaching Reading and Writing Skills
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 credit 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* 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 course, or:

DEPT	COURSE #	TITLE
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

Teaching English to Speakers of Other Languages (BA)

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Cybersecurity Certificate

Certificate in Cybersecurity

The undergraduate Certificate in Cybersecurity is offered to working professionals who are interested in gaining knowledge, skills, and abilities to be successful in certifications for CompTIA and CISCO. This certificate has a stand-alone program of study which can be taken without prerequisites except admission to undergraduate studies. Topics include: CompTIA A+, CompTIA Network+, CompTIA Security + and CISCO Cybersecurity Operations.

Program Learning Outcomes:

Students who complete the Undergraduate Certificate in Cybersecurity will be able to:

1. Implement continuous network monitoring and provide real-time security solutions.
2. Develop solutions for networking and data security problems.

Requirements

Required Courses

DEPT	COURSE #	TITLE
CYBS	2210	CompTIA A+
CYBS	2220	CompTIA Network+
CYBS	2230	CompTIA Security+
CYBS	2240	CISCO Cybersecurity Operations

Pre-Medical/Pre-Health Studies Post-Baccalaureate Certificate

POST-BACCALAUREATE CERTIFICATE IN PRE-MEDICAL/PRE-HEALTH STUDIES

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 degrees 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 credits.

Program Learning Objectives

Students who complete the Post-Baccalaureate Certificate in Pre-Medical/Pre-Health Studies will:

1. *Demonstrate readiness to apply to professional school in the health sciences*
2. *Demonstrate the ability to think critically about complex topics in health care*
3. *Exhibit an understanding of professionalism in health care*

Requirements

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)

DEPT	COURSE #	TITLE
BIOL	2050/2051	General Biology I Series
BIOL	2052/2053	General Biology II Series
CHEM	2050/2051	General Chemistry I Series
CHEM	2052/2053	General Chemistry II Series
CHEM	3030/3031	Organic Chemistry I Series
CHEM	3032/3033	Organic Chemistry II Series
MATH	2214	Calculus I
MATH	2215	Calculus II
PHYS	2030	College Physics I **or** PHYS 2050 General Physics I
PHYS	2031	College Physics I Laboratory **or** PHYS 2051 General Physics I Laboratory
PHYS	2032	College Physics II **or** PHYS 2052 General Physics II
PHYS	2033	College Physics II Laboratory **or** PHYS 2053 General Physics II Laboratory
PMED	3910	Pre-Health Professions Seminar II
PMED	3950	Pre-Health Studies Practicum

Elective Courses

Choose from among these courses to reach a total of 56 credits for the certificate:

DEPT	COURSE #	TITLE
BIOL	2170	Ethnobotany: People and Plants
BIOL	2030	Plant Biology
BIOL	3034/3035	Human Physiology Series
BIOL	3036/3037	Human Anatomy Series
BIOL	3040	General Microbiology
BIOL	3050	Genetics
BIOL	3090	Biometry
BIOL	4020	Cancer Biology
BIOL	3170/3171	Cell and Molecular Biology Series
CHEM	3020	Physical Chemistry
CHEM	3040/3041	Quantitative Analysis Series
CHEM	4030/4031	Biochemistry I Series
CHEM	4032/4033	Biochemistry II Series
COM	2640	Argumentation and Debate
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 courses in which the student has received a C, D, or F must be repeated.

TESOL Certificate

TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL) CERTIFICATE PROGRAM

The TESOL Certificate is a 24-credit program designed for undergraduate or post-baccalaureate students seeking credentials in TESOL without a full BA degree.

Program Learning Outcomes

Students who complete the Certificate in Teaching English to Speakers of Other Languages will be prepared to demonstrate A.S.K.:

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.

SKILLS of an effective language teacher. They possess excellent spoken and written English skills. They can, at a basic level, evaluate ESL or EFL texts, prepare and teach lessons, apply general principles in assessment and feedback, and respond to student needs in a given class.

KNOWLEDGE of the English language, language learning processes, and pedagogical principles: They can base their teaching on knowledge of the English language; the stages of second language learning; and communicative language teaching methods.

Requirements

Required Courses (7-9 Credits)

DEPT	COURSE #	TITLE
AL	2000	Introduction to Linguistics
AL	3950	Language Classroom Experience (1–3 credits)
AL	4960	Practice Teaching

Students fulfill the rest of the 24-credit hour requirement by taking any additional upper division AL courses. With approval of the program chair, they may alternatively take up to two upper division, education oriented courses (6 credits) in closely related fields such as, but not limited to, English, education, international studies, philosophy, psychology, and writing.

Additional Program Notes

- **Transfer Credits.** Transfer 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.
- **Non-native Speakers of English.** Student whose native language is not English are often highly successful language teachers. They are encouraged to apply as TESOL Certificate candidates following the University's policies for demonstrating English proficiency.
- **BA vs Certificate.** Students earning the BA in TESOL may not retroactively seek the TESOL Certificate since the Certificate is built on a subset of the same courses. Transferring from one plan to the other is possible.
- **Minimum GPA Requirement.** A student must have at least a 2.00 GPA in the courses counted toward the TESOL Certificate. 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

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.

Requirements

Transcultural Nursing Certificate Requirements

The student will complete 13 credits as designated below to complete the certificate.

Complete each one of these Nursing Courses:

DEPT	COURSE #	TITLE
NUR	3930	Complementary Healing Methods
NUR	3934	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:

DEPT	COURSE #	TITLE
ANTH	3200	The Functions and Dysfunctions of American Medicine
ARTH	3611	Art and the Human Body
COM	3300	Intercultural Communication
PSY	3235	Cross-Cultural Psychology
REL	1000	Introduction to the World Religions

Undergraduate Minor Overview

MINOR OVERVIEW

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 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.

LIST OF MINORS		
Accounting	American Studies	Art History
Biology	Business	Business Economics
Chemistry	Classical Studies	Communication Studies
Computer Information Systems	Computer Science	Criminal Justice
Diplomacy and Military Studies	East-West Classical Studies	Editing and Publishing
English	Environmental Studies	Film Studies
Finance	Forensic Science	Gender and Women's Studies
Health Education and Promotion Minor	History	Hospitality and Tourism Management
Human Resource Development	Human Rights	Humanities
Industrial/Organizational Psychology	International Business	International Studies
Japanese	Management	Marketing
Mathematics	Media Studies	Multimedia
Music	Oceanography	Philosophy
Physical Sciences	Political Science	Pre-Medical Studies
Psychology	Public Administration	Public Health
Religious Studies	Screenwriting	Social Sciences
Social Work	Spanish	Speech Communication
Strategic Communication	Studio Art	Sustainability
Teaching English to Speakers of Other Languages	Theatre	Writing

Accounting Minor

Return to List of Minors

ACCOUNTING

Five upper-division courses beyond ACCT 2010:

DEPT	COURSE #	TITLE
ACCT	3000	Intermediate Accounting I
ACCT	3010	Intermediate Accounting II
ACCT	3020	Intermediate Accounting III
ACCT	3200	Managerial Accounting
ACCT	4100	Auditing

And one of the following courses:

DEPT	COURSE #	TITLE
ACCT	3300	Federal Income Taxes - Individuals
ACCT	3700	Accounting and Information Systems
ACCT	4100	Auditing

American Studies Minor

Return to List of Minors

AMERICAN STUDIES

Six courses (18 credits) from at least three different alphas.

Two courses from the General Education American Experience category (one of which will also meet that requirement):

DEPT	COURSE #	TITLE
AMST	2000	Topics in American Studies (repeatable)
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 Politics
SOC	1000	Introduction to Sociology

(AMST 2000 may be used twice to meet this requirement only if there is a different topic each time.)

Four courses from the following list, with at least two different alphas:

DEPT	COURSE #	TITLE
ENG	3122	American Literature
ENG	3202	Literature of Slavery
ENG	3224	Ethnic Literature
ENG	3252	20th-Century American Women Writers of Color
HIST	3411	U.S.: Jackson to Civil War
HIST	3414	“Untied States:” Race and Ethnicity in American History
HIST	3441	U.S. History Since WWII
HIST	3470	Women in America
HIST	3666	U.S. Military History
HIST	3676	U.S. Diplomatic History
INTR	3940	Contemporary Nations: USA
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

Art History Minor

Return to List of Minors

ART HISTORY

Students are required to take:

DEPT	COURSE #	TITLE
ARTH	2301	*Topics in World Art History*

Plus 4 upper-division courses, at least one from each category below:

Tribal

DEPT	COURSE #	TITLE
ARTH	3551	Art of the Pacific
ARTH	3552	Art of Polynesia
ARTH	3556	Art of Hawai'i

Asia

DEPT	COURSE #	TITLE
ARTH	3301	Art of China
ARTH	3321	Art of Japan
ARTH	3351	Art of India and Southeast Asia

Western

DEPT	COURSE #	TITLE
ARTH	3206	Renaissance to Modern Art
ARTH	3611	Art and the Human Body
ARTS	3051	Photography

Biology Minor

Return to List of Minors

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):

DEPT	COURSE #	TITLE
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

DEPT	COURSE #	TITLE
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

DEPT	COURSE #	TITLE
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

DEPT	COURSE #	TITLE
BIOL	3010	Hawaiian Natural History
BIOL	3020	Plant Biology
BIOL	3021	Plant Biology Lab
BIOL	3054	Evolutionary Biology
BIOL	3080	Ecology
BIOL	3081	Ecology Lab
BIOL	4040	Environmental Microbiology
BIOL	4041	Environmental Microbiology Lab
MARS	4050	Marine Ecology
MARS	4051	Marine Ecology Lab

Business Minor

Return to List of Minors

BUSINESS

Three lower-division courses:

DEPT	COURSE #	TITLE
BUS	1000	Introduction to Business (first 8-week during summer term)
ACCT	2000	Principles of Accounting I (first or second 8-week during summer term)
ECON	2010	Principles of Microeconomics (first or second 8-week during summer term)

One upper-division course:

DEPT	COURSE #	TITLE
MKTG	3000	Principles of Marketing (second 8-week during summer term)

Plus one 3-credit Internship at least (over the full summer term):

DEPT	COURSE #	TITLE
MGMT	3990	Internship

Business Economics Minor

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BUSINESS ECONOMICS

Four upper-division courses beyond ECON 2010 and 2015:

DEPT	COURSE #	TITLE
ECON	3100	Introduction to Econometrics
ECON	3400	International Trade and Finance
ECON	3020	Managerial Economics
ECON	3300	Money and Banking

Chemistry Minor

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CHEMISTRY

15 upper-division credits beyond the General Chemistry sequence:

General Chemistry Sequence (8 Credits)

DEPT	COURSE #	TITLE
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)

DEPT	COURSE #	TITLE
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 (4-5 credits):

DEPT	COURSE #	TITLE
CHEM	3040	Quantitative Analysis
CHEM	3041	Quantitative Analysis Laboratory

OR

DEPT	COURSE #	TITLE
CHEM	4030	Biochemistry I
CHEM	4031	Biochemistry I Laboratory

Plus one additional course from the following (3 credits):

DEPT	COURSE #	TITLE
CHEM	3020	Physical Chemistry I
CHEM	3040	Quantitative Analysis
CHEM	3050	Environmental Chemistry
CHEM	4030	Biochemistry I
CHEM	4054	Aquatic Chemistry
CHEM	4950	Practicum
GEOL	3040	Geochemistry
MARS	4070	Chemical Oceanography

Classical Studies Minor

Return to List of Minors

CLASSICAL STUDIES

Students are required to take:

DEPT	COURSE #	TITLE
CLST	1000	Great Books, East and West
ARTH	2301	Topics in World Art History: Foundations of Western Art

Plus any four of the following upper-division courses:

DEPT	COURSE #	TITLE
ARTH	3206	Renaissance to Modern Art
CLST	3030	Ancient Drama
CLST	3100	Gender in Classical Greek 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	Gender in the Bible

Communication Studies Minor

Return to List of Minors

COMMUNICATION STUDIES

Five courses:

Choose one of the following:

DEPT	COURSE #	TITLE
COM	2000	Public Speaking
COM	2500	Sex and Gender in Communication Contexts
COM	2640	Argumentation and Debate

Four upper-division courses:

DEPT	COURSE #	TITLE
COM	3000	Mass Media
COM	3200	Interpersonal Communication **or** COM 3300 Intercultural Communication
COM	3320	Persuasion
COM	3900	Communication Theory

Computer Information Systems (CIS) Minor

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COMPUTER INFORMATION SYSTEMS (CIS)

Four upper-division courses beyond CSCI 1011 and 3201:

DEPT	COURSE #	TITLE
CSCI	3211	Systems Analysis
CSCI	3301	Database Technologies
CSCI	4921	Software Project Management

Plus one upper-division CSCI elective.

Computer Science Minor

Return to List of Minors

COMPUTER SCIENCE

Four CSCI core courses (listed below) plus four CSCI upper-division courses:

DEPT	COURSE #	TITLE
CSCI	1911	Foundations of Programming (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 Minor

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CRIMINAL JUSTICE

Complete one lower-division and four upper-division Criminal Justice courses (15 credits):

DEPT	COURSE #	TITLE
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 Minor

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DIPLOMACY AND MILITARY STUDIES

Any five of the following upper-division courses with at least one from both HIST and PSCI:

DEPT	COURSE #	TITLE
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	3900	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 Minor

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EAST-WEST CLASSICAL STUDIES

Five courses as listed below:

Required:

DEPT	COURSE #	TITLE
CLST	1000	Great Books East and West

Choose 4 additional courses: any 2 from Western Traditions and any 2 from Eastern traditions:

Western Traditions:

DEPT	COURSE #	TITLE
ARTH	3206	Renaissance to Modern Art
CLST	3030	Ancient Drama
CLST	3100	Gender in Classical Greek Myth, Literature, and Religion
CLST	4900	Seminar in East-West Classical Studies (topics to vary)
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	3151	Bible as Literature
REL	3152	Early Christian Literature
REL	3600	War in World Religions
REL	3700	Gender in the Bible
REL	4900	Seminar in Religious Studies (topic to vary)

Eastern Traditions:

DEPT	COURSE #	TITLE
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)
HIST	3326	Cultural History of Japan
HIST	3362	History of India
MUS	3100	Theatre Music of the World
PHIL	3300	History of Asian Philosophies
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.

Editing and Publishing Minor

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EDITING AND PUBLISHING

12 upper-division credits chosen from this list (courses in this list are 3 credits unless other specified):

DEPT	COURSE #	TITLE
AL	3120	English Sentence Structure
MC	3120	Writing for Digital Media
MC	3900	News Writing for *Kalamalama* (1credit, repeatable)*
WRI	3510	Composition Studies
WRI	3391	Wanderlust: Student Literary Magazine
WRI	3930	Fresh Perspectives (1-3 credits, repeatable)*
WRI	3951	Staff Reader, *Hawai'i Pacific Review* (1 credit, repeatable)*
WRI	3953	Managing Editor, *Hawai'i Pacific Review*
WRI	3990	Internship (1–3 credits, with an editing/publishing focus)*
WRI	4990	Advanced Revision Workshop (1–3 credits)

**1-credit courses may count up to 3 credits each toward the minor*

English Minor

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ENGLISH

Five courses (15 credit hours) including:

DEPT	COURSE #	TITLE
HUM	3900	Research and Writing in the Humanities

Plus any two 3000- or 4000-level ENG courses

Plus two courses chosen from:

DEPT	COURSE #	TITLE
ENG	2100	Reading Literature, Film and Culture

Any 3000- or 4000-level ENG course

Any 3000-level WRI course

Environmental Studies Minor

Return to List of Minors

ENVIRONMENTAL STUDIES

Complete one or both of the following:

DEPT	COURSE #	TITLE
ENVS	3010	Environmental Impact Analysis
ENVS	3030	Earth Systems and Global Change

Plus four or five of the following:

DEPT	COURSE #	TITLE
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 Minor

Return to List of Minors

FILM STUDIES

Five courses:

DEPT	COURSE #	TITLE
ENG	3330	Film Theory and Criticism

Plus any four of the following:

DEPT	COURSE #	TITLE
COM	3260	Film as Communication
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
MULT	2000	Global Cinema Studies
MULT	4590	Feature Film Screenwriting
PHIL	3260	Exploring Film
PSCI	3620	Politics and Film
WRI	3320	Scriptwriting

Finance Minor

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FINANCE

Four upper-division courses:

DEPT	COURSE #	TITLE
FIN	3300	Investments
FIN	3400	Financing in the Money and Capital Markets
FIN	3000	Business Finance
FIN	3200	Personal Finance

Forensic Science Minor

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FORENSIC 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:

DEPT	COURSE #	TITLE
CJ	3550	Crime Scene Investigation: Theories and Practice
CJ	3973	Criminalistics and the Investigation of Injury and Death
CJ	3974	Forensic Science Experiential Learning
PSY	3310	Forensic Psychology

Choose from one of the following elective courses:

DEPT	COURSE #	TITLE
CJ	3510	Crime Victims and Justice
CJ	3560	Family Violence
CJ	3600	Special Topics (topic must be approved)
PSY	3600	Abnormal Psychology
PH	3025	Sexuality in Health and Society (SWRK 3025)

Gender and Women's Studies Minor

Return to List of Minors

GENDER AND WOMEN'S STUDIES

Five courses:

DEPT	COURSE #	TITLE
HUM	1270	Introduction to Women's Studies

Plus four courses from the following list below. No more than 3 courses may have the same alpha (alphabetic prefix such as ENG, HIST, or PSCI):

DEPT	COURSE #	TITLE
ARTH	3611	Art and the Human Body
CLST	3100	Gender in Classical Greek Myth, Literature, and Religion
CJ	3540	Women, Minorities, and Justice
COM	2500	Sex and Gender in Communication Contexts
ENG	3250	Texts and Gender
ENG	3251	Sex, Power, and Narrative
ENG	3252	20th-Century American Women Writers of Color
HIST	3070	History of Sexuality
HIST	3170	Gender and Sexuality in the Classical World
HIST	3270	Gender in Medieval and Early Modern Europe
HIST	3470	Women in America
PH	3025	Sexuality in Health and Society
PSCI	3550	Women and Politics
PSY	3440	Psychology of Gender
REL	3700	Gender in the Bible

Or other special topic courses pertinent to the study of gender. Please consult the Faculty Advisor to determine applicability to the minor.

Health Education and Promotion Minor

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HEALTH EDUCATION AND PROMOTION

The minor in Health Education and Promotion provides a foundation in health education and health promotion methods and allows students to choose from areas of health of interest. This Minor is designed to be useful in a variety of fields such as nursing, pre-medicine, social work, psychology, journalism, sustainability, business, education, and public administration.

Students must take at least four courses:

Required:

DEPT	COURSE #	TITLE
PH	1000	Introduction to Personal Health
PH	3030	Health Behavior Theory and Program Planning

Choose two:

DEPT	COURSE #	TITLE
PH	2010	Drugs and Society
PH	2020	Human Diseases and Conditions
PH	3015	Culture and Health
PH	3020	Epidemiology
PH	3025	Sexuality in Health and Society
PH	3050	Global Health
PH	3065	Environmental Health
PH	3090	Public Health Communication

History Minor

Return to List of Minors

HISTORY

Any five upper-division HIST courses beyond any single 1000-level HIST course.

Hospitality and Tourism Management Minor

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HOSPITALITY AND TOURISM MANAGEMENT

Four upper-division courses beyond the upper-division business requirements and one credit HTM work experience:

DEPT	COURSE #	TITLE
HTM	3110	Hotel and Resort Management
HTM	3210	Food and Beverage Management
HTM	3610	Travel Industry Marketing
HTM	3220	Special Events Management
HTM	3990	Internship

Human Resource Development Minor

Return to List of Minors

HUMAN RESOURCE DEVELOPMENT

Four upper-division courses from the following list:

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
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

Human Rights Minor

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HUMAN RIGHTS

To complete a minor in Human Rights students must complete these core courses:

DEPT	COURSE #	TITLE
INTR	3350	International Human Rights
INTR	3375	Civil Resistance and Non-Violent Movements

And any combination of 3 of the following:

DEPT	COURSE #	TITLE
HIST	3225	Enlightenment and the French Revolution
HIST	3470	Women in America
HIST	3571	The African Diaspora
HIST	3670	Racism, Violence, and Genocide
INTR	3000	International Relations
INTR	3250	Peace Building and Conflict Management
INTR	3275	Global Governance
INTR	3300	International Law
INTR	3500	Global Systems and Development
PHIL	4500	Global Justice
PSCI	3550	Women and Politics
PSCI	3560	The Politics of Culture and Race
REL	3000	Religion, Sacrifice, and Violence
REL	3600	War in World Religions

Humanities Minor

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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 Minor

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INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY

Six upper-division courses beyond PSY 1000:

DEPT	COURSE #	TITLE
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):

DEPT	COURSE #	TITLE
PSY	3120	Group Dynamics in Organizations
PSY	3300	Social Psychology
PSY	3500	Tests and Measurements in Psychology

International Business Minor

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INTERNATIONAL BUSINESS

Four upper-division courses include:

DEPT	COURSE #	TITLE
ECON	3400	International Trade and Finance
MGMT	3300	International Business Management
MKTG	3420	International Marketing

And one of two upper-division courses below:

DEPT	COURSE #	TITLE
MKTG	3630	Global Distribution and Supply Chain Marketing
INTR	3100	International Political Economy

International Studies Minor

Return to List of Minors

INTERNATIONAL STUDIES

A total of five courses (15 credits) is required, four of them at the upper-division level:

One lower-division course from:

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
HIST	3XXX	Any 3000-level HIST course
INTR	3000	International Relations
PSCI	3500	Comparative Politics

Plus one additional upper-division (3000- or 4000-level course in ANTH, ENVS, GEOG, HIST, INTR, PSCI or SOC.

Japanese Minor

Return to List of Minors

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):

DEPT	COURSE #	TITLE
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 Nations: Japan

* For a current list of Partner Schools, please contact the Office of International Exchange and Study Abroad.

Management Minor

Return to List of Minors

MANAGEMENT

Four upper-division courses:

DEPT	COURSE #	TITLE
MGMT	3440	Organizational Planning and Development
MGMT	3000	Management and Organization Behavior
MGMT	3110	Production and Operations Management
MGMT	3400	Human Resources Management

Marketing Minor

Return to List of Minors

MARKETING

Four upper-division courses beyond MKTG 3000:

DEPT	COURSE #	TITLE
MKTG	3100	Consumer Behavior
MKTG	3110	Market Research
MKTG	3420	International Marketing
MKTG	4400	Marketing Management

Mathematics Minor

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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- or 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 Minor

Return to List of Minors

MEDIA STUDIES

Five courses:

Two of the following:

DEPT	COURSE #	TITLE
MULT	2000	Global Cinema Studies **or** MULT 2060 Modern Media Systems
COM	3300	Mass Media **or** COM 3680 Rhetorical Theory **or** COM 3900 Communication Theory

Three of the following:

DEPT	COURSE #	TITLE
COM	3260	Film as Communication
COM	3270	Film Genre
COM	3750	Global Communication Cases
COM	3770	Media Literacy
COM	3780	Media Convergence

Multimedia Minor

Return to List of Minors

MULTIMEDIA

Five courses

DEPT	COURSE #	TITLE
MULT	2000	Global Cinema Studies **or** MULT 2060 Modern Media Systems
MULT	2460	Graphic Design Studio **or** MULT 2465 Video Production

Plus any three 3000 level or higher MULT courses

Music Minor

Return to List of Minors

MUSIC

Total of 17 credits in three areas are required. At least 12 credits must be upper-division.

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
MUS	3210	Applied Music (solo) (1 credit)
MUS	3211	Applied Music (solo) (2 credits)

and 2–4 credits of ensemble/chamber courses:

DEPT	COURSE #	TITLE
MUS	1710	International Chorale (voice placement audition required)
MUS	3210	Applied Music (trio, quartet, quintet) (1 credit)
MUS	3211	Applied Music (trio, quartet, quintet) (2 credits)
MUS	3700	Hawaiian Ensemble (audition required)
MUS	3710	International Vocal Ensemble (audition required)

For all other instrumentalists and vocalists, 2–4 credits of applied music:

DEPT	COURSE #	TITLE
MUS	3210	Applied Music (solo instrument or ensemble) (1 credit)
MUS	3211	Applied Music (solo instrument or ensemble) (2 credit)

and 4–6 credits of ensemble courses:

DEPT	COURSE #	TITLE
MUS	3700	Hawaiian Ensemble (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):

DEPT	COURSE #	TITLE
MUS	3010	Jazz History
MUS	3020	Vocal Pedagogy
MUS	3030	History of American Musical Theatre
MUS	3100	Theatre Music of the World
MUS	4000	Topics in Music (repeatable)
PHIL	3501	Philosophy of Art and Aesthetics
PSY	3160	Psychology of Music

Oceanography Minor

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OCEANOGRAPHY

The minor requires at least 17 credit hours in MARS courses:

DEPT	COURSE #	TITLE
MARS	1020	Oceanographic Field Techniques
MARS	3000	General Oceanography
MARS	3001	General Oceanography Lab
MARS	3002	Ocean Biology
MARS	3003	Ocean Biology Lab

Choose at least two courses from the following list:

DEPT	COURSE #	TITLE
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 Minor

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PHILOSOPHY

Five courses:

Two of the following:

DEPT	COURSE #	TITLE
PHIL	1001	Philosophy of Hawai‘i and the Pacific
PHIL	2090	Principle of Logic
PHIL	2500	Ethics in America

Plus any two upper-division Philosophy courses

And one upper-division Humanities course (ARTH, CLST, ENG, HIST, HUM, PHIL, REL)

Physical Sciences Minor

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PHYSICAL SCIENCES

DEPT	COURSE #	TITLE
CHEM	3020	Physical Chemistry
GEOL	3040	Geochemistry
PHYS	2054	Modern Physics

Plus two courses from the following, but no more than one from any alpha:

DEPT	COURSE #	TITLE
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 Minor

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POLITICAL SCIENCE

Six upper-division Political Science or International Studies courses beyond PSCI 1400 or PSCI 2000 or PSCI 2500.

Pre-Medical Studies Minor

Return to List of Minors

PRE-MEDICAL STUDIES

This minor is designed to provide students with the prerequisites needed for medical school, and to help students prepare for the MCAT. It requires 43 credits, and at least four of these courses (lecture, laboratory, or internship) must be outside the requirements for the student's major.

Lower-Division requirements (27 Credits)

DEPT	COURSE #	TITLE
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 **or** PHYS 2050 General Physics I
PHYS	2031	College Physics I Laboratory **or** PHYS 2051 General Physics I Lab
PHYS	2032	College Physics II **or** PHYS 2052 General Physics II
PHYS	2033	College Physics II Laboratory **or** PHYS 2053 General Physics II Lab
PMED	2910	PreHealth Professions Seminar I

Upper-Division requirements (10 Credits)

DEPT	COURSE #	TITLE
CHEM	3030	Organic Chemistry I
CHEM	3031	Organic Chemistry II Laboratory
CHEM	3032	Organic Chemistry II
CHEM	3033	Organic Chemistry II Laboratory
PMED	3910	PreHealth Professions Seminar II
PMED	3950	Pre-Medical Studies Practicum

Upper-Division Electives (6 Credits)

Take a minimum of 6 credits from the following:

DEPT	COURSE #	TITLE
BIOL	3034	Human Physiology
BIOL	3035	Human Physiology Lab
BIOL	3036	Human Anatomy
BIOL	3037	Human Anatomy Lab
BIOL	3040	General Microbiology
BIOL	3041	General Microbiology Lab
BIOL	3170	Cell and Molecular Biology
BIOL	3171	Cell and Molecular Biology Laboratory
BIOL	4020	Cancer Biology
BIOL	4050	Developmental Biology
BIOL	4210	Neurobiology
BIOL	4220	Immunology
CHEM	4030	Biochemistry I
CHEM	4031	Biochemistry I Laboratory

Psychology Minor

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PSYCHOLOGY

Six upper-division Psychology courses beyond PSY 1000:

Note: PSY 2100 and PSY 2200 or other approved Statistics (MATH 1123) and Research Methods (SOC 3100) courses are required for most upper-division PSY courses.

Public Administration Minor

Return to List of Minors

PUBLIC ADMINISTRATION

15 credits as outlined below:

Take all of the following (12 credits):

DEPT	COURSE #	TITLE
CJ	3000	Ethics & Justice **or** 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):

DEPT	COURSE #	TITLE
PADM	3400	Public Personnel Administration
PADM	3500	Public Finance and Budgeting
PADM	3600	Non-Profit Management
PADM	3700	Urban Governance

Public Health Minor

Return to List of Minors

PUBLIC HEALTH

The Minor in Public Health provides a foundation of core public health practice competencies and knowledge. This Minor is designed to be useful in a variety of fields such as nursing, pre-medicine, social work, psychology, journalism, sustainability, business, education, and public administration.

Students must take at least four courses.

Required:

DEPT	COURSE #	TITLE
PH	1200	Introduction to Public Health
PH	3020	Epidemiology

Choose two:

DEPT	COURSE #	TITLE
PH	3015	Culture and Health
PH	3030	Health Behavior Theory and Program Planning
PH	3065	Environmental Health
PH	3090	Public Health Communication
PH	4010	Health Policy Analysis
PH	4040	Public Health Research Methods

Religious Studies Minor

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RELIGIOUS STUDIES

DEPT	COURSE #	TITLE
REL	1000	Introduction to World Religions

Choose four courses from the following, at least two of which must be designated as REL (12 credits):

DEPT	COURSE #	TITLE
ARTH	3206	Renaissance to Modern 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	Gender in Classical Greek Myth, Literature, and Religion
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	Theatre Music of the World
PHIL	3300	History of Asian Philosophies
PSCI	3525	Islam and Politics
REL	3000	Religion, Sacrifice and Violence
REL	3151	The Bible as Literature
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	Gender in the Bible
REL	4002	Religions, Sustainability, and Globalization

OR any other upper-division REL course

Screenwriting Minor

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SCREENWRITING

The Screenwriting Minor requires students to take courses in short scriptwriting, feature film screenwriting, scripting and production sources, and critical studies and analysis of media texts.

Required courses:

DEPT	COURSE #	TITLE
WRI	3320	Scriptwriting
MULT	4590	Feature Film Screenwriting (Or COM 6590 for concurrent program students)

One of the following:

DEPT	COURSE #	TITLE
MC	3120	Writing for Digital Media
MULT	3600	Creative Narrative Production
MULT	3750	Motion Graphics and Animation

One of the following:

DEPT	COURSE #	TITLE
COM	3260	Film as Communication
COM	3270	Film Genre
ENG	3101	Shakespeare on Screen
ENG	3227	Hawai'i and the Pacific in Film
ENG	3330	Film Theory and Criticism
ENG	3350	Literature Adapted to the Screen

Social Sciences Minor

Return to List of Minors

SOCIAL SCIENCES

Six upper-division Social Science courses:

DEPT	COURSE #	TITLE
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 Minor

Return to List of Minors

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):

DEPT	COURSE #	TITLE
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 Minor

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SPEECH COMMUNICATION

Five courses:

One lower-division course:

DEPT	COURSE #	TITLE
COM	2000	Public Speaking
COM	2640	Argumentation and Debate

Four upper-division courses:

DEPT	COURSE #	TITLE
COM	3320	Persuasion
COM	3440	Advanced Public Speaking
COM	3641	Argumentation & Debate Practicum
COM	3680	Rhetorical Theory
COM	3900	Communication Theory

Strategic Communication Minor

Return to List of Minors

STRATEGIC COMMUNICATION

Five courses or 15 Credits:

Take the following lower-division requirement:

DEPT	COURSE #	TITLE
MC	1000	Mass Media Today

Choose any four upper-division MC courses:

DEPT	COURSE #	TITLE
MC	3120	Writing for Digital Media
MC	3300	Social Media
MC	3700	Creativity and Copywriting
MC	3720	Audience Behavior
MC	3730	New Media Strategies and Sales
MC	3740	Crisis Communication
MC	3750	Special Events Planning
MC	3910	Special Topics in Mass Communication

Studio Art Minor

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STUDIO ART

Six courses:

One required course:

DEPT	COURSE #	TITLE
ARTS	2010	Beginning Drawing

Choose one of the following courses:

DEPT	COURSE #	TITLE
ARTS	2020	Intermediate Drawing
ARTS	2150	Introduction to Design
MULT	2460	Graphic Design

Choose four of the following courses:

DEPT	COURSE #	TITLE
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

Sustainability Minor

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SUSTAINABILITY

Six courses:

One required course:

DEPT	COURSE #	TITLE
ENVS	2000	Principles of Environmental Science

Plus any five of the following courses:

DEPT	COURSE #	TITLE
ECON	3430	Environmental Economics
ENVS	1000	The Sustainability Challenge
ENVS	1030	Tropical Ecology and Sustainability
ENVS	3002	Applications of Environmental Science
ENVS	3020	The Environmental Policy Process
ENVS	3030	Earth Systems and Global Change
ENVS	3200	Photovoltaic Systems Design
ENVS	3600	Natural Resource Management
ENVS	4040	Sustainable Building Design
ENVS	4950	Environmental Studies Practicum
GEOG	3700	Sustainable Cities
MARS	4100	Marine Resource Management: Culture and Sustainability
SWRK	2010	Social Sustainability, Social Entrepreneurship, and Social Work

Teaching English to Speakers of Other Languages Minor

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TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES

DEPT	COURSE #	TITLE
AL	2000	Introduction to Applied Linguistics

Plus twelve credits in upper division Applied Linguistics courses.

Theatre Minor

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THEATRE

The minor in theatre has a total of 17 credits.

Required Courses:

DEPT	COURSE #	TITLE
THEA	2000	Theatre Production (2 Credits) Students receive one credit if they join a production from tech week through closing. Students receive two credits if they join at the beginning of the production. This course is repeatable for up to 4 credits. However, only 2 credits are required for the minor.

Choose One:

DEPT	COURSE #	TITLE
THEA	1400	Introduction to Technical Theatre
THEA	3520	Acting II: Advanced Acting

The remaining twelve credits can be fulfilled by any of the following upper-division courses from the list below. Six of these credits must be from the THEA alpha:

DEPT	COURSE #	TITLE
COM	3260	Film as Communication
ENG	4100	Shakespeare Seminar
MUS	3030	History of American Musical Theatre
MUS	3100	Theatre Music of the World
PHIL	3501	Philosophy of Art and Aesthetics
THEA	3500	Applied Technical Theater
THEA	3520	Acting II: Advanced Acting
THEA	3600	Advanced Technical Theater
THEA	3620	Directing
THEA	4900	Seminar in Theatre
THEA	4950	Theatre Performance
WRI	3320	Scriptwriting

Writing Minor

Return to List of Minors

WRITING

15 upper-division credits

Choose any of the following for a total of 15 semester credits:

DEPT	COURSE #	TITLE
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
MC	3700	Creativity and Copywriting
MC	3900	News Writing for *Kalamalama* (1credit, repeatable)
MULT	4590	Feature Film Screenwriting
SWRK	3300	Writing and Research in Social Work
WRI	3310	Poetry Workshop
WRI	3320	Scriptwriting
WRI	3330	Fiction Writing Workshop
WRI	3340	Creative Nonfiction Writing Workshop
WRI	3391	Wanderlust: Student Literary Magazine
WRI	3420	Grant Writing
WRI	3510	Composition Studies (3–4 credits)
WRI	3930	Fresh Perspectives (1-3 credits, repeatable)
WRI	3951	Staff Reader, *Hawai'i Pacific Review* (1 credit, repeatable)
WRI	3953	Managing Editor, *Hawai'i Pacific Review*
WRI	3990	Internship (1–3 credits)
WRI	4990	Advanced Revision Workshop (1–3 credits)
WRI	4997	Directed Readings in Writing (1-3 credits)

Students are encouraged to take at least three credits in internship or practicum courses such as WRI 3391, 3510, 3930, 3951, 3953, 3990 and MC 3900.

Graduate Studies Overview

INTRODUCTION TO GRADUATE EDUCATION

The goal of graduate education 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 and technical and communication skills are part of the curriculum to prepare the graduate to become a decision-making professional, complete with the attitudes and abilities necessary 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 graduate programs 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.

Graduate Academic Advising

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 your graduate program chair.

Academic Policy and Procedures

Academic Policy and Procedures

Course Loads

During fall and spring terms, a graduate student is required to take 8 credits for College of Business programs, or 9 credits for all other programs 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.

During the summer terms, a graduate student is required to take 8 credits to be considered full-time.

During the winter terms, a graduate student is required to take 2 credits to be considered full-time.

HPU offers two 8-week modules within the 16-week Fall and Spring terms. To maintain continuous full-time enrollment for VA certifying purposes, a student in the College of Business graduate programs must take at least 4 credits in each 8-week module. All other graduate program students must take at least 5 credits in each 8-week module. In the 14-week summer term, HPU offers two 7-week modules. To maintain continuous full-time enrollment for VA certifying purposes, a graduate student must take at least 4 credits in each 7-week module.

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 internship credits. Students may apply a total of three credit hours (four for College of Business programs) toward a concentration. See internship sections.

Students interested in this program should contact the Career Development 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, subject to the discretion of each 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.

Graduate Studies Overview

Academic Credits and Grades

Academic Credits and Grades

Credits

The University typically awards three credit hours (four for College of Business) 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

MADMS, MAGLSD, MPH, 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. MAODC, MBA, and MSBAIS students may transfer up to 12 credit hours, but must meet course equivalency requirements as determined by the College of Business, and must complete at least 32 credits (33 credits for MSBAIS) hours of courses (including transfer credits) in order to graduate. MATESOL students may transfer up to 9 credit hours unless otherwise specified through inter-institutional agreements. The DPT program does not accept transfer credits.

For any graduate program not listed above, the general rule is students may transfer up to 50% of the credit hour requirement for the particular degree. For example, a student seeking a graduate degree that requires 42 credit hours may be eligible to transfer up to 21 credit hours pertinent to the program. Please contact the Office of Admission for any questions.

Students who have completed military or institutional training of a formal nature (such as the Naval War College, etc.) may be considered for transfer credit on the basis of recommendations of the American Council on Education (ACE).

Requirements for transfer of credit are as follows:

1. The student must have completed a baccalaureate degree at the time he or she took the course(s) in question and have been accorded graduate status. Courses to be transferred must clearly be graduate-level courses;
2. The course(s) being considered must have been completed no more than five years before initial enrollment in the HPU graduate program and no more than seven years before completion of relevant HPU degree;
3. The student must have earned a B or better in each of the courses considered for transfer;
4. Transferred courses to be applied against core courses must be the same in terms of curriculum and developed competencies. No transfer credit will be awarded to replace the Hawai'i Pacific University capstone courses;
5. The student must provide official transcripts from all institutions from which they are requesting official transfer credit, 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.

Specific requirements for the transfer of credit to the Clinical Psychology Doctoral Program:

Courses for which a student seeks transfer credit must:

1. have been taken at a regionally accredited institution
2. have been taken at the graduate level
3. have been taken within 10 years of the student's date of matriculation
4. have received a grade of B or better
5. meet the Profession-Wide Competency required content mastery assigned to the course in our curriculum
6. be reviewed and approved by the Chair of the Department of Psychology

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.

Individual graduate programs may have a different grade scale. Please refer to the individual program policies for the program grade scale.

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	*Does not affect GPA but will permanently appear on transcript*
P	PASSING	*Does not affect GPA*
CR	CREDIT	*Does not affect GPA*
NC	NO CREDIT	*Does not affect GPA*

Honors at Graduation

Students with a minimum HPU grade point average (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 on all HPU course work including repeated courses

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 (8 for College of Business) 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 (8 for College of Business) 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.

DPT students on probation must take the full academic term course load to progress in the program so credits could be up to 11 credits in an 8-week term (Summer, Fall, Spring).

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.

At the Graduate level, an academic dismissal may be a complete dismissal from the University entirely; or, it may be a Program Dismissal. A Program Dismissal is a dismissal from a specific academic program/field of study and means that the student will no longer be permitted to continue in that field of study. A student who is dismissed from a Graduate program may re-apply to the University to pursue a different program and is subject to the admissions criteria for that new program.

Graduate Studies Overview

Capstone Requirement

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 program 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 OC 7000 course. The grades awarded for 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 OC 7000, NUR 7000, or COM 7299 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 in OC 7000 must start the sequence again, beginning with 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 students 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.

Graduate Studies Overview

Professional Paper Retake Policy

Professional Paper Retake Policy

Normally, students should complete the professional paper course sequence for the MBA, MA/COM, MA/HR, MA/GLSD, and MA/OC within one year of first enrollment in 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.

Graduate Studies Overview

Graduate Capstone Courses

SUMMARY OF GRADUATE CAPSTONE COURSES		
DEGREE PROGRAM	**OPTION**	**CAPSTONE COURSES**
Master of Arts in Strategic Communication		COM 7150 Capstone I COM 7250 Capstone II
Master or Arts in Diplomacy and Military Studies		HIST 7601 Seminar: Research Methods in Diplomacy & Military Studies (3 Cr.) HIST 7602 Capstone Seminar: Writing in Diplomacy & Military Studies (3 Cr.) HIST 7603 Capstone Seminar: Thesis Writing in Diplomacy & Military Studies (variable 1–9 Cr.)
Master of Arts in Sustainability		SUST 7100 SUST Professional Paper I (3 Cr.) SUST 7200 SUST Professional Paper II Capstone (3 Cr.)
Master of Arts in Human Resource Management		HR 7021 Certification Seminar in Human Resources (3 Cr.)
Master of Arts in Organization Development and Change		ODC 7000 Applied Research (3 Cr.)
Master of Arts in Teaching English to Speakers of Other Languages		AL 7099 Practicum II and Capstone (3 cr.)
Master of Business Administration		MGMT 7004 MBA Capstone Project (3 cr.) BUS 7999 MBA: A Hui Hou (1 Cr.)
Master of Education in Elementary Education		ED 6511 Elementary Education Clinical Practice I (3 Cr.) ED 6512 Elementary Education Clinical Practice II (3-6 Cr.)
Master of Education in Secondary Education		ED 6521 Secondary Education Clinical Practice I (3 Cr.) ED 6522 Secondary Education Clinical Practice II (3-6 Cr.)

Master of Education in Educational Leadership		ED 6695 Capstone Research (3 Cr.)
Master of Public Administration		PADM 7001 Professional Paper I (3 Cr.) PADM 7002 Professional Paper II (3 Cr.)
Master of Public Health		PH 7000 Public Health Capstone (6 Cr.)
Master of Science in Business Analytics and Information Systems		IS 7500 MSBAIS Integrated Capstone (3 Cr.)
Master of Science in Criminal Justice		CJ 7001 Professional Paper I (3 Cr.) CJ 7002 Professional Paper II (3 Cr.)
Master of Science in Marine Science		NSCI 7000 Thesis (3 Cr.)
Master of Science in Nursing		NUR 7000 Professional Paper/Project Proposal (3 Cr.)
Master of Social Work		SWRK 7350 Integrative Seminar in Advanced Generalist Practice
Doctor of Physical Therapy		DPT 8330 Capstone I (1 Cr.) DPT 8340 Capstone II (2 Cr.)

Graduate Studies Overview

Enrollment Status and Continuous Registration

Enrollment Status and Continuous Registration

Graduate students enrolled in 9 or more credit hours of coursework in the Fall, Spring, and Summer terms are considered to be in full-time enrollment status.

Graduate students who are enrolled in the Capstone, Thesis, or Dissertation courses listed below will be certified as in full-time status, even if the total credit load is below 9 credit hours for that term. These courses have been identified by their programs to be equivalent to full-time status:

PROGRAM	COURSE	TITLE
Master of Art in Diplomacy and Military Studies	HIST 7602	Capstone Seminar: Writing in Diplomacy & Military Studies
Master of Art in Diplomacy and Military Studies	HIST 7603	Capstone Seminar: Thesis Writing in Diplomacy & Military Studies
Master of Arts in Organizational Development and Change	ODC 7000	Professional Project
Master of Arts in Sustainability	SUST 7100	Professional Paper I
Master of Arts in Sustainability	SUST 7200	Professional Paper II
Master of Arts in Teaching English to Speakers of Other Languages (TESOL)	AL 7099	Practicum II and Capstone
Master of Public Health	PH 6500	Public Health Field Training
Master of Public Health	PH 7000	Public Health Capstone
Master of Science in Marine Science	NSCI 7000	Master's Thesis Capstone
Doctorate in Clinical Psychology	PSY 9003	Dissertation Completion
Doctorate in Clinical Psychology	PSY 9050	Predoctoral Internship
Doctor of Nursing Practice	NUR 9010	Doctoral Project I
Doctor of Nursing Practice	NUR 9020	Doctoral Project II
Doctor of Nursing Practice	NUR 9030	Doctoral Project III
Doctor of Physical Therapy	DPT 8340	Capstone II

Students who have completed all other coursework required by the program but require additional time to complete the thesis or dissertation may be certified by the program for full-time enrollment status through Continuous Registration, which is billed as one-credit of tuition. Students must maintain satisfactory academic progress and make timely progress towards the completion of the degree, as specified by the program. Please consult the program catalog requirements for specific information for individual programs. This page will be updated with the specific courses that have been approved to qualify as full-time status under the Continuous Registration policy.

PROGRAM	COURSE	TITLE
Doctorate in Clinical Psychology	PSY 9004	Dissertation Completion
Doctorate in Clinical Psychology	PSY 9005	Dissertation Completion

Master of Business Administration

MASTER OF BUSINESS ADMINISTRATION

PROGRAM LEARNING OUTCOMES

Students who complete the Master of Business Administration will be able to:

1. *Explain theories in the functional areas of business*
2. *Use effective teamwork skills*
3. *Produce persuasive oral and written communication to business audiences*
4. *Develop solutions to problems using business principles*

Master of Business Administration

Requirements

PREREQUISITES

While there are no business course prerequisites, potential students must demonstrate strong quantitative ability and effective written and oral communication skills. MBA foundation courses or modules may be requested from applicant.

The core course is designed to provide a foundation in business knowledge and skills. Elective courses build upon the business core and center on the further development of an optional graduate certificate. There may be additional requirements that vary by graduate certificate. Student must complete all elective course prior to completion of MBA Capstone course.

CORE COURSES (28 CREDITS)

DEPT	COURSE #	TITLE
BUS	5001	MBA: Hoʻomakaukau
MGMT	6002	Leadership of Self and Others
MKTG	6001	Strategic Marketing in the Digital Age
IS	6041	Business Analytics for Big Data Revolution
ACCT	6001	Financial Information for Managers in the 4th Industrial Revolution
ECON	6001	Economics of Global Competitiveness and Strategy
MGMT	6331	Managing Across Borders in the 21st Century
FIN	6001	Complex Financial Decision Making in the New Age of Technology
MGMT	6900	Strategic Management in the Fourth Industrial Revolution

Elective Course (approved by program chair)

CAPSTONE COURSES (4 CREDITS)

DEPT	COURSE #	TITLE
MGMT	7004	MBA Capstone Project
BUS	7999	MBA: A Hui Hou

OPTIONAL ELECTIVES IN RESEARCH or a GRADUATE CERTIFICATE PROGRAM

Choose any COB graduate elective course (approved by program chair) or coursework in any of the approved graduate certificates for deeper specialization.

COLLEGE/DEPT	MAX # OF CREDITS	CERTIFICATE
COB	9	Graduate Certificate in Business Analytics
CLA	12	Post-Baccalaureate Certificate in Environment, Policy, and Leadership
CLA	12	Graduate Certificate in Global Leadership and Sustainable Development
CLA	12	Graduate Certificate in National Security and Strategic Studies
CPS	15	Graduate Certificate in Nonprofit Management
CPS	12	Graduate Certificate in Organization Development and Change
CLA	12	Graduate Certificate in Sustainability and Security Studies
CLA	18	Graduate Certificate Teaching English to Speakers of Other Languages (TESOL)

Master of Science in Business Analytics & Information Security

MASTER OF SCIENCE IN BUSINESS ANALYTICS & INFORMATION SECURITY

PROGRAM LEARNING OUTCOMES

Students who complete the Master of Science in Business Analytics and Information Security will:

1. *Model business solutions involving people, processes, and information.*
2. *Manage, analyze, and report business data.*
3. *Develop an information security plan for a business environment.*
4. *Create effective oral and written communication*

The goal of the Master of Science in Business Analytics and Information Security program is to produce informed and capable information scientists. Upon completion, students will have demonstrable knowledge of planning, managing, securing, and analyzing information in different business scenarios. Students will also have demonstrable knowledge of the organizational, social, political, ethical, and technological implications.

Master of Science in Business Analytics & Information Security

Requirements

The program requires a minimum of 33 semester hours of graduate work. The 33 semester hours are divided into 33 semester hours of core course and 3 semester hours of capstone course.

CORE COURSES (21 SEMESTER CREDITS)

DEPT	COURSE #	TITLE
IS	6006	Information Systems Management
IS	6022	Methods in Project Management
IS	6041	Business Analytics for the Big Data Revolution
IS	6341	Information Security Foundations
IS	6066	Enterprise Data Management
IS	6281	Data Mining for Big Data Analytics
IS	6351	Information Security Management

CAPSTONE COURSE (3 SEMESTER CREDITS)

DEPT	COURSE #	TITLE
IS	7500	MSBAIS Integrated Capstone

ELECTIVE COURSES (9 SEMESTER CREDITS)

MSBAIS students can fulfill their elective requirement by taking three of the following three credit courses:

DEPT	COURSE #	TITLE
IS	6230	Knowledge Management
IS	6260	Network Analysis
IS	6360	Big Data
IS	6990	Non-paid Internship
IS	6997	Special Topics in Information Systems
IS	6998	Directed Studies in Information Systems

Master of Science in Criminal Justice

MASTER OF SCIENCE IN CRIMINAL JUSTICE

The Master of Science in Criminal Justice (MSCJ) degree is designed for those who want to advance in the field of criminal justice and seek a deeper understanding of criminal justice issues for application in related fields. This MSCJ Program looks at the complex issues that surround crime and justice and helps students develop the skills and techniques used by criminal justice leaders so they can apply principles of leadership in organizational settings, as well as gain an informed perspective of law enforcement, the judicial system, and corrections at the managerial levels. Vulnerable populations, organizational leadership and change, and technological advances in the field of criminal justice are also covered.

PROGRAM LEARNING OUTCOMES

Students who complete the Master of Science in Criminal Justice will:

1. *Apply critical thinking skills to identity, analyze, and address crime and criminal justice issues.*
2. *Locate, access, evaluate, synthesize and use scholarly sources of information related to crime theory and policy.*
3. *Effectively communicate in Writing and speaking in the presentation of criminology and justice principles and their applications to issues, situations, and research.*
4. *Develop a fundamental commitment to ethical analysis in the practice of criminal justice that considers human rights, integrity, and accountability.*
5. *Demonstrate advanced knowledge and understanding of research methods, statistics and program evaluation techniques.*

Master of Science in Criminal Justice

Requirements

CORE COURSES (18 CREDITS)

DEPT	COURSE #	TITLE
CJ	6700	Leadership and Ethics
CJ	6710	Civil Liability and Civil Rights Challenges
CJ	6720	Criminal Justice Organizations
CJ	6750	Administrative and Constitution Procedures for Professionals
PADM	6000	Public Administration and Public Service
PADM	6300	Statistical Analysis for Effective Decision Making

CAPSTONE COURSE (6 CREDITS)

DEPT	COURSE #	TITLE
CJ	7001	Professional Paper I
CJ	7002	Professional Paper II

ELECTIVES (12 CREDITS)

DEPT	COURSE #	TITLE
CJ	6730	Contemporary Issues in Criminal Justice
CJ	6740	Media and the Criminal Justice Professions
CJ	6760	Hostage/Crisis Negotiations
CJ	6998	Special Topics in Criminal Justice
CJ	6990	Internship
HMLD	6000	Homeland Security
PADM	6100	Public Personnel Management
PADM	6400	Public Policy
PADM	6610	City Management and Urban Policy
PADM	6640	Diversity in the Workplace

Master of Arts in Diplomacy and Military Studies

MASTER OF ARTS IN DIPLOMACY AND MILITARY STUDIES

PROGRAM LEARNING OUTCOMES

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.*

Requirements

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

DEPT	COURSE #	TITLE
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)

DEPT	COURSE #	TITLE
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 ELECTIVE COURSES (3 CREDITS)

Choose ONE Diplomatic History Elective course from the following list:

DEPT	COURSE #	TITLE
HIST	6661	Seminar: European Diplomatic History
HIST	6662	Seminar: US Diplomatic History
HIST	6663	Seminar: East Asian Diplomatic History
HIST	6664	Seminar: Middle Eastern Diplomatic History
HIST	6665	Seminar: International History of the Cold War
HIST	6667	Seminar: Modern American Cultural Diplomacy
HIST	6670	Seminar: History of Genocide
HIST	6698	Seminar: Special Topics in Diplomatic History

Choose ONE History Elective course from the following list (3 credits):

DEPT	COURSE #	TITLE
HIST	6611	Seminar: War in Ancient History
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 of China
HIST	6632	Seminar: Ways of War of 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 US Military History
HIST	6649	Seminar: Race, Sex, and War in US History
HIST	6650	Seminar: Oil: History, Security, and Sustainability
HIST	6658	Seminar: 20th Century Naval Warfare
HIST	6661	Seminar: European Diplomatic History
HIST	6662	Seminar: US Diplomatic History
HIST	6663	Seminar: East Asian Diplomatic History
HIST	6664	Seminar: Middle Eastern Diplomatic History
HIST	6665	Seminar: International History of the Cold War
HIST	6667	Seminar: Modern American Cultural Diplomacy
HIST	6670	Seminar: History of Genocide
HIST	6680	Seminar: History of Military Thought
HIST	6990	Unpaid Internship
HIST	6997	Seminar: Directed Readings in History
HIST	6998	Seminar: Special Topics in Diplomatic History
HIST	6999	Seminar: Special Topics in Military History

POLITICAL SCIENCE & INTERNATIONAL STUDIES ELECTIVE COURSES (3 CREDITS)

Choose any ONE of the following political science (PSCI) and/or international studies (INTR) courses:

Political Science

DEPT	COURSE #	TITLE
PSCI	6151	Seminar: Global Governance
PSCI	6300	Seminar: Indian Foreign and Security Policy
PSCI	6400	Seminar: Chinese Foreign Policy
PSCI	6451	Seminar: The Military in Latin American Politics
PSCI	6605	Seminar: Islam & Politics
PSCI	6610	Seminar: Politics of Developing Nations
PSCI	6620	Seminar: Peacebuilding & Conflict Management
PSCI	6630	Seminar: National and International Security
PSCI	6650	Seminar: Foreign Intelligence
PSCI	6660	Seminar: Civil Resistance and Non-Violent Movements
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	Unpaid Internship
PSCI	6997	Seminar: Special Topics in International Relations

International Studies

DEPT	COURSE #	TITLE
INTR	6300	Seminar: International and Domestic Emergency Management
INTR	6997	Seminar: Special Topics in International Studies

SUPPORTING FIELD ELECTIVE COURSES (3 CREDITS)

Choose ONE supporting field elective course from among the following Supporting Field courses:

Anthropology

DEPT	COURSE #	TITLE
ANTH	6601	Seminar: Violence, Conflict, and War

Art History

DEPT	COURSE #	TITLE
ARTH	6601	Seminar: Artists and Images of War

Sustainability

DEPT	COURSE #	TITLE
SUST	6001	Seminar in Environmental Governance
SUST	6340	Seminar: An Environmental History of the Modern World
SUST	6360	Seminar: Sustainability Strategies and Indicators
SUST	6500	Seminar: Ecological Economics and Sustainable Development

Philosophy

DEPT	COURSE #	TITLE
PHIL	6600	Seminar: Professional Ethics and the Military

Strategic & Security Studies

DEPT	COURSE #	TITLE
STSS	6301	China’s National Security and Modern Military Doctrine
STSS	6600	20th Century Intelligence Operations
STSS	6666	Theory and Practice of Counter Insurgency
STSS	6990	Unpaid Internship

OPEN ELECTIVE COURSES (9 CREDITS)

Choose THREE additional elective courses from among all of the elective courses listed above (HIST, PSCI, INTR, ANTH, ARTH, PHIL, STSS, SUST).

CAPSTONE COURSES (6-9 CREDITS OR MORE)

DEPT	COURSE #	TITLE
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 Education in Educational Leadership

MASTER OF EDUCATION IN EDUCATIONAL LEADERSHIP

The Masters of Education in Educational Leadership prepares graduates to become administrative leaders in classrooms, schools and higher education institutions. Guided by a profound belief in active, collaborative, experiential, reflective, and transformative learning as well as a deep commitment to diversity and educational technology, this degree program is based on an innovative, inquiry-oriented, standards-driven, and field-based curriculum that integrates content and pedagogy and employs an electronic-portfolio-based assessment system to evaluate students' progress toward achieving professional standards. In addition, HPU provides teachers with cutting-edge course-web-page technology tools and access to online periodical databases in education.

University faculty, teachers, and principals join in a unique partnership to deliver an innovative curriculum that has been designed to develop and advance professional educators who are reflective practitioners dedicated to the scholarship of teaching and learning and school renewal. This partnership forms the basis for an alumni *'ohana* that provides continuing mentoring and support to its graduates. The courses are taught in an online cohort format, where students in a cohort follow a set schedule of classes together from start to finish.

Instructional Design Concentration

The Master of Education in Educational Leadership offers a concentration for students to focus their learning in *Instructional Design*. The Masters of Education in Educational Leadership with concentration in *Instructional Design* prepares graduates to become leaders in training, development and innovative teaching. Courses in the instructional design concentration address instructional design, theory and practice of e-learning, and multimedia strategies and tactics as solutions for instructional goals.

PROGRAM LEARNING OUTCOMES

Students who complete the Master of Education in Educational Leadership will:

1. *Use assessment strategies to evaluate and ensure the continuous intellectual, social, and physical development of the learner. Students will use formal and informal assessment strategies to evaluate and ensure the continuous intellectual, social, and physical development of the learner.*
2. *Understand diversity and provide equal learning opportunities. Use an understanding of individual and group motivation and behavior to create a learning environment that encourages positive social interaction, active engagement in learning, and self-motivation. Students will understand how students differ in their approaches to learning and create instructional opportunities that are adapted to diverse learners to support their intellectual, social, and personal development.*
3. *Research, evaluate, and use a variety of instructional strategies. Students will research, evaluate and use a variety of instructional strategies to encourage students' development of critical thinking, problem solving, and performance skills.*
4. *Use effective communication to foster active inquiry. Students will use effective verbal, nonverbal, and media communication techniques to foster active inquiry, collaboration, and supportive interaction in the classroom.*
5. *Become reflective practitioners. Students will become reflective practitioners who continually evaluate the effects of their choices and actions on others (students, parents, and other professionals in the learning community) and who actively seek out opportunities to grow professionally.*
6. *Capstone Research. Understand, analyze, evaluate, and apply the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and can create a capstone research that makes these aspects of subject matter meaningful for students.*

Requirements

Course of Study

The Master of Education in Educational Leadership program consists of 33 credit hours of required coursework. The first 6 courses are required Core Courses (18 credits) designed to provide the foundation that each MEDEL student will complete. The Concentration Courses (12 credits) are specific to the concentration of study, Educational Leadership or Instructional Design. Each student will complete the program with a Capstone Research course (3 credits) grounded in their concentration of study.

CORE COURSES (18 Credits)

DEPT	COURSE #	TITLE
ED	6605	Research in Education
ED	6615	Contemporary Issues in Education
ED	6640	Ethics in Education
ED	6650	Self-Management in Education
ED	6660	Diversity and Social Justice
ED	6670	Technology in Education

SELECT ONE PATHWAY:

1. COURSES IN GENERAL EDUCATIONAL LEADERSHIP (12 Credits)

DEPT	COURSE #	TITLE
ED	6620	Educational Assessment
ED	6630	Teacher Leadership
ED	6680	Budget Analysis and Planning for Schools
ED	6690	School Law

OR

2. CONCENTRATION COURSES IN INSTRUCTIONAL DESIGN (12 Credits)

DEPT	COURSE #	TITLE
ED	6671	Instructional Design
ED	6672	Theory & Practice of E-Learning
ED	6673	Instructional Media I
ED	6674	Instructional Media II

CAPSTONE COURSE IN EDUCATIONAL LEADERSHIP (3 Credits)

DEPT	COURSE #	TITLE
ED	6695	Capstone Research

Master of Education in Elementary Education

MASTER OF EDUCATION IN ELEMENTARY EDUCATION

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-webpage 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 LEARNING OUTCOMES

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 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 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 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 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 advance the profession.*

Requirements

Prior to admission to the program, teacher candidates seeking the licensure in Elementary Education must have successfully passed the PRAXIS II Elementary Content Knowledge Test.

CORE COURSES IN EDUCATION (30 Credits)

DEPT	COURSE #	TITLE
ED	6000	The Professional Educator
ED	6100	Educational Psychology
ED	6200	Introduction to Educational Research
ED	6300	Introduction to Teaching
ED	6310	Culturally Responsive Education in Hawai'i
ED	6401	Elementary Curriculum I: Language Arts
ED	6402	Elementary Curriculum II: Math and Science
ED	6403	Elementary Curriculum III: Social Studies and the Arts
ED	6430	The English Language Learner (3 credits)
ED	6700	The Exceptional Learner (3 credits)

CAPSTONE COURSES IN EDUCATION (6 Credits)

Next, teacher candidates must complete the following capstone courses to be recommended for licensure:

DEPT	COURSE #	TITLE
ED	6511	Elementary Education Clinical Practice I
ED	6512	Elementary Education Clinical Practice II

Master of Science in Marine Science

MASTER OF SCIENCE IN MARINE SCIENCE

The Master of Science in Marine Science degree program fosters a broad understanding of marine systems through an interdisciplinary program of study. The MSMS program has two tracks:

Thesis Track

The MSMS thesis track is a research-based program that emphasizes a hands-on approach to learning through the completion of an original thesis project under the direct mentorship of an experienced marine science researcher. The purpose of the T-track is to give students the opportunity to develop a strong foundation in research methodology. Individualized programs of study ensure that each student has the best possible preparation based on their interests, background, and abilities. MSMS-T students take core and elective courses while engaging in an intensive, independent research project. Students work side-by-side with a faculty mentor to discover or synthesize knowledge that contributes to the field of marine science.

Applied Track

The applied track provides students with a broad-based, in-depth knowledge of physical, geological, chemical, and ecological processes in the ocean coupled with the technical skills necessary to contribute to the exploration of the marine environment and the management of its living resources. Because the MSMS-A track is designed primarily for students seeking careers in applied resource management, this program emphasizes the practical skills and the analytical expertise required to monitor and manage the global ocean system.

PROGRAM LEARNING OUTCOMES

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.*

Requirements

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 with 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:

DEPT	COURSE #	TITLE
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)

A minimum of 5 credits of NSCI 6900 must be completed by graduation.

DEPT	COURSE #	TITLE
NSCI	6110	Graduate Seminar I—1st semester (2)
NSCI	6112	Graduate Seminar I—2nd semester (1)
NSCI	6120	Graduate Seminar II—Thesis Presentation—3rd or 4th term (1)
NSCI	6900	Master's Research (5)
NSCI	7000	Master's Thesis Capstone Course (3)

ELECTIVE COURSES (15 CREDITS)

A maximum of 3 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

DEPT	COURSE #	TITLE
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	6060	Geographic Information Systems 2 (3)
ENVS	6920	Special Topics in Environmental Science (3)
GEOL	6010	Contaminant Hydrogeology (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	6500	Computational Methods in Marine Science (3)
MARS	6910	Current Topics in Marine Science (1)
MARS	6920	Special Topics in Marine Science (3)
MARS	6930	Marine Science Guest Speaker Series (1)
NSCI	6130	Communicating Marine Science (2)
NSCI	6450	Teaching Undergraduate Science (3)
NSCI	6900	Master's Research (1–5)
SUST	6500	Ecological Economics and Sustainable Development (3)

Advanced Undergraduate Course

DEPT	COURSE #	TITLE
ENVS	4030	Applied Geographic Information Systems (3)

APPLIED (A) TRACK (39 CREDITS)

CORE COURSES (15 CREDITS)

DEPT	COURSE #	TITLE
BIOL	6090	Advanced Biometry (3)
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)

REQUIRED FOUNDATIONAL COURSES (9 CREDITS)

DEPT	COURSE #	TITLE
MARS	6950	Marine Science Practicum (3) **or** MARS 6020 Marine Science Field Methods (3)
MARS	6910	Current Topics in Marine Science (1)
NSCI	6110	Graduate Seminar I—1st semester (2)
NSCI	6130	Communicating Marine Science (2)

Students must take an additional 1 credit from the following:

DEPT	COURSE #	TITLE
MARS	6910	Current Topics in Marine Science (1)
MARS	6930	Marine Science Guest Speaker Series (1)

RESTRICTED ELECTIVE COURSES (9 CREDITS)

Students must take at least 3 of the following:

DEPT	COURSE #	TITLE
ENVS	6060	Geographical Information Systems 2: Spatial Analysis (3)
ENVS	6300	Modeling and Simulation (3)
MARS	6020	Marine Science Field Methods (3)
MARS	6300	Multivariate Applications in Marine Science (3)
MARS	6400	Marine Conservation Biology (3)
MARS	6500	Computational Methods in Marine Science (3)
MARS	6600	Geospatial Analysis in Marine Science (3)
SUST	6500	Ecological Economics and Sustainable Development (3)

ELECTIVE COURSES (6 CREDITS)

A maximum of 3 credits of advanced undergraduate courses (4000-level):

Graduate Courses

DEPT	COURSE #	TITLE
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)
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)
MARS	6910	Current Topics in Marine Science (1)
MARS	6930	Marine Science Guest Speaker Series (1)
NSCI	6450	Teaching Undergraduate Science (3)
SUST	6500	Ecological Economics and Sustainable Development (3)

Advanced Undergraduate Courses

DEPT	COURSE #	TITLE
ENVS	4030	Applied Geographic Information Systems (3)
MARS	4100	Marine Resource Management: Culture and Sustainability (3)

Master of Science in Nursing

MASTER OF SCIENCE IN NURSING

Family Nurse Practitioner (FNP) - On-campus and Online

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 LEARNING OUTCOMES

Planning is underway to transition the curriculum to address the 2021 AACN The Essentials: Core Competencies for Professional Nursing Education.

The Master of Science in Nursing, Family Nurse Practitioner graduate will achieve the following outcomes:

1. ***Advanced Clinical Practice:*** *The MSN FNP graduate will 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:*** *The graduate will synthesize the evidence-based practice guidelines, critical thinking, and reflection to provide appropriate care as the foundation to practice.*
3. ***Transformational Leadership:*** *The graduate will demonstrate transformational leadership in the nursing profession.*
4. ***Professionalism/Ethics:*** *The graduate will practice as an independent provider ethically bound to operate within the guidelines, standards, and scope of practice.*
5. ***Quality Improvement and Safety:*** *The graduate will integrate current evidence to improve the quality of clinical practice and promote safe care.*
6. ***Health Care Informatics:*** *The graduate will incorporate knowledge of clinical decision support tools to assist in charting, decision making, research, and scholarship.*
7. ***Health Policy and Advocacy:*** *The graduate will 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:*** *The graduate will practice collaboratively with other professionals in the health care system.*
9. ***Transcultural Care:*** *The graduate will maximize the client's health and wellbeing within the parameters of the client's own cultural traditions and beliefs.*

Adult-Gero Acute Care Nurse Practitioner (AGACNP) - On-campus and Online

The Adult-Gero Acute Care Nurse Practitioner (AGACNP) track is an option track of the MSN program that prepares the successful graduate to sit for the national board exam for the AGACNP 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 LEARNING OUTCOMES

The Master of Science in Nursing Adult Gerontology Acute Care Nurse Practitioner graduate will achieve the following outcomes:

1. Advanced Clinical Practice

The MSN AGACNP graduate will

- *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

The MSN AGACNP graduate will

- *Promote the delivery of evidence-based care for patients with complex acute, critical, and chronic physical and mental illness.*
- *Participate in the design, implementation, and/or 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

The MSN AGACNP graduate will

- *Demonstrate leadership to promote improved health care outcomes for the adult–older adult population in practice, policy, and other venues.*

4. Professionalism/Ethics

The MSN AGACNP graduate will

- *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

The MSN AGACNP graduate will

- *Integrate current evidence to improve the quality of clinical practice and promote safe care.*

6. Health Care Informatics

The MSN AGACNP graduate will

- *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

The MSN AGACNP graduate will

- *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

The MSN AGACNP graduate will

- *Work collaboratively with a variety of health professionals to achieve patient care goals and 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

The MSN AGACNP graduate will

- *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.*

Psychiatric Mental Health Nurse Practitioner (PMHNP) - Online Only

The Psychiatric Mental Health Nurse Practitioner (PMHNP) concentration is an option of the MSN-Online program that prepares the successful graduate to sit for the American Academy of Nurse Practitioners (AANP) or American Nurses Credentialing Center (ANCC) exam required for licensure as a psychiatric mental health nurse practitioner. Students begin the MSN-Online/PMHNP concentration program by completing six core courses before taking a series of specialized courses that explore the treatment of complex mental health needs with a view toward recovery-focused interventions.

PROGRAM LEARNING OUTCOMES

The Master of Science in Nursing, Psychiatric Mental Health Nurse Practitioner graduate will achieve the following outcomes:

1. **Advanced Clinical Practice:** The MSN PMHNP graduate will demonstrate and apply the knowledge, skill, and judgment to independently provide direct patient care that incorporates assessment, diagnosis, and treatment of mental health needs across the life span within a variety of settings.
    - Provide therapy and prescribe medications for patients with mental health disorders and substance abuse problems
    - Perform physical and psychosocial assessments, emergency psychiatric care, and treatment effectiveness evaluations
2. **Evidence-Based Practice:** The graduate will synthesize the evidence-based practice guidelines, critical thinking, and reflection to provide appropriate care as the foundation to practice.
3. **Transformational Leadership:** The graduate will demonstrate transformational leadership in the nursing profession.
4. **Professionalism/Ethics:** The graduate will practice as an independent provider ethically bound to operate within the guidelines, standards, and scope of practice.
5. **Quality Improvement and Safety:** The graduate will integrate current evidence to improve the quality of clinical practice and promote safe care.
6. Health Care Informatics: The graduate will incorporate knowledge of clinical decision support tools to assist in charting, decision making, research, and scholarship.
7. **Health Policy and Advocacy:** The graduate will 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:** The graduate will practice collaboratively with other professionals in the health care system.
9. **Transcultural Care:** The graduate will maximize the client's health and wellbeing within the parameters of the client's own cultural traditions and beliefs.

Requirements

PREREQUISITES

DEPT	COURSE #	TITLE
MATH	1123	Statistics
NUR	4700	Research Proposal Development

MSN CORE COURSES (18 CREDITS)

DEPT	COURSE #	TITLE
NUR	6000	Advanced Practice Roles in a Diverse Society (3 credits)
NUR	6010	Advanced Pathophysiology (3 credits)
NUR	6015 or 8050	Community/Public Health Policy and Program Planning (On Campus Only) or Development and Implementation of Health Care Policy (Online Only) (3 credits)
NUR	6020	Advanced Nursing Research (3 credits)
NUR	6025	Applied Drug Therapies for the APRN (3 credits)
NUR	6030	Advanced Physical Assessment & Diagnostic Reasoning (3 credits)

SELECT ONE CONCENTRATION:

FAMILY NURSE PRACTITIONER CONCENTRATION (27-30 CREDITS)

DEPT	COURSE #	TITLE
NUR	6960	Advanced Theory: Primary Care of Children (3 credits)
NUR	6961	FNP Practicum I (3 credits)
NUR	6962	Advanced Theory: Primary Care of Women (3 credits)
NUR	6963	FNP Practicum II (3 credits)
NUR	6964	Advanced Theory: Primary Care of Adults (3 credits)
NUR	6965	FNP Practicum III (3 credits)
NUR	6966	Advanced Theory: Primary Care of the Geriatric Adult (3 credits)
NUR	6967	FNP Practicum IV (3 credits)
NUR	6969	Practicum V (3 credits) *(Elective)*
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 CONCENTRATION (28 CREDITS)

DEPT	COURSE #	TITLE
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)

PSYCHIATRIC MENTAL HEALTH NURSE PRACTITIONER CONCENTRATION (30 CREDITS) - Online Only

DEPT	COURSE #	TITLE
NUR	6026	Psychopharmacology Across the Lifespan (3 credits)
NUR	6970	Advanced Psychiatric/Mental Health Nursing I (3 credits)
NUR	6971	Advanced Psychiatric/Mental Health Nursing I Practicum (5 credits)
NUR	6972	Advanced Psychiatric/Mental Health Nursing II (3 credits)
NUR	6973	Advanced Psychiatric/Mental Health Nursing II Practicum (5 credits)
NUR	6974	Advanced Psychiatric/Mental Health Nursing III (3 credits)
NUR	6975	Advanced Psychiatric/Mental Health Nursing III Practicum (5 credits)
NUR	7000	Project Proposal Paper (3 credits)

RN to MSN Pathway

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:

DEPT	COURSE #	TITLE
WRI	1200	Research, Argument, and Writing (3 credits)
MATH	1123	Statistics (3 credits)
NUR	3710	Leadership Through EBP & Research (3 credits)
NUR	4780	Community Health Nursing (3 credits)
NUR	4781	Community Health Nursing Clinical/Lab (3 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 Arts in Organization Development and Change

MASTER OF ARTS IN ORGANIZATION DEVELOPMENT AND CHANGE

PROGRAM LEARNING OUTCOMES

Students who complete the Master of Arts in Organization Development and Change will:

1. *Conduct a systems-based diagnosis of organizations that integrates a systems perspective in their diagnosis and assessment of organizations*
2. *Identify the impact of the environmental including social, political, and economic forces on the organizational system*
3. *Assess organizational/system shared assumptions, attitudes, beliefs, values and norms (culture)*
4. *Design effective organizational interventions*
5. *Develop a learning environment which capitalizes on successes and failures*
6. *Communicate effectively by designing and delivering written works and oral presentations to include assessments, evaluations, diagnosis feedback, and related products*

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.

Requirements

The program requires a minimum of 30 semester hours of graduate work. The 30 semester hours are divided into 27 semester hours of core courses and 3 semester hours of capstone course.

CORE COURSES (27 CREDITS)

DEPT	COURSE #	TITLE
ODC	6400	Leadership, Culture, and Group Dynamics
ODC	6430	Organizational Learning and Systems Thinking
ODC	6440	Organization Development and Change
ODC	6443	Change Leadership
ODC	6444	Innovations and Creativity
ODC	6447	Consulting and Group Process Facilitation
ODC	6448	Assessing Culture
ODC	6435	Workforce and Talent Development
ODC	6600	Action Research and Evaluation Methods in Organization Development and Change

CAPSTONE COURSE (3 CREDITS)

DEPT	COURSE #	TITLE
ODC	7000	Professional Project

Master of Public Administration

MASTER OF PUBLIC ADMINISTRATION

The Master of Public Administration (MPA) degree is the professional degree for students seeking a career in public service or nonprofit management. This MPA Program develops the skills and techniques used by managers to implement policies, projects, and programs that resolve important problems within their organization and in society. Students may focus their studies by choosing a specific concentration with in the Program.

PROGRAM LEARNING OUTCOMES

Students who complete the Master of Public Administration will:

1. *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. *Recognize and articulate an information need and access, evaluate, and use relevant source material effectively, ethically, and legally to facilitate leadership and management in public governance.*
3. *Synthesize relevant information and concepts and effectively, clearly, and persuasively articulate their perspectives to a diverse and changing workforce and citizenry.*
4. *Demonstrate advance knowledge, skills, and public service perspectives which allow for participation in and contribution to the policy process.*

Requirements

CORE COURSES (15 credits)

DEPT	COURSE #	TITLE
PADM	6000	Public Administration and Public Service
PADM	6100	Public Personnel Management
PADM	6300	Statistical Analysis for Effective Decision Making
PADM	6400	U.S. Public Policy
PADM	6500	Economics for Decision-Makers

CAPSTONE COURSES (6 credits)

DEPT	COURSE #	TITLE
PADM	7001	Professional Paper I
PADM	7002	Professional Paper II

CONCENTRATIONS (15 Credits)

Five additional 3-credit courses must be completed to reach the 12 courses required for the MPA degree. To earn an MPA concentration, the student must complete five courses from one of the following concentration lists:

General

DEPT	COURSE #	TITLE
CJ	6700	Leadership and Ethics
CJ	6710	Civil Liability and Civil Rights Challenges
CJ	6720	Criminal Justice Organizations
CJ	6730	Contemporary Issues in Criminal Justice
CJ	6750	Administrative and Constitution Procedures for Professionals
CJ	6990	Internship
HMLD	6000	Homeland Security
PADM	6200	Nonprofit Organizations
PADM	6210	Grant Writing and Fundraising
PADM	6220	Staff and Volunteer Management in Nonprofit Organizations
PADM	6270	Strategic Planning for Nonprofit Organizations
PADM	6510	Public Finance
PADM	6610	City Management and Urban Policy
PADM	6640	Diversity in the Workplace
PADM	6998	Special Topics in Public Administration

Criminal Justice

DEPT	COURSE #	TITLE
CJ	6700	Leadership and Ethics
CJ	6710	Civil Liability and Civil Rights Challenges
CJ	6720	Criminal Justice Organizations
CJ	6730	Contemporary Issues in Criminal Justice
CJ	6740	Media and the Criminal Justice Professions
CJ	6750	Administrative and Constitution Procedures for Professionals
CJ	6760	Hostage/Crisis Negotiations
HMLD	6000	Homeland Security

Nonprofit Management

DEPT	COURSE #	TITLE
CJ	6700	Leadership and Ethics
PADM	6200	Nonprofit Organizations
PADM	6210	Grant Writing and Fundraising
PADM	6220	Staff and Volunteer Management in Nonprofit Organizations
PADM	6270	Strategic Planning for Nonprofit Organizations

Master of Public Health

MASTER OF PUBLIC HEALTH

The online and hybrid Master of Public Health (MPH) program provides graduates with knowledge, skills, and abilities necessary to become successful general practitioners in a wide range of public health professions, including in research, education, program administration, policy, and other leadership roles that serve to promote the health and wellness of the public. The MPH degree is recognized and respected nationally and internationally, allowing graduates to find career opportunities anywhere in the world and in various settings such as schools, healthcare facilities, government agencies, non-governmental organizations, community centers, and corporate/private institutions. The MPH curriculum includes courses in epidemiology and biostatistics, program planning and evaluation, chronic and communicable diseases, research methods, behavioral and social determinants of health, multicultural health, policy and advocacy, as well as environmental and occupational health. Students will culminate with over 270 hours of applied field training and practice, supervised and mentored by faculty and experts from public health organizations within the students' local community or other locations that match their interests and career goals.

Full-time students of this accelerated program may complete the MPH degree within 12 months (taking 2-3 courses every 8 weeks for 12 months, not including winter and spring breaks). The MPH program's online courses are asynchronous and coursework are divided into weekly modules. In order words, students will study at their own convenience and schedule, but assignments may be due on a weekly basis.

PROGRAM LEARNING 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 their 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 evaluation 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.*

Requirements

PROGRAM OF STUDY (MINIMUM 42 CREDITS)

CONDITIONAL PREREQUISITE COURSES

DEPT	COURSE #	TITLE
MATH	1123	Statistics (or equivalent; required for students without statistics education/experience, 3 credits)
PH	6100	Foundations of Public Health (required for students without health education/experience, 0 credit)

PROGRAM REQUIREMENTS

DEPT	COURSE #	TITLE
PH	6140	Advanced Epidemiology (3 credits)
PH	6160	Social Determinants of Health (3 credits)
PH	6200	Human Diseases and Conditions (3 credits)
PH	6220	Health Behavior Change Theory and Program Planning (3 credits)
PH	6260	Environmental Health (3 credits)
PH	6300	Public Health Research Methods (3 credits)
PH	6400	Health Policy, Law, and Advocacy (3 credits)
PH	6460	Public Health Program Planning (3 credits)
PH	6500	Public Health Field Training (6 credits)
PH	7000	Public Health Capstone (6 credits)

Plus Elective Courses (6 credits)

DEPT	COURSE #	TITLE
PADM	6000	Public Administration and Public Service
PADM	6100	Public Personnel Management
PADM	6200	Nonprofit Organization
PADM	6210	Grant Writing and Fundraising
PADM	6220	Staff and Volunteer Management
PADM	6270	Strategic Thinking for Nonprofit Organizations
PADM	6300	Statistical Analysis for Effective Decision Making
PADM	6400	U.S. Public Policy
PADM	6500	Economics for Decision-Makers
PADM	6510	Public Finance
PADM	6610	City Management and Urban Policy
PADM	6640	Diversity in the Workplace
CJ	6700	Leadership and Ethics
CJ	6710	Civil Liability and Civil Rights Challenges
CJ	6720	Criminal Justice Organizations

CJ	6730	Contemporary Issues in Criminal Justice
HMLD	6000	Homeland Security
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
PSCI	6610	Seminar: Politics of Developing Nations
PSCI	6620	Peace Building & 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
INTR	6630	International and Domestic Emergency Management
SUST	6000	Sustainable Human Systems
SUST	6001	Seminar in Environmental Governance
SUST	6330	Industrial Ecology and Sustainability
SUST	6340	An Environmental History of the Modern World
SUST	6360	Sustainability Strategies and Indicators
SUST	6500	Ecological Economics and Sustainable Development
SUST	6920	Special Topics in Sustainability
SUST	6950	Globalization, Environment, and Sustainability Development Practicum
ENVS	6010	Global Climate Change
ENVS	6030	Sustainable Energy Systems
ENVS	6040	Sustainable Building Science
HR	6400	Human Resource Management
HR	6420	Compensation Management
HR	6450	Safety and Health Management

HR	6460	Human Resource Development
ODC	6400	Leadership, Culture, and Group Dynamics
ODC	6430	Organizational Learning and Systems Thinking
ODC	6440	Organization Development and Change
ODC	6443	Change Leadership
ODC	6444	Innovations and Creativity
ODC	6447	Consulting and Group Process Facilitation
ODC	6448	Assessing Culture
ODC	6435	Workforce and Talent Development

Master of Education in Secondary Education

MASTER OF EDUCATION IN SECONDARY EDUCATION

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-webpage 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.

PROGRAM LEARNING OUTCOMES

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 design and implement 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 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 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 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 action on others (learners, families, other professionals, and the community) and adapts practice to meet the needs of each learner.*
10. *Seek 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.*

Requirements

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 (30 credits)

DEPT	COURSE #	TITLE
ED	6000	The Professional Educator
ED	6100	Educational Psychology
ED	6200	Introduction to Educational Research
ED	6300	Introduction to Teaching
ED	6310	Culturally Responsive Education in Hawai‘i
ED	6420	English Curriculum and Instruction
ED	6430	The English Language Learner
ED	6480	Integrated Curriculum: Literacy and Content
ED	6660	Diversity and Social Change
ED	6700	The Exceptional Learner

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 (6 credits)

Next, teacher candidates must take the following capstone courses before being recommended for licensure:

DEPT	COURSE #	TITLE
ED	6521	Secondary Education Clinical Practice I
ED	6522	Secondary Education Clinical Practice II

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 (30 credits)

DEPT	COURSE #	TITLE
ED	6000	The Professional Educator
ED	6100	Educational Psychology
ED	6200	Introduction to Educational Research
ED	6300	Introduction to Teaching
ED	6310	Culturally-Responsive Education in Hawai'i
ED	6430	The English Language Learner
ED	6440	Mathematics Curriculum and Instruction
ED	6480	Integrated Curriculum: Literacy and Content
ED	6660	Diversity and Social Change
ED	6700	The Exceptional Learner

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 (6 credits)

Next, teacher candidates must take the following capstone courses before being recommended for licensure:

DEPT	COURSE #	TITLE
ED	6521	Secondary Education Clinical Practice I
ED	6522	Secondary Education Clinical Practice II

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 (30 credits)

DEPT	COURSE #	TITLE
ED	6000	The Professional Educator
ED	6100	Educational Psychology
ED	6200	Introduction to Educational Research
ED	6300	Introduction to Teaching
ED	6310	Culturally Responsive Education in Hawai‘i
ED	6430	The English Language Learner
ED	6450	Science Curriculum and Instruction
ED	6480	Integrated Curriculum: Literacy and Content
ED	6660	Diversity and Social Change
ED	6700	The Exceptional Learner

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 (6 credits)

Next, teacher candidates must take the following capstone courses before being recommended for licensure:

DEPT	COURSE #	TITLE
ED	6521	Secondary Education Clinical Practice I
ED	6522	Secondary Education Clinical Practice II

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 (30 credits)

DEPT	COURSE #	TITLE
ED	6000	The Professional Educator
ED	6100	Educational Psychology
ED	6200	Introduction to Educational Research
ED	6300	Introduction to Teaching
ED	6310	Culturally Responsive Education in Hawai‘i
ED	6430	The English Language Learner
ED	6460	Social Studies Curriculum and Instruction
ED	6480	Integrated Curriculum: Literacy and Content
ED	6660	Diversity and Social Change
ED	6700	The Exceptional Learner

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 (6 credits)

Next, teacher candidates must take the following capstone courses before being recommended for licensure:

DEPT	COURSE #	TITLE
ED	6521	Secondary Education Clinical Practice I
ED	6522	Secondary Education Clinical Practice II

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 (30 credits)

DEPT	COURSE #	TITLE
ED	6000	The Professional Educator
ED	6100	Educational Psychology
ED	6200	Introduction to Educational Research
ED	6300	Introduction to Teaching
ED	6310	Culturally Responsive Education in Hawai‘i
ED	6430	The English Language Learner
ED	6470	World Languages Curriculum and Instruction
ED	6480	Integrated Curriculum: Literacy and Content
ED	6660	Diversity and Social Change
ED	6700	The Exceptional Learner

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 or equivalent proficiency exam

CAPSTONE COURSES IN EDUCATION (6 credits)

Next, teacher candidates must take the following capstone courses before being recommended for licensure:

DEPT	COURSE #	TITLE
ED	6521	Secondary Education Clinical Practice I
ED	6522	Secondary Education Clinical Practice II

Master of Social Work

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; advocate for social and economic justice locally, nationally, and globally; and promote multiculturalism through furthering social work knowledge.

PROGRAM LEARNING 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 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.*

Requirements

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:

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
MATH	1123	Statistics **or** SOC 3200 Social Statistics
SOC	3100	Methods of Inquiry

TWO-YEAR PROGRAM (57 CREDITS)

Year One

One of the following:

DEPT	COURSE #	TITLE
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 **or**
SWRK	6801	Military and Veteran Social Work Practice

All of the following:

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
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

DEPT	COURSE #	TITLE
SWRK	7350	Integrative Seminar in Advanced Generalist Practice

Students in the Military and Veteran Affairs Focus will take:

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
SWRK	6050	Graduate Study of Social Work for Advanced Standing Students

The Military and Veteran Affairs Focus (see above) is also available to students in the Advanced Standing Option.

Master of Arts in Strategic Communication

MASTER OF ARTS IN STRATEGIC COMMUNICATION

PROGRAM DESCRIPTION

The M.A. in Strategic Communication program at HPU provides the professional training that employers demand in today's information economy. Students emerge from our program ready to work in Advertising and Marketing, Public Relations, Media Management, Advocacy, Managers of Digital Communications Media, and variety of professional endeavors that involves messaging, image management, and persuasion in the public and business arenas. Training in strategic communication at HPU is augmented with a strong international focus that takes advantage of our strategic location at the center of the Pacific, and provides technical training in web and graphic design, video production, and other digital communication platforms. In a world where everyone is competing for attention, communication professionals able to capture the eyes and ears of target audiences offer a powerful advantage, and HPU's M.A.S.C. program provides the skills and training that empowers our students to succeed.

PROGRAM PREREQUISITE

Admission to the program requires a B.A. or B.S. degree from a regionally accredited college or university in the U.S., or equivalent degree from an accredited institution in another country.

PROGRAM LEARNING OUTCOMES

Students who complete the Master of Arts in Strategic Communication will:

1. *Understand and be able to apply the central canon of communication theory.*
2. *Understand and able to employ quantitative and qualitative research techniques in order to analyze, interpret, and present data effectively.*
3. *Have developed the ability to apply strategic communication principles in the context of professional work.*
4. *Demonstrate dynamic, effective, and persuasive oral communication skills.*
5. *Write clearly, concisely, correctly, and in an appropriate style for strategic communication objectives.*
6. *Have developed essential familiarity with technical skills used in designing, managing, and producing digital media.*
7. *Understand and be able to apply principles of global/international communication.*

Requirements

CORE COURSES (9 CREDITS)

COM 6000 and COM 6050 should be taken in the first semester, unless they are not offered that term.

DEPT	COURSE #	TITLE
COM	6000	Communication Theory
COM	6050	Communication Research Methods
COM	6650	Intellectual Property and Media Ethics

APPLIED TECHNOLOGY (3 CREDITS)

Choose 3 credits from either of the following: (both courses may also be taken as electives)

DEPT	COURSE #	TITLE
COM	6510	Web Design
COM	6460	Digital Graphic Design

GLOBAL CONTEXTS (3 CREDITS)

Choose 3 credits from either of the following: (both courses may also be taken as electives)

DEPT	COURSE #	TITLE
COM	6310	International Communication
COM	6780	Media & Globalization

ELECTIVE COURSES (12 CREDITS)

Choose five courses from the following:

DEPT	COURSE #	TITLE
COM	6020	Communication Campaigns
COM	6030	Writing for Communication Professionals
COM	6085	Speechmaking & Presentations
COM	6200	Organizational Communication Management
COM	6305	Crisis Communication
COM	6310	International Communication
COM	6350	Events Planning
COM	6460	Digital Graphic Design
COM	6440	Digital Photography, Videography, & Postproduction
COM	6510	Web Design
COM	6580	Social Media Strategy
COM	6780	Media & Globalization
COM	6910	Selected Topics in Communication

INTERNSHIP (3 CREDITS)

COM 6990 is to be taken after completion of COM 6000 and COM 6050. The internship may be repeated for a total of 6 credits. Any credits above the required will be in place of elective credits.

DEPT	COURSE #	TITLE
COM	6990	Internship

CAPSTONE COURSES (6 CREDITS)

COM 7150 and 7250 are to be taken in succession, in the final 2 semesters of the program.

COM 7299 is only for students who need more time to complete their capstone work.

DEPT	COURSE #	TITLE
COM	7150	Capstone I
COM	7250	Capstone II
COM	7299	Continuing Thesis II Writing

Master of Arts in Sustainability

MASTER OF ARTS IN SUSTAINABILITY

PROGRAM LEARNING OUTCOMES

Students who successfully complete the Master of Arts in Sustainability Program will develop the knowledge, skills, and experiences that are key inputs to developing competent and effective sustainability professionals, which are incorporated into the following three SUST program learning objectives (PLOs):

1. ***Systems Thinking*** *– students will identify relationships and interdependencies within complex human-natural systems and analyze those connections through the use of systems thinking diagramming and other holistic tools.*
2. ***Strategic & Futures Thinking*** *– students will identify, formulate, and evaluate scenarios, interventions, and strategies that address sustainability across social, economic, environmental and cultural realms, intra- and intertemporal contexts, and local and global scales despite uncertainty and access to limited information through project-based learning, case study analysis and research projects.*
3. ***Collaboration*** *– students will effectively use interpersonal as well as oral, and written communication skills to elevate sustainability issues among a diverse set of social actors through systems analysis and project-based learning; engage and collaborate with actors from academia, government, business, community and other institutions via research, internships, or practical. Model and advocate for sustainable behaviors at the personal, program, university, and community levels through participation in sustainability practices, policy making, citizen science, advocacy, volunteerism, or community outreach.*

The Master of Arts in Sustainability 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.

Requirements

The program requires a minimum of 36 credit hours of graduate work. The 36 credit hours are divided into 24 credit hours of core courses, 6 credit hours of research, and 6 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 may be required as a foundation for graduate studies prior to beginning the M.A. in Sustainability Program:

DEPT	COURSE #	TITLE
CSCI	3201	Information Management Using Spreadsheets and Databases **or** 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 (27 CREDITS)

DEPT	COURSE #	TITLE
ENVS	6010	Global Climate Change
SUST	6000	Sustainable Human Systems
SUST	6001	Seminar in Environmental Governance
SUST	6005	Research Methods for Environmental and Social Policy Formation
SUST	6310	Sustainable Tourism
SUST	6320	Sustainable Cities
SUST	6330	Industrial Ecology and Sustainability
SUST	6500	Ecological Economics and Sustainable Development
SUST	6600	Colloquium: *I Ka'ana Like 'Ana o Ka Ike*
SUST	6990	Internship*

*Students who are not able to complete an internship may substitute the requirement with the MASUST Program Chair's approval:

- SUST 6920 Special Topics in Sustainability or
- ODC 6950 Practicum or
- ODC 6997 Directed Readings in Sustainability or
- Any sustainability-related graduate course with the MASUST Program Chair's approval

CAPSTONE COURSES (6 CREDITS)

DEPT	COURSE #	TITLE
SUST	7100	SUST Professional Paper I
SUST	7200	SUST Professional Paper II Capstone

SUPPORTING FIELDS (3 CREDITS)

Choose 1 course from the following:

DEPT	COURSE #	TITLE
COM	6010	Strategic Communication
COM	6100	Integrated Communication
COM	6200	Organizational Communication
COM	6310	International Communication
COM	6350	Crisis Communication
COM	6770	Media Criticism

ECON	6400	International Trade and Finance
ECON	6450	The World Economy
ED	6310	Culturally-Responsive Education in Hawai`i
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	6050	Watershed and Wetland Systems
ENVS	6060	Geographical Information Systems 2: Spatial Analysis
ENVS	6070	Conservation and Sustainability in the Tropics
ENVS	6300	Modeling and Simulation
ENVS	6920	Special Topics in Environmental Science
FIN	6100	International Finance
HR	6320	Global Human Resource Management
HIST	6650	Oil: History, Security and Sustainability
HIST	6670	History of Genocide
INTR	6997	Special Topics in International Studies
IS	6020	Methods in Project Management
IS	6250	Global Information Systems
MARS	6050	Marine Biology
MARS	6060	Geological Oceanography
MARS	6080	Physical Oceanography
MARS	6120	Coral Reef Ecology
MARS	6210	Marine Fisheries and Management
MGMT	6000	Foundations of Teamwork and Leadership
MGMT	6350	Global Markets in Transition
MGMT	6360	Global Competition and Strategy
MKTG	6420	International Marketing

ODC	6450	Foundations of Organization Development and Change
ODC	6451	Leading Complex Organizational Change
ODC	6452	Innovative and Creative Methods of Organization Change and Development
ODC	6453	Consulting and Group Process Facilitation in Organizational Change
PADM	6000	Introduction to the Public Administration & Public Services
PADM	6200	Non-Profit Organizations
PADM	6600	Strategic Thinking for Non-profit Organizations
PADM	6610	City Management and Urban Policy
PH	6160	Social Determinants of Health
PSCI	6151	Global Governance
PSCI	6610	Seminar: Politics of Developing Nations
PSCI	6620	Peacebuilding and Conflict Management
PSCI	6630	National and International Security
PSCI	6670	Seminar: Democratization and Human Rights
PSCI	6671	Seminar: Transitions to Democracy
SUST	6340	Environmental History of the Modern World
SUST	6350	Globalization and Natural Systems
SUST	6360	Sustainability Strategies and Indicators
SUST	6920	Special Topics in Sustainability
SUST	6950	Globalization, Environment, and Sustainability Development Practicum
SUST	6990	Nonpaid Internship (with the Career Development Center)
SUST	6997	Directed Readings in Sustainability

Master of Arts in Teaching English to Speakers of Other Languages

MASTER OF ARTS IN TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES

PROGRAM LEARNING OUTCOMES

Students who complete the Master of Arts in Teaching English to Speakers of Other Languages will be prepared to demonstrate A.S.K.:

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: MA holders will be able to articulate their own philosophy of language teaching, explaining the principles on which it is based.*

Requirements

PREREQUISITES

DEPT	COURSE #	TITLE
AL	2000	Introduction to Linguistics

SECOND LANGUAGE REQUIREMENT

For international students speaking a language or languages other than English as their native language:

- Meeting the English language proficiency requirement for admission to graduate studies at HPU

For native speakers of English:

- Completing 2 consecutive semester-courses or equivalent (at the tertiary level) of a language other than English or
- Completing 2 separate semester-courses or equivalent (at the tertiary level) of 2 different languages other than English or
- Demonstrating through a placement language test (or individual examination) to have attained high-beginning level equivalent to completing 2 semesters of language other than English or
- Demonstrating through a placement language test (or individual examination) to have attained beginning level equivalent to completing 1 semester each of 2 different languages other than English or
- Having taught a language other than English for at least two semesters

CORE COURSES (21 CREDITS)

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
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 and Youth

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)

DEPT	COURSE #	TITLE
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.

Doctorate in Clinical Psychology

DOCTORATE IN CLINICAL PSYCHOLOGY

Doctorate in Clinical Psychology (PsyD)

HPU's PsyD program in Clinical Psychology provides the education and initial training necessary to become a licensed psychologist. The five-year program will prepare students for careers as doctoral level psychologists who can work ethically and effectively within a rapidly changing mental health services environment, in Hawai'i and throughout the rest of the nation. The program is grounded in the scientific method, behavioral sciences, and empirical research in order to support evidence-based clinical practice.

PROGRAM LEARNING OUTCOMES

The Doctorate in Clinical Psychology will achieve the following outcomes:

1. Clinical Skills Training

Learn in-depth clinical skills including psychotherapeutic interventions and clinical assessment to assist clients from diverse backgrounds to treat a wide range of problems and improve people's quality of life.

2. Science and Evidence Based Practices

Demonstrate foundational and advanced knowledge of theories and empirical evidence supporting those theories in personality/social psychology, cognitive psychology, developmental psychology, biological aspects of behavior, psychopathology, as well as the research methods and statistical data analysis employed in psychology.

3. Communication and Responsibility in a Diverse world

Conduct cognitive/intellectual, personality, and psychodiagnostic assessments and effectively implement, communicate, and disseminate appropriate psychological interventions supported by the empirical literature with consideration of diversity, group dynamics, and geography.

4. Professionalism and Application

Understand the APA code of ethics and how it is applied to clinical situations; extend that knowledge by employing theories of clinical supervision in practice, internship, and professional work; develop and maintain appropriate professional relationships with people served as well as with professionals colleagues and supervisors.

5. Critical Thinking and Lifelong Learning

Be able to critically evaluate scientific theories, clinical assessment and intervention methods, and ethical dilemmas in professional psychology and identify best practices during supervision and as professionals.

Requirements

PREREQUISITE

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 in psychology (or 15 semester credits in psychology including at least one course in statistics and one in research methods) from a regionally-accredited college or university in the United States or an equivalent degree from another country. If one has a baccalaureate degree not in psychology, then the GRE subject test in psychology is required.*
2. *A minimum of 3.0 cumulative undergraduate grade-point average (GPA) based on a 4.0 scale or 3.25 cumulative graduate grade-point average.*
3. *Three recommendation letters.*
4. *Completion of personal statement.*

5. *Verbal and Quantitative scores on the Graduate Record Examination*
6. *Applicants must demonstrate proficiency in written and verbal English. A test of English proficiency 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 an Admissions Committee, which uses multiple criteria for the assessment of applicants. Admission is selective.

COURSE OF STUDY (118 CREDITS)

REQUIRED COURSES (100 CREDITS)

DEPT	COURSE #	TITLE
PSY	6010	Introduction into the Practice of Professional Psychology (1 credit)
PSY	6315	Cognitive and Affective Bases of Behavior (3 credits)
PSY	6325	Biological Aspects of Behavior (3 credits)
PSY	6345	Social Biases of Behavior (3 credits)
PSY	6365	Psychopathology and Psychodiagnostic Assessment (3 credits)
PSY	6505	Introduction to Empirically-Supported Treatments (3 credits)
PSY	6745	Personality Assessment (3 credits)
PSY	6755	Clinical Interviewing (1 credit)
PSY	6765	Approaches to Case Formulation and Treatment Planning (3 credits)
PSY	6775	Core Clinical Skills (3 credits)
PSY	7500	Behavioral Approaches to Treatment (3 credits)
PSY	7505	Professional Ethics in Health Service Psychology (3 credits)
PSY	7550	Developmental Aspects of Behavior (3 credits)
PSY	7555	Cognitive and Intellectual Assessment including Psychometrics (3 credits)
PSY	7600	Cognitive Approaches to Treatment (3 credits)
PSY	7605	Biopsychosocial Understanding of Human Behavior (3 credits)
PSY	7610	Integrative Assessment and Disseminating Assessment Results (1 credit)
PSY	7615	Individual and Cultural-Diversity (3 credits)
PSY	7701	Practicum I (3 credits)
PSY	7702	Practicum II (3 credits)
PSY	7703	Practicum III (3 credits)

PSY	7704	Practicum IV (3 credits)
PSY	7705	Practicum V (3 credits)
PSY	7706	Practicum VI (3 credits)
PSY	7800	History and Systems of Psychology (3 credits)
PSY	7805	Interpersonal and Psychodynamic Approaches to Intervention (3 credits)
PSY	7810	Advanced Statistics (3 credits)
PSY	7815	Multicultural Competence (3 credits)
PSY	7820	Evaluation of Treatment Effectiveness (1 credit)
PSY	7825	Quantitative Research Methods (3 credits)
PSY	7830	Group Therapy (3 credits)
PSY	8000	Risk Management in Clinical Practice (3 credits) **or** PSY 8730 Crisis Intervention and Trauma (3 credits)
PSY	8800	Dissertation Preparation (2 credits)
PSY	8815	Psychology as a Profession/Preparation for Application for Internship (1 credit)
PSY	9000*	Dissertation Group Supervision (2 credits)
PSY	9001*	Dissertation Individual Supervision (2 credits)
PSY	9002*	Dissertation Individual Supervision (2 credits)
PSY	9050	Predoctoral Internship (0 credits)

*Each course must be taken once and total earned must equal 6 credits.

ELECTIVES (18 CREDITS)

DEPT	COURSE #	TITLE
PSY	7707	Practicum VII (3 credits)
PSY	7708	Practicum VIII (3 credits)
PSY	7709	Practicum IX (3 credits)
PSY	8812	Advanced Topics in Individual and Cultural Diversity (3 credits)
PSY	8813	Psychopharmacology (3 credits)
PSY	8814	Advanced Topics in Psychopathology, Assessment, and Intervention (3 credits; may be repeated up to a total of 12 credits, provided topics have changed)

Doctor of Nursing Practice

DOCTOR OF NURSING PRACTICE

The Doctor of Nursing Practice (DNP) provides two pathways, MSN-DNP and BSN-DNP, for 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. A concentration in one of three areas is required for the BSN-DNP pathway track.

PROGRAM LEARNING OUTCOMES

Planning is underway to transition the curriculum to address the 2021 AACN The Essentials: Core Competencies for Professional Nursing Education.

1. Advanced Clinical Practice

The Doctorate of Nursing Practice graduate will practice both independently and interdependently based on scientific underpinnings that focus on systematic transformation of the delivery of health care.

2. Evidence-Based Practice

The Doctorate of Nursing Practice graduate will 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

The Doctorate of Nursing Practice graduate will 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

The Doctorate of Nursing Practice graduate will 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

The Doctorate of Nursing Practice graduate will 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

The Doctorate of Nursing Practice graduate will 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

The Doctorate of Nursing Practice graduate will 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

The Doctorate of Nursing Practice graduate will 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.

Doctor of Nursing Practice

MSN-DNP Requirements

PREREQUISITE

MSN-DNP pathway must have a Master of Science in Nursing (MSN) from an accredited university and a U.S. state RN license for admission with at least 500 APRN practicum hours to meet the minimal program requirement of 1000 hours.

MSN-DNP COURSES (30 CREDITS) - Online Only

DEPT	COURSE #	TITLE
NUR	8000	Evidence Based Practice for Advanced Nursing (3 credits)
NUR	8010	Leadership and Systems Management (3 credits)
NUR	8020	Informatics and Technology for Advanced Practice (3 credits)
NUR	8030	Optimizing Quality in Health Care Systems (3 credits)
NUR	8040	Business and Finance Essentials for the DNP (3 credits)
NUR	8050	Development and Implementation of Health Care Policy (3 credits)
NUR	8060	Essential Competencies for Nurse Educators (3 credits r)
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.

Doctor of Nursing Practice

BSN-DNP Requirements

PREREQUISITE

BSN-DNP pathway must have a Bachelor of Science in Nursing (BSN) from an accredited university and a U.S. state RN license for admission. Undergraduate Statistics course is required.

BSN-DNP ADULT GERONTOLOGY ACUTE CARE NURSE PRACTITIONER (76 CREDITS) - Online Only

Concentration Core Courses (15 Credits)

DEPT	COURSE #	TITLE
NUR	6000	Advanced Practice Roles in a Diverse Society (3 credits)
NUR	6010	Advanced Pathophysiology (3 credits)
NUR	6020	Advanced Nursing Research (3 credits)
NUR	6025	Applied Drug Therapies for the APRN (3 credits)
NUR	6030	Advanced Physical Assessment & Diagnostic Reasoning (2 credits)
NUR	6031	Advanced Physical Assessment & Diagnostic Reasoning Lab (1 credit)

AGACNP Courses (25 Credits)

DEPT	COURSE #	TITLE
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)

DNP Courses (36 Credits)

DEPT	COURSE #	TITLE
NUR	8000	Evidence Based Practice for Advanced Nursing (3 credits)
NUR	8010	Leadership and Systems Management (3 credits)
NUR	8020	Informatics and Technology for Advanced Practice (3 credits)
NUR	8030	Optimizing Quality in Health Care Systems (3 credits)
NUR	8040	Business and Finance Essentials for the DNP (3 credits)
NUR	8050	Development and Implementation of Health Care Policy (3 credits)
NUR	8060	Essential Competencies for Nurse Educators (3 credits)
NUR	8070	Clinical Scholarship and Scholarly Writing (3 credits)
NUR	8080	Analytical Methods for Evidence-Based Practice (3 credits)
NUR	9010	Doctoral Project I: Development (3 credits)
NUR	9020	Doctoral Project II: Implementation (3 credits)
NUR	9030	Doctoral Project III: Data Analysis and Dissemination (3 credits)

BSN-DNP FAMILY NURSE PRACTITIONER (75 CREDITS) - Online Only

MSN Core Courses (15 Credits)

DEPT	COURSE #	TITLE
NUR	6000	Advanced Practice Roles in a Diverse Society (3 credits)
NUR	6010	Advanced Pathophysiology (3 credits)
NUR	6020	Advanced Nursing Research (3 credits)
NUR	6025	Applied Drug Therapies for the APRN (3 credits)
NUR	6030	Advanced Physical Assessment & Diagnostic Reasoning (2 credits)
NUR	6031	Advanced Physical Assessment & Diagnostic Reasoning Lab (1 credit)

FNP Courses (24 Credits)

DEPT	COURSE #	TITLE
NUR	6960	Advanced Theory: Primary Care of Children (3 credits)
NUR	6961	FNP Practicum I (3 credits)
NUR	6962	Advanced Theory: Primary Care of Women (3 credits)
NUR	6963	FNP Practicum II (3 credits)
NUR	6964	Advanced Theory: Primary Care of Adults (3 credits)
NUR	6965	FNP Practicum III (3 credits)
NUR	6966	Advanced Theory: Primary Care of the Geriatric Adult (3 credits)
NUR	6967	FNP Practicum IV (3 credits)

DNP Courses (36 Credits)

DEPT	COURSE #	TITLE
NUR	8000	Evidence Based Practice for Advanced Nursing (3 credits)
NUR	8010	Leadership and Systems Management (3 credits)
NUR	8020	Informatics and Technology for Advanced Practice (3 credits)
NUR	8030	Optimizing Quality in Health Care Systems (3 credits)
NUR	8040	Business and Finance Essentials for the DNP (3 credits)
NUR	8050	Development and Implementation of Health Care Policy (3 credits)
NUR	8060	Essential Competencies for Nurse Educators (3 credits)
NUR	8070	Clinical Scholarship and Scholarly Writing (3 credits)
NUR	8080	Analytical Methods for Evidence-Based Practice (3 credits)
NUR	9010	Doctoral Project I: Development (3 credits)
NUR	9020	Doctoral Project II: Implementation (3 credits)
NUR	9030	Doctoral Project III: Data Analysis and Dissemination (3 credits)

BSN-DNP PSYCHIATRIC MENTAL HEALTH NURSE PRACTITIONER (78 CREDITS) - Online Only

Concentration Core Courses (15 Credits)

DEPT	COURSE #	TITLE
NUR	6000	Advanced Practice Roles in a Diverse Society (3 credits)
NUR	6010	Advanced Pathophysiology (3 credits)
NUR	6020	Advanced Nursing Research (3 credits)
NUR	6025	Applied Drug Therapies for the APRN (3 credits)
NUR	6030	Advanced Physical Assessment & Diagnostic Reasoning (2 credits)
NUR	6031	Advanced Physical Assessment & Diagnostic Reasoning Lab (1 Credit)

PMHNP Courses (27 Credits)

DEPT	COURSE #	TITLE
NUR	6026	Psychopharmacology Across the Lifespan (3 credits)
NUR	6970	Advanced Psychiatric/Mental Health Nursing I (3 credits)
NUR	6971	Advanced Psychiatric/Mental Health Nursing I Practicum (5 credits)
NUR	6972	Advanced Psychiatric/Mental Health Nursing II (3 credits)
NUR	6973	Advanced Psychiatric/Mental Health Nursing II Practicum (5 credits)
NUR	6974	Advanced Psychiatric/Mental Health Nursing III (3 credits)
NUR	6975	Advanced Psychiatric/Mental Health Nursing III Practicum (5 credits)

DNP Courses (36 Credits)

DEPT	COURSE #	TITLE
NUR	8000	Evidence Based Practice for Advanced Nursing (3 credits)
NUR	8010	Leadership and Systems Management (3 credits)
NUR	8020	Informatics and Technology for Advanced Practice (3 credits)
NUR	8030	Optimizing Quality in Health Care Systems (3 credits)
NUR	8040	Business and Finance Essentials for the DNP (3 credits)
NUR	8050	Development and Implementation of Health Care Policy (3 credits)
NUR	8060	Essential Competencies for Nurse Educators (3 credits)
NUR	8070	Clinical Scholarship and Scholarly Writing (3 credits)
NUR	8080	Analytical Methods for Evidence-Based Practice (3 credits)
NUR	9010	Doctoral Project I: Development (3 credits)
NUR	9020	Doctoral Project II: Implementation (3 credits)
NUR	9030	Doctoral Project III: Data Analysis and Dissemination (3 credits)

Doctor of Physical Therapy

Doctor of Physical Therapy

Total Credits Required: 113 Credits

The 24-month, Doctor of Physical Therapy Program (DPT) prepares graduates with the necessary skills to meet the demands of clinical practice in the 21st century. Using a hybrid learning model, the curriculum combines online learning activities and interaction, hands-on laboratory immersion sessions, and collaborative clinical education experiences. The DPT program delivers a contemporary and evidence-based curriculum using faculty and contributors that are dedicated educators, clinicians, researchers, and leaders in the professions.

DPT Program Mission: Hawai'i Pacific University innovative Doctor of Physical Therapy program develops movement specialists who provide evidence-informed, collaborative, and empathic care. We are committed to building a professional 'ohana of diverse and open-minded leaders who anticipate and respond to the needs of the global community.

PROGRAM LEARNING OUTCOMES

1. *Students demonstrate safety, professional ethics, initiative, and effective communication to understand and motivate patients/clients and enhance clinical outcomes.*
2. *Students demonstrate effective performance and knowledge related to physical therapy examination, evaluation, diagnosis/prognosis, and interventions to enhance clinical outcomes.*
3. *Graduates are prepared for professional leadership roles, post-professional learning opportunities, and clinical specialization.*

ACCREDITATION

Effective November 2, 2021, Hawai'i Pacific University has been granted Candidate for Accreditation status by the Commission on Accreditation in Physical Therapy Education (3030 Potomac Ave., Suite 100, Alexandria, Virginia 22305-3085; phone: 703-706-3245; email: accreditation@apta.org). If needing to contact the program/institution directly, please call (808) 236-5830 or email dpt@hpu.edu.

Candidate for Accreditation is an accreditation status of affiliation with the Commission on Accreditation in Physical Therapy Education that indicates the program may matriculate students in technical/professional courses. Achievement of Candidate for Accreditation status does not assure that the program will be granted Initial Accreditation.

Requirements

CORE COURSES (113 CREDITS)

DEPT	COURSE #	TITLE
DPT	8110	Human Anatomy I (4 credits)
DPT	8120	Human Anatomy II (3 credits)
DPT	8130	Human Physiology (3 credits)
DPT	8140	Clinical Neuroscience I (1 credit)
DPT	8150	Clinical Neuroscience II (2 credits)
DPT	8210	Physical Therapy Fundamentals (3 credits)
DPT	8220	Movement Science (2 credits)

DPT	8230	Therapeutic Interventions I (3 credits)
DPT	8240	Therapeutic Interventions II (3 credits)
DPT	8250	Health Promotion and Fitness Management (2 credits)
DPT	8260	Advanced Therapeutic Interventions (2 credits)
DPT	8270	Integrative Pain Sciences (2 credits)
DPT	8310	Evidence-based Practice I (2 credits)
DPT	8320	Evidence-based Practice II (2 credits)
DPT	8330	Capstone I (1 credit)
DPT	8340	Capstone II (1 credit)
DPT	8410	Professional Competencies I (1 credit)
DPT	8420	Professional Competencies II (2 credits)
DPT	8440	Business Management and Entrepreneurship (3 credits)
DPT	8510	Musculoskeletal Practice I (3 credits)
DPT	8520	Musculoskeletal Practice II (3 credits)
DPT	8530	Musculoskeletal Practice III (3 credits)
DPT	8540	Musculoskeletal Practice VI (3 credits)
DPT	8610	Neuromuscular Practice I (2 credits)
DPT	8620	Neuromuscular Practice II (3 credits)
DPT	8630	Bracing, Orthotics, and Prosthetics (2 credits)
DPT	8640	Management of the Aging Adult (3 credits)
DPT	8650	Management of the Pediatric Patient (3 credits)
DPT	8660	Primary Care Physical Therapy (2 credits)
DPT	8710	Pharmacology (2 credits)
DPT	8720	Cardiopulmonary Practice (4 credits)
DPT	8730	Management of Complex Patients (4 credits)
DPT	8810	Advanced Diagnostics (2 credits)
DPT	8910	Physical Therapy Practice I (8 credits)
DPT	8920	Physical Therapy Practice II (8 credits)
DPT	8930	Physical Therapy Practice III (8 credits)

DPT	8940	Physical Therapy Practice IV (8 credits)

Adult-Gero Acute Care Nurse Practitioner (Post Master's Certificate)

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.

Additional information may be found at: https://online.hpu.edu/nursing/post-masters-certificates/agacnp/?Access_Code=HPU-PMC-MDirect&utm_campaign=HPU-PMC-MDirect

Requirements

Prerequisites

The MSN Core Courses, including nurse practitioner preparation, graduate-level advanced pathophysiology, pharmacology, and physical assessment are required to have been completed within 5 years if the applicant is not currently practicing as an APRN. A gap analysis will be completed upon acceptance to the program and the applicant may be required to retake core course work. All graduate level NUR course completed will count toward student's final GPA.

Adult-Gero Acute Care Nurse Practitioner Certificate (25 Credits)

DEPT	COURSE #	TITLE
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)

No Capstone project is required for post-master's students

Post-Baccalaureate Certificate in Environment, Policy, and Leadership

Post-Baccalaureate Certificate in Environment, Policy, and Leadership

The Post-Baccalaureate 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.

Post-Baccalaureate Certificate in Environment, Policy, and Leadership

Requirements

Certificate candidates must complete the following four courses (12 credits):

DEPT	COURSE #	TITLE
SUST	6000	Sustainable Human Systems
SUST	6340	An Environmental History of the Modern World
SUST	6500	Ecological Economics and Sustainable Development
ENVS	6XXX	One pre-approved 6000-level ENVS course* **or**
MARS	6XXX	One pre-approved 6000-level MARS course* **or**
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.

Family Nurse Practitioner (Post Master's Certificate)

Post Master's Certificate: Family Nurse Practitioner

This certificate allows nurses with a master's degree in nursing from any school 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.

Additional information may be found at: https://online.hpu.edu/nursing/post-masters-certificates/fnp/?Access_Code=HPU-PMC-MDirect&utm_campaign=HPU-PMC-MDirect

Requirements

Prerequisites

The MSN Core Courses, including nurse practitioner preparation, graduate-level advanced pathophysiology, pharmacology, and physical assessment are required to have been completed within 5 years if the applicant is not currently practicing as an APRN. A gap analysis will be completed upon acceptance to the program and the applicant may be required to retake core course work. All graduate level NUR course completed will count toward student's final GPA

Certificate candidates must complete the following courses:

DEPT	COURSE #	TITLE
NUR	6960	Advanced Theory: Primary Care of Children (3 credits)
NUR	6961	FNP Practicum I (3 credits)
NUR	6962	Advanced Theory: Primary Care of Women (3 credits)
NUR	6963	FNP Practicum II (3 credits)
NUR	6964	Episodic Conditions in Primary Care (3 credits)
NUR	6965	FNP Practicum III (3 credits)
NUR	6966	Chronic Conditions in Primary Care (3 credits)
NUR	6967	FNP Practicum IV (3 credits)

No Capstone project is required for post-master's students

Graduate Certificate in Global Leadership and Sustainable Development

Graduate Certificate in Global Leadership and Sustainable Development

The Graduate Certificate prepares students for leadership positions in organizations 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.

Requirements

Certificate candidates must complete the following courses:

DEPT	COURSE #	TITLE
SUST	6000	Sustainable Human Systems
SUST	6001	Seminar in Environmental Governance **or**
ENVS	6150	Environment, Power and Society
SUST	6350	Globalization and Natural Systems
SUST	6500	Ecological Economics and Sustainable Development

Graduate Certificate in National Security and Strategic Studies

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 Benefits

The Graduate Certificate in National Security and Strategic Studies program is an ideal choice for:

- *Graduate students who want to enhance their understanding of contemporary national security and strategic issues*
- *Military personnel who aspire to be the 'thinking warriors' required of the U.S. military in the twenty-first century*
- *Government civilian employees at the federal , state, and local level, seeking expanded regional or thematic expertise and knowledge*
- *Professionals with defense- and security- related careers*
- *Individuals interested in pursuing careers in homeland security, intelligence, public policy, law enforcement, defense, diplomacy, and related fields*

Program Learning Outcomes

1. *Examine questions, themes, and issues concerning the role of the military and/or diplomacy/statecraft within their chronological and geographical contexts.*
2. *Effectively employ critically reflective tools to interpret pertinent issues pertaining to the application of force and/or diplomacy/statecraft*

Requirements

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 (3 Credits):

DEPT	COURSE #	TITLE
HIST	6601	Seminar: Theory/Practice Diplomacy
PSCI	6601	Seminar: Diplomacy & International Relations

Elective Courses (9 Credits):

DEPT	COURSE #	TITLE

HIST	6601	Seminar: Theory and Practice of Diplomacy (IF NOT TAKEN AS CORE COURSE)
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	6680	Seminar: History of Military Thought
HIST	6990	Internship
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	6151	Seminar: Global Governance
PSCI	6300	Seminar: Indian Foreign and Security Policy
PSCI	6400	Seminar: Chinese Foreign Policy
PSCI	6601	Seminar: Diplomacy & International Relations (IF NOT TAKEN AS CORE COURSE)
PSCI	6605	Seminar: Islam & Politics
PSCI	6610	Seminar: Politics of Developing Nations
PSCI	6620	Seminar: Peacebuilding & Conflict Management
PSCI	6630	Seminar: National and International Security
PSCI	6650	Seminar: Foreign Intelligence
PSCI	6660	Seminar: Civil Resistance and Non-Violent Movements
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	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	6990	Internship
SUST	6001	Seminar: In Environmental Governance
SUST	6340	An Environmental History of the Modern World
SUST	6350	Globalization and Natural Systems
SUST	6360	Sustainability Strategies and Indicators
SUST	6500	Ecological Economics and Sustainable Development

Graduate Certificate in Nonprofit Management

Graduate Certificate in Nonprofit Management

The Graduate Certificate in Nonprofit Management is offered to working professionals or other individuals who are interested in gaining additional knowledge, skills, and attitudes necessary to become successful in 501(c)3 organizations. This certificate has a stand-alone program of study which can be taken without prerequisites except admission to graduate studies. Topics include: nonprofit management as a profession, grant writing, fundraising, and volunteer management. In addition, there is an emphasis on leadership which includes strategic planning for nonprofit organizations.

Certificate Objectives

Students who complete the Graduate Certificate in Nonprofit Management will be able to:

1. *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. *Recognize and articulate an information need and access, evaluate, and use relevant source material effectively, ethically, and legally to facilitate leadership and management in public governance.*
3. *Synthesize relevant information and concepts and effectively, clearly, and persuasively articulate their perspectives to a diverse and changing workforce and citizenry.*
4. *Demonstrate advanced knowledge, skills, and public service perspectives which allow for participation in and contribution to the nonprofit sector.*

Requirements

Required Courses

DEPT	COURSE #	TITLE
CJ	6700	Leadership and Ethics
PADM	6200	Nonprofit Organizations
PADM	6210	Grant Writing and Fundraising
PADM	6220	Staff and Volunteer Management
PADM	6270	Strategic Planning for Nonprofit Organizations

Graduate Certificate in Organization Development and Change

Graduate Certificate in Organization Development and Change

The certificate program focuses on change and development at the organizational, team and individual 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. The courses provide a multi-disciplinary perspective and uses concepts and methods from such fields as management, sociology, anthropology, organization development, and social psychology. The certificate can be valuable for corporate, community, government and military leaders. Students have the opportunity to study an important field of knowledge and develop valuable skills for designing and implementing successful change.

Program Objectives

Students who complete the Graduate *Certificate in Organization Development and Change will:*

1. *Conduct a systems-based diagnosis of organizations that integrates a systems perspective in their diagnosis and assessment of organizations*
2. *Identify the impact of the environment including social, political, and economic forces on the organizational system*
3. *Assess organizational/system shared assumptions, attitudes, beliefs, values and norms (culture)*
4. *Design effective organizational interventions*

Requirements

The courses listed cannot be double counted for both the MAODC degree and the ODC Certificate unless completed prior to admission to the MAODC program.

Certificate candidates must complete the following courses:

Course Courses (6 Credits)

DEPT	COURSE #	TITLE
ODC	6440	Organizational Development and Change
ODC	6443	Change Leadership

Elective Courses (6 Credits)

Student select any course from the following elective courses:

DEPT	COURSE #	TITLE
ODC	6430	Organizational Learning and Systems Thinking
ODC	6444	Innovations and Creativity
ODC	6448	Assessing Culture
ODC	6447	Consulting and Group Process Facilitation
ODC	6435	Workforce and Talent Development
ODC	6990	Internship*
ODC	6997	Special Topics in Organization Development and Change* or
ODC	6998	Directed Readings in Organization Development and Change*

*Internships and special topics/directed readings courses must be approved by the ODC program chair

Graduate Certificate in Sustainability and Security Studies

Graduate Certificate in Sustainability and Security Studies

Program Description

The Graduate Certificate in Sustainability and Security Studies addresses the increasing global, regional, national and local concern about sustainable security. It provides tools to help individuals better understand contemporary intersections between sustainability and security concerns. The program seeks to enhance student's understanding of the highly complex intersections between contemporary sustainability and security challenges as well as examine various possible responses to such threats. It thus combines studies of theories, strategies, approaches, and actions related to the causes, conduct and resolution of sustainable security challenges.

Program Benefits

The Graduate Certificate in Sustainability and Security Studies program is an ideal choice for:

1. *Graduate students seeking to enhance their understanding of the complex intersections surrounding contemporary sustainable security issues*
2. *Military personnel aspiring to become the 'thinking warriors' required of the US military in the twenty-first century knowledge economy*
3. *Government civilian employees at the federal, state, and local level seeking to expanded expertise related to sustainable security issues*
4. *Professionals with or seeking defense-, sustainability, and security-related careers*
5. *Individuals interested in pursuing careers in homeland security, public policy, defense, environmental, security, and related fields*
6. *International students seeking a better comprehension of contemporary sustainable security concerns*

Program Learning Outcomes

1. *Students demonstrate comprehension of the complex intersections between sustainability and security issues*
2. *Students demonstrate the ability to think critically about the complex interrelationships between sustainability and security*

Requirements

PROGRAM OF STUDIES

Two Sustainability Courses (6 credits):

DEPT	COURSE #	TITLE
ENVS	6010	Seminar: Global Climate Change
ENVS	6030	Seminar: Sustainable Energy Systems
ENVS	6040	Seminar: Sustainable Building Science
SUST	6000	Seminar: Sustainable Human Systems
SUST	6001	Seminar: In Environmental Governance
SUST	6330	Seminar: Industrial Ecology and Sustainability
SUST	6340	Seminar: Environmental History of the Modern World
SUST	6350	Seminar: Global Markets in Transition
SUST	6360	Seminar: Sustainability Strategies and Indicators
SUST	6500	Seminar: Ecological Economy and Sustainable Development
SUST	6920	Seminar: Special Topics in Global Leadership and Sustainable Development

Two Security Courses (6 credits):

DEPT	COURSE #	TITLE
HIST	6650	Seminar: Oil: History, Security, and Sustainability
HIST	6670	Seminar: History of Genocide
HIST	6680	Seminar: History of Military Thought
PSCI	6151	Seminar: Global Governance
PSCI	6300	Seminar: Indian Foreign and Security Policy
PSCI	6400	Seminar: Chinese Foreign Policy
PSCI	6610	Seminar: Politics of Developing Nations
PSCI	6620	Seminar: Peacebuilding and Conflict Management
PSCI	6630	Seminar: National and International Security
PSCI	6660	Seminar: Civil Resistance and Non-Violent Movements
PSCI	6661	Seminar: Politics of Terrorism
PSCI	6670	Seminar: Democratization and Human Rights
PSCI	6671	Seminar: Transitions to Democracy
STSS	6301	China’s National Security and Modern Military Doctrine
STSS	6666	Seminar: Theory & Practice of Counterinsurgency

Graduate Certificate Teaching English to Speakers of Other Languages (TESOL)

Graduate Certificate in Teaching English to Speakers of Other Languages (TESOL)

The Graduate Certificate in Teaching English to Speakers of Other Languages (TESOL) 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.

Students who complete the Graduate *Certificate in Teaching English to Speakers of Other Languages will be prepared to demonstrate "A.S.K.":*

1. ***Attitudes** of a professional. Towards colleagues and students, Graduate TESOL Certificate holders will demonstrate teamwork and sensitivity. Towards the discipline, Graduate TESOL Certificate holders will demonstrate a spirit of inquiry and reflection. Towards the global community, Graduate TESOL Certificate holders will demonstrate cultural sensitivity and global citizenship.*
2. ***Skills** at a proficient level in spoken and written communication, in information literacy, in academic or pedagogic research, and in teaching including materials development, lesson planning, or assessment.*
3. ***Knowledge** at a proficient level of the major subfields of linguistics, the theories of second language acquisition, and the principles of language teaching methods.*

Graduate Certificate Teaching English to Speakers of Other Languages (TESOL)

Requirements

Prerequisite Course

DEPT	COURSE #	TITLE
AL	2000	Introduction to Linguistics

Practicum Course (required)

Certificate Candidates must take the following:

DEPT	COURSE #	TITLE
AL	6961	Practicum I in TESOL

Elective Courses

Students complete the certificate by selecting five additional graduate courses in Applied Linguistics (AL) or closely related fields (as approved by the program director).

Transfer Credit: Students may transfer in as many as 6 credits in lieu of required credits in the HPU Graduate *TESOL Certificate. The courses must substitute appropriately for courses in the certificate.*

Associate of Science in Criminal Justice (AS)

ASSOCIATE OF SCIENCE MAJOR IN CRIMINAL JUSTICE

Total Credits Required: 60 Credits

Hawai‘i Pacific University offers the Associate of Science degree in Criminal Justice to students enrolled through the College of Professional Studies upon completion of 60 credit hours of required and elective lower-division (1000- and/or 2000-level) courses. 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.

PROGRAM LEARNING OUTCOMES

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.*

Requirements

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.

LOWER-DIVISION MAJOR REQUIREMENTS (21 CREDITS)

DEPT	COURSE #	TITLE
CJ	1000	Violence in American Society
CJ	1050	Introduction to Criminal Justice
CJ	1500	Introduction to Cybersecurity
CJ	2050	Basic Criminology
CJ	2060	Justice Systems
PADM	1000	Introduction to Leadership in America *(The American Experience)*
PSY	1000	Introduction to Psychology *(Critical Thinking and Expression)*

LOWER-DIVISION ELECTIVE REQUIREMENTS (6 CREDITS)

Complete any two of the following:

DEPT	COURSE #	TITLE
HMLD	2000	Disaster Preparedness & Response
PSCI	1400	American Politics *(The American Experience)*
SOC	1000	Introduction to Sociology
SOC	2000	Social Problems & Policy

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 in Cybersecurity (AS)

ASSOCIATE OF SCIENCE MAJOR IN CYBERSECURITY

Total Credits Required: 60 Credits

Hawai‘i Pacific University offers the Associate of Science degree in Cybersecurity to students enrolled through the College of Professional Studies upon completion of 60 credit hours of required and elective lower-division (1000- and/or 2000-level) courses. The AS in Cybersecurity leads directly into the Bachelor of Science in Cybersecurity. The AS in Cybersecurity will allow students to obtain the basic foundational goals in computer security and networking.

PROGRAM LEARNING OUTCOMES

Students who earn the Associate of Science in Cybersecurity will:

1. Gather evidence and plan an appropriate response/solution to a cybersecurity attack on a system or organization and demonstrate the concepts of confidentiality and integrity in information assurance.
2. Communicate effectively in a variety of professional contexts including client presentation and demonstrate appropriate written and oral communication of technology concepts to a wide audience.
3. Analyze and describe the local and global impact of cybersecurity on individuals, organizations, and society focusing on professional, ethical, legal, security, and social issues and responsibilities related to computing

Associate of Science in Cybersecurity (AS)

Requirements

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.

MAJOR REQUIREMENTS (31 CREDITS)

All of the following (19 Credits):

DEPT	COURSE #	TITLE
CYBS	1000	Cybersecurity Fundamentals
CYBS	2210	CompTIA A+
CYBS	2220	CompTIA Network +
CYBS	2230	CompTIA Security+
CYBS	2240	CISCO Cybersecurity Operations
CSCI	2911	Computer Science I
CSCI	2916	Computer Science I Lab
CSCI	2761	HTML, CSS, and Web Design

And any four of the following (12 Credits):

DEPT	COURSE #	TITLE
CJ	1500	Introduction to Cybersecurity
CSCI	1061	Mobile Technologies for the 21st Century *(Technology & Innovation)*
CSCI	1611	Gentle Introduction to Computer Programming *(Technology & Innovation)**
CSCI	1911	Foundations of Programming*
CSCI	2301	Discrete Mathematics for Computer Science
CSCI	2912	Computer Science II
CYBS	2201	Fundamentals of Cybersecurity
CYBS	2202	Fundamentals of Network Security
CYBS	2203	Secure Programming
MATH	1123	Statistics *(Quantitative Analysis and Symbolic Reasoning)*
MIS	2000	Information Tools for Business *(Technology & Innovation)*

*CSCI 1611 or CSCI 1911 is strongly recommended for students considering a Bachelor of Science in Computer Science

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 General Business (AS)

ASSOCIATE OF SCIENCE MAJOR IN 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 LEARNING OUTCOMES

Students who earn the Associate of Arts in General Business 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.*

Associate of Science General Business (AS)

Requirements

GENERAL EDUCATION COURSES (36 CREDITS)

LOWER-DIVISION MAJOR REQUIREMENTS (21 CREDITS)

DEPT	COURSE #	TITLE
BUS	1000	Introduction to Business
ECON	2010	Principles of Microeconomics *(Critical Thinking & Expression)*
ECON	2015	Principles of Macroeconomics *(Traditions & Movements that Shape the World)*
MATH	1123	Statistics
MATH	1130	Pre-Calculus I *(Quantitative Analysis & Symbolic Reasoning)*
MATH	2326	Mathematics for Decision-Making
MIS	2000	Information Tools for Business *(Technology & Innovation)*

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 60 credit hours.

Associate of Arts General Studies (AA)

ASSOCIATE OF ARTS MAJOR IN GENERAL STUDIES

Total Credits Required: 60 Credits

Hawai‘i Pacific University offers the Associate of Arts degree in General Studies to students enrolled through the College of Professional Studies upon completion of 60 credit hours of required and elective lower-division (1000- and/or 2000-level) courses. 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 LEARNING OUTCOMES

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.*

Requirements

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 in Health Professions (AS)

ASSOCIATE OF SCIENCE MAJOR IN HEALTH PROFESSIONS

Total Credits Required: 60 Credits

Hawai'i Pacific University offers the Associate of Science degree in Health Professions to students enrolled through the College of Professional Studies upon completion of 60 credit hours of required and elective lower-division (1000- and/or 2000-level) courses. The AS in Health Professions helps prepare students for health-related careers or further study in health care 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 LEARNING OUTCOMES

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.*

Associate of Science in Health Professions (AS)

Requirements

GENERAL EDUCATION COURSES (36 CREDITS)

MAJOR REQUIREMENTS (26 CREDITS)

DEPT	COURSE #	TITLE
BIOL	1300	Nutrition: Eat Smarter
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	1000	Introduction to Chemistry *(The Natural World)*
MATH	1123	Statistics *(Quantitative Analysis & Symbolic Reasoning)*
PH	2060	Comparative Health Systems (*Global Crossroads & Diversity)*
SOC	2000	Social Problems and Policy

MAJOR ELECTIVES (3 CREDITS)

DEPT	COURSE #	TITLE
COM	1000	Introduction to Communication (*Critical Thinking and Expression*)
PSY	1000	Introduction to Psychology (*Critical Thinking and Expression*)
SOC	1000	Introduction to Sociology (*The American Experience)*

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 in Homeland Security (AS)

ASSOCIATE OF SCIENCE MAJOR IN 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, and local government as well as private sector law enforcement and security organizations. This program readies students for continued academic studies while leading directly into the Bachelors of Science in Diplomacy and Military Studies, Bachelor of Science in Criminal Justice, or the Bachelor of Arts in International Studies. This degree is conferred through the College of Professional Studies upon completion of 60 credit hours of required and elective lower-division (1000- and/or 2000-level) courses.

PROGRAM LEARNING OUTCOMES

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.*

Requirements

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.

LOWER-DIVISION MAJOR REQUIREMENTS (27 CREDITS)

DEPT	COURSE #	TITLE
HIST	1002	Global Crossroads: 1500-Present *(Global Crossroads & Diversity)*
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
PSCI	1400	American Politics *(The American Experience)*

Complete one of the following:

DEPT	COURSE #	TITLE
CJ	1000	Violence in American Society
CJ	2000	Laws & Courts in World Cultures

Complete one of the following:

DEPT	COURSE #	TITLE
CJ	1500	Introduction to Cybersecurity
CJ	2050	Basic 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 in Supervisory Leadership (AS)

ASSOCIATE OF SCIENCE MAJOR IN SUPERVISORY LEADERSHIP

Total Credits Required: 60 Credits

This major 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 decisions 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). The Associate of Science degree is conferred through the College of Professional Studies upon completion of the 60 credit hours of required and elective lower-division (1000- and/or 2000-level) courses.

PROGRAM LEARNING OUTCOMES

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*.

Associate of Science in Supervisory Leadership (AS)

Requirements

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.

MAJOR REQUIREMENTS (21 CREDITS)

DEPT	COURSE #	TITLE
COM	1000	Introduction to Communication Skills *(Critical Thinking & Expression)*
CSCI	1041	Digital Literacy in a Global Society *(Technology & Innovation)*
HRD	1000	Introduction to Human Resource Development
HRD	2000	Integrated Talent Management
PADM	1000	Introduction to Leadership in America
PADM	2000	Supervisory Leadership
PSCI	2000	Introduction to Politics *(Traditions & Movements that Shape the World)*

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.

Business Administration (BS)

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION WITH CONCENTRATION

Major Credits Required: 75 Credits (57 credits in the major core plus 18 credits of required concentration)

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 five concentrations—Accounting, Finance and Economics, General Business, Management, 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 applications 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.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

Students who complete 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.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION BUSINESS REQUIREMENT (30 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
ACCT	2000	Principles of Accounting I
ACCT	2010	Principles of Accounting II
BUS	1000	Introduction to Business
BUS	2500	Mathematics for Business
ECON	2010	Principles of Microeconomics (*Critical Thinking & Expression)*
ECON	2015	Principles of Macroeconomics (*Traditions & Movements that Shape the World)*
MGMT	2000	Principles of Management
MATH	1123	Statistics
MATH	1130	Pre-Calculus I *(Quantitative Analysis & Symbolic Reasoning)*
MIS	2000	Information Tools for Business *(Technology & Innovation)*

UPPER-DIVISION BUSINESS REQUIREMENTS (24 CREDITS)

DEPT	COURSE #	TITLE
COM	3420	Business Communications
ECON	3020	Managerial Economics
FIN	3000	Business Finance
MGMT	3061	Business Law and Ethics
MGMT	3300	International Business Management
MIS	3000	Fundamentals of Information Systems
MKTG	3000	Principles of Marketing

Plus one Internship course (ACCT 3990, ECON 3990, FIN 3990, MGMT 3990, or MKTG 3990)

CAPSTONE REQUIREMENT (3 CREDITS)

DEPT	COURSE #	TITLE
MGMT	4001	Business Policy

CONCENTRATION REQUIREMENT (18 CREDITS)

Students interested in double concentrations or more than one degree program should consult their academic advisor for information and academic planning. For double concentrations, 12 upper division credits taken must be unique to the second concentration. BSBA students (except for those in the accounting concentration) with a declared minor from another college may use one of their minor courses to satisfy the upper division business elective requirement.

Accounting Concentration - On Campus Only

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.

Students are required to take six core courses below:

DEPT	COURSE #	TITLE
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

Finance and Economics Concentration - On Campus Only

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 and economy. In addition, the curriculum encourages an intensive focus on both the application and theory of operations of the capital markets. Finance and Economics graduates are employed by banks, credit unions, brokerage houses, financial institutions, insurance companies, government agencies, and other related organizations.

Students are required to take five core courses below:

DEPT	COURSE #	TITLE
ECON	3100	Introduction to Econometrics
ECON	3300	Money and Banking
ECON	3400	International Trade and Finance
FIN	3200	Personal Finance
FIN	3300	Investments

Plus one upper-division business elective, which may include an internship

General Business Concentration - On Campus and Online

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 six upper-division business electives which may include one or two internships are required for this concentration

Management Concentration - On Campus Only

This concentration provides for the study of business 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 global business management. In order to meet the challenge 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.

Students are required to take five core courses below:

DEPT	COURSE #	TITLE
MGMT	3000	Management and Organization Behavior
MGMT	3110	Production and Operations Management
MGMT	3400	Human Resource Management
MGMT	3440	Organizational Change and Development
MIS	3020	Information Systems Project Management

Plus one upper-division business elective, which may include an internship or a course from the following list:

DEPT	COURSE #	TITLE
HTM	3110	Hotel and Resort Management
HTM	3210	Food and Beverage Management
HTM	3220	Special Events Management
HTM	3610	Travel Industry Marketing
MGMT	3200	Small Business Management
MGMT	3910	Special Topics in Management
MC	3750	Special Events Planning
ARTS	3000	Arts Entrepreneurship

Marketing Concentration - On Campus Only

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 marking function will also be studied.

Students are required to take five core courses below:

DEPT	COURSE #	TITLE
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 one upper-division business elective, which may include an internship or a course from the following list:

DEPT	COURSE #	TITLE
MKTG	3620	Services Marketing
MC	3300	Social Media
MC	3720	Audience Behavior
MC	3730	New Media Strategies & Sales
MC	3910	Special Topics (E-Commerce)

Business Administration (BS)

Sample 4-Year Degree Plan Accounting Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Business Administration (BS)

Sample 4-Year Degree Plan Management Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Business Administration (BS)

Sample 4-Year Degree Plan Marketing Concentration

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Computer Science (BS)

BACHELOR OF SCIENCE MAJOR IN COMPUTER SCIENCE

Major Credits Required: 72-81 Credits

The Computer Science major meets the high standards set forth by the professional organizations ACM (Association for Computing Machinery—www.acm.org) and IEEE (the Institute of Electrical and Electronics Engineers—www.ieee.org). The range of courses offered includes foundational core courses and advanced, exciting and contemporary elective courses. In the senior capstone project, students apply the skills and knowledge they have acquired throughout the program to address 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 to pursue further graduate studies.

A BSCS with a concentration in Cybersecurity offers a focused area of study. The foundation for the concentration is set by courses already part of the major: assembly programming computer architecture, operating systems, data communications, and databases. Additionally, four upper-level electives relevant to the cybersecurity field must be chosen.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

Students who major in Computer Science will:

1. *Analyze complex computing problems and apply principles of computing and other relevant disciplines to identify and recommend solutions.*
2. *Design, implement, and evaluate computer-based solutions to meet a given set of computing requirements in the context of computing science*
3. *Communicate effectively in written and oral format in a variety of professional contexts.*
4. *Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.*
5. *Function effectively as a member or leader of a team engaged in activities appropriate to computing science.*
6. *Apply computer science theory and software development fundamentals to produce computing-based solutions.*
7. *Interpret, calculate, analyze, and clearly communicate quantitative information using mathematical, statistical, or symbolic reasoning to solve complex problems.*

With the achievement of these outcomes, we expect our students, within a few years of graduation, to be able to:

- *Engage in the productive practice of computer science to solve problems in a range of applications by applying sound principles of theoretical foundations and mathematical bases and communicate these solutions professionally.*
- *Adapt to new technologies, tools and methodologies of computer science practice in the profession and in the academic field.*
- *Meet or exceed the expectations of their employers and professional mentors as computer science professionals.*
- *Utilize their computer science expertise in the work place to advance their careers or pursue advanced academic studies.*

Requirements

GENERAL EDUCATION COURSES

PREREQUISITE COURSES (0-9 CREDITS):

An introductory programing class:

DEPT	COURSE #	TITLE
CSCI	1911	Foundations of Programming **or**
CSCI	1611	A Gentle Introduction to Programming

Pre-Calculus:

DEPT	COURSE #	TITLE
MATH	1130	Pre-Calculus I **and** MATH 1140 Pre-Calculus II **or**
MATH	1150	Pre-Calculus I & II Accelerated

LOWER-DIVISION MAJOR REQUIREMENTS (22 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
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	2214	Calculus I (*General Education: Quantitative Analysis & Symbolic Reasoning)*
MATH	2215	Calculus II
One course in Statistics from: MATH 1123, or PSY 2100, or MATH 3470		

EXPERIMENTAL LAB SCIENCE REQUIREMENTS (8 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:

DEPT	COURSE #	TITLE
BIOL	2050+2051	General Biology I+Lab
BIOL	2052+2053	General Biology II+Lab
BIOL	3020+3021	Plant Biology+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 *(General Education: Natural World)*
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	3000+3001	General Oceanography+Lab
MARS	3002+3003	Ocean Biology+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)

DEPT	COURSE #	TITLE
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

AND (complete one option)

1. UPPER-DIVISION BREADTH ELECTIVES

Plus three additional upper-division CSCI courses

Plus one additional upper-division MATH course

OR

2. CYBERSECURITY CONCENTRATION

For the additional three upper-division CSCI courses, students must take:

DEPT	COURSE #	TITLE
CSCI	3640	Computer Security and Information Assurance

And at least two from this list:

DEPT	COURSE #	TITLE
CSCI	3611	Unix Systems Administration
CSCI	3621	Networking
CSCI	4620	Computer System Forensics
CSCI	4640	Advanced Topics in Cybersecurity

For the additional upper-division MATH course, student must take:

DEPT	COURSE #	TITLE
MATH	3234	Mathematical Cryptology

CAPSTONE SEQUENCE NOTE

The two-semester of CSCI 3911 followed by CSCI 4911 should be taken in the final two semesters of a student's program. By arrangement with the instructor, CSCI 4911 could precede CSCI 3911 if the scheduled sequence is in conflict with a student's planned graduation date. For students in the Cybersecurity concentration, their capstone project must be within the cybersecurity domain.

Computer Science (BS)

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Criminal Justice (BS)

BACHELOR OF SCIENCE MAJOR IN CRIMINAL JUSTICE

Major Credits Required: 63 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 practice-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.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES:

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.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (21 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
CJ	1000	Violence in American Society
CJ	1050	Introduction to Criminal Justice
CJ	1500	Introduction to Cybersecurity
CJ	2050	Basic Criminology
CJ	2060	Justice Systems
PADM	1000	Introduction to Leadership in America *(The American Experience)*
PSY	1000	Introduction to Psychology *(Critical Thinking & Expression)*

LOWER-DIVISION ELECTIVE REQUIREMENTS (6 CREDITS)

Plus any two of the following:

DEPT	COURSE #	TITLE
HMLD	2000	Disaster Preparedness and Response
PSCI	1400	American Politics *(The American Experience)*
SOC	1000	Introduction to Sociology
SOC	2000	Social Problems and Policy

UPPER-DIVISION MAJOR REQUIREMENTS (21 CREDITS)

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
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	3540	Women, Minorities, and Justice
CJ	3560	Family Violence
CJ	3600	Special Topics
CJ	3973	Criminalistics and the Investigation of Injury and Death
CJ	3974	Forensic Science Experiential Learning
LAW	3410	Constitutional Law

CAPSTONE (3 CREDITS)

DEPT	COURSE #	TITLE
CJ	4900	Seminar in Criminal Justice

Criminal Justice (BS)

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Cybersecurity (BS)

BACHELOR OF SCIENCE MAJOR IN CYBERSECURITY

Major Credits Required: 67 Credits

This major is designed to prepare students for careers in the growing cybersecurity industry and is based on the Association for Computing Machinery (ACM) curriculum guidelines that recognizes cybersecurity as a new computing discipline. The degree focuses on integrating scientific theories and practical training to develop programs and applications, to innovate in scientific research, and to provide the required security services to individuals in government, military, private, and public sectors. Students get instruction in the core of information that can lead to industry standard certifications.

PROGRAM LEARNING OUTCOMES

Students who earn the Bachelor of Science in Cybersecurity will:

1. Describe and implement the cybersecurity thought model with regards to confidentiality, integrity, availability, risk, adversarial thinking, and systems thinking. Critical Thinking exercise
2. Develop solutions for all aspects of cybersecurity knowledge areas of data, software, component, connection, system, human, and organizational security. Written communication
3. Gather evidence and plan an appropriate response to a cybersecurity attack on a system or organization
4. Communicate appropriate written and oral communication of technology concepts to a wide audience effectively in a variety of professional contests including client presentations
5. Analyze and describe the local and global impact of cybersecurity on individuals, organizations and society focusing on professional, ethical, legal, security, and social issues and responsibilities relating to computing.
6. Apply algorithmic principles, cryptography, and computing theory in the modeling and design of security solutions for software or system architecture.

Cybersecurity (BS)

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (34 SEMESTER CREDITS)

DEPT	COURSE #	TITLE
CYBS	1000	Cybersecurity Fundamentals
CYBS	2203	Secure Programming
CYBS	2210	CompTIA A+
CYBS	2220	CompTIA Network+
CYBS	2230	CompTIA Security+
CYBS	2240	CISCO Cybersecurity Operations
CSCI	2911	Computer Science I
CSCI	2916	Computer Science I Lab
CSCI	2761	HTML, CSS and Web Design

And any three of the following (9 Credits):

DEPT	COURSE #	TITLE
CJ	1500	Introduction to Cybersecurity
CSCI	1061	Mobile Technologies for the 21st Century *(Technology and Innovation)*
CSCI	1611	A Gentle Introduction to Programming *(Technology and Innovation)*
CSCI	1911	Foundations of Programming
CSCI	2301	Discrete Mathematics for Computer Science
CSCI	2912	Computer Science II
CYBS	2201	Fundamentals of Cybersecurity
CYBS	2202	Fundamentals of Network Security
MATH	1123	Statistics (*Quantitative Analysis and Symbolic Reasoning*)
MIS	2000	Information Tools for Business *(Technology and Innovation)*

UPPER-DIVISION MAJOR REQUIREMENTS (21 SEMESTER CREDITS)

DEPT	COURSE #	TITLE
CSCI	3301	Database Technologies
CSCI	3640	Computer Security & Information Assurance
CYBS	3620	Computer Systems Forensics
CYBS	3250	Cloud+ Security
CYBS	3300	Windows and Linux Server Security
CYBS	3500	Secure Web Application Development
LAW	3720	Cybersecurity Laws, Ethics, and Compliance

UPPER-DIVISION ELECTIVE REQUIREMENTS (9 SEMESTER CREDITS)

Three additional upper-division courses chosen from:

DEPT	COURSE #	TITLE
CSCI	3211	Systems Analysis
CYBS	3070	IT Systems Architecture
CYBS	3030	Programming for Cybersecurity
CYBS	3350	Hackathon
CYBS	3600	Database Administration
CYBS	3750	Ethical Hacking
CYBS	3990	Internship
CYBS	3998	Special Topics in Cybersecurity

CAPSTONE (9 SEMESTER CREDITS)

DEPT	COURSE #	TITLE
CYBS	4900	Seminar in Cybersecurity

Diplomacy and Military Studies (BS)

BACHELOR OF SCIENCE MAJOR IN DIPLOMACY AND MILITARY STUDIES

Major Credits Required: 60-62 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 history, political science, and international relations. These disciplines provide both the historical background to and the current application of diplomatic and military affairs. Learning these various disciplinary approaches and methodologies gives students historical, ethical, contemporary, and practical perspectives on politico-military affairs as well as a better understanding of the role of the military as an institution within society. History courses examine the role of the military in the context of "war and society". They not only look at the development of the military strategy and tactics but also ask questions regarding the relationship of the military establishment to social and technological change as well as the relationship between diplomacy and the use of force. The political science courses view the military in the context of political institutions and the relations n states. The Diplomacy and Military Studies major thus develops the skills, and knowledgebase that will serve as preparation for a career as a leader, whether in today's military, in government service, or in the private sector. Those same skills and knowledge also provide a foundation for pursuing a graduate degree in history, political science, international relations, or law.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

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. *Be prepared to undertake graduate study in history, political science, international relations, and related fields.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (15 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

Take one of the following (3 credits):

DEPT	COURSE #	TITLE
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 (3 credits):

DEPT	COURSE #	TITLE
HIST	1002	Global Crossroads: 1500-Present *(Global Crossroads & Diversity)*
HIST	1402	Introduction to American History since 1865 *(American Experience)*

Take all of the following (9 credits):

DEPT	COURSE #	TITLE
HIST	2900	The Historian's Craft
INTR	1000	The International System *(Global Crossroads & Diversity)*
PSCI	2000	Introduction to Politics *(Traditions & Movements)*

LOWER-DIVISION LANGUAGE REQUIREMENTS (3-4 CREDITS)

One semester of language, or demonstrated proficiency at first-semester level of an approved language.

UPPER-DIVISION MAJOR REQUIREMENTS (24 CREDITS)

Take all of the following:

DEPT	COURSE #	TITLE
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 **or** HIST 4961 Seminar in Military History
INTR	3000	International Relations
INTR	3200	National and International Security **or** PSCI 3500 Comparative Politics
PSCI	3412	American Foreign Policy

UPPER-DIVISION MAJOR ELECTIVES (15-16 CREDITS)

Choose one of the following options:

I. For students not in the ROTC program, take the following 5 courses (15 credits):

DEPT	COURSE #	
HIST	Any 3000- or 4000-level course	
INTR	Any 3000- or 4000-level course	
PSCI	Any 3000- or 4000-level course	
HIST OR INTR OR PSCI	Any 3000- or 4000-level course	
HIST OR INTR OR PSCI	Any 3000- or 4000-level course	

Note: courses already taken as Major Requirements cannot be double counted as Major Electives.

II. For students in the ROTC program, take the following 16 credits:

DEPT	COURSE #	TITLE
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

CAPSTONE REQUIREMENT (3 CREDITS)

Take any one of the following:

DEPT	COURSE #	TITLE
HIST	4900	Seminar in History
PSCI	4900	Senior Seminar
INTR	4900	Senior Seminar

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Human Resource Development (BA)

BACHELOR OF ARTS MAJOR IN HUMAN RESOURCE DEVELOPMENT

Major Credits Required: 51 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 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, and Analytics
6. Organizational Development
7. Organizational Leadership
8. Organizational Staffing
9. Project Management

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

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.*

Human Resource Development (BA)

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (15 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
HRD	1000	Introduction to Human Resource Development
HRD	2000	Integrated Talent Management
MATH	1123	Statistics *(Quantitative Analysis & Symbolic Reasoning)*
PADM	1000	Introduction to Leadership in America *(The American Experience)*
PSY	1000	Introduction to Psychology *(Critical Thinking & Expression)*

UPPER-DIVISION MAJOR REQUIREMENTS (30 CREDITS)

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
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

Hawai'i Pacific University

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Psychology (BA)

BACHELOR OF ARTS MAJOR IN PSYCHOLOGY

Major Credits Required: 56-58 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.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

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.*

Psychology (BA)

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (11 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
PSY	1000	Introduction to Psychology *(Critical Thinking & Expression)*
PSY	2100	Statistics in Psychology
PSY	2200	Research Methods in Psychology

LOWER-DIVISION LANGUAGE REQUIREMENTS (6-8 CREDITS)

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

UPPER-DIVISION REQUIREMENTS (39 CREDITS)

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
PSY	3500	Tests and Measurements in Psychology
PSY	3550	Advanced Statistics in Psychology

Plus take at least one of the following:

DEPT	COURSE #	TITLE
PSY	3600	Abnormal Psychology
PSY	3700	Personality

Plus take at least one of the following:

DEPT	COURSE #	TITLE
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)

Psychology (BA)

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Public Administration (BA)

BACHELOR OF ARTS IN PUBLIC ADMINISTRATION

Major Credits Required: 57 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.

To complete the bachelor's degree, students must complete a minimum total of 120 credits with a cumulative grade point average of at least 2.0.

PROGRAM LEARNING OUTCOMES

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.*

Requirements

GENERAL EDUCATION COURSES

LOWER-DIVISION MAJOR REQUIREMENTS (18 CREDITS)

Note: Courses with parenthetical notations also meet the General Education requirement for the category identified in italics.

DEPT	COURSE #	TITLE
HRD	1000	Introduction to Human Resource Development
HRD	2000	Integrated Talent Management
MATH	1123	Statistics *(Quantitative Analysis & Symbolic Reasoning)*
PADM	1000	Introduction to Leadership in America *(The American Experience)*
PADM	2000	Supervisory Leadership
PSCI	2000	Introduction to Politics *(Traditions & Movements that Shape the World)*

UPPER-DIVISION MAJOR REQUIREMENTS (36 CREDITS)

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
ANTH	3350	Diversity in the Workplace
CJ	3990	Internship
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)

DEPT	COURSE #	TITLE
PADM	4000	Strategic Planning for Government Organizations

Sample 4-Year Degree Plan

This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.

Master of Science in Business Analytics & Information Security

MASTER OF SCIENCE IN BUSINESS ANALYTICS & INFORMATION SECURITY

PROGRAM LEARNING OUTCOMES

Students who complete the Master of Science in Business Analytics and Information Security will:

1. *Model business solutions involving people, processes, and information.*
2. *Manage, analyze, and report business data.*
3. *Develop an information security plan for a business environment.*
4. *Create effective oral and written communication*

The goal of the Master of Science in Business Analytics and Information Security program is to produce informed and capable information scientists. Upon completion, students will have demonstrable knowledge of planning, managing, securing, and analyzing information in different business scenarios. Students will also have demonstrable knowledge of the organizational, social, political, ethical, and technological implications.

Master of Science in Business Analytics & Information Security

Requirements

The program requires a minimum of 33 semester hours of graduate work. The 33 semester hours are divided into 33 semester hours of core course and 3 semester hours of capstone course.

CORE COURSES (21 SEMESTER CREDITS)

DEPT	COURSE #	TITLE
IS	6006	Information Systems Management
IS	6022	Methods in Project Management
IS	6041	Business Analytics for the Big Data Revolution
IS	6341	Information Security Foundations
IS	6066	Enterprise Data Management
IS	6281	Data Mining for Big Data Analytics
IS	6351	Information Security Management

CAPSTONE COURSE (3 SEMESTER CREDITS)

DEPT	COURSE #	TITLE
IS	7500	MSBAIS Integrated Capstone

ELECTIVE COURSES (9 SEMESTER CREDITS)

MSBAIS students can fulfill their elective requirement by taking three of the following three credit courses:

DEPT	COURSE #	TITLE
IS	6230	Knowledge Management
IS	6260	Network Analysis
IS	6360	Big Data
IS	6990	Non-paid Internship
IS	6997	Special Topics in Information Systems
IS	6998	Directed Studies in Information Systems

Master of Business Administration

MASTER OF BUSINESS ADMINISTRATION

PROGRAM LEARNING OUTCOMES

Students who complete the Master of Business Administration will be able to:

1. *Explain theories in the functional areas of business*
2. *Use effective teamwork skills*
3. *Produce persuasive oral and written communication to business audiences*
4. *Develop solutions to problems using business principles*

Master of Business Administration

Requirements

PREREQUISITES

While there are no business course prerequisites, potential students must demonstrate strong quantitative ability and effective written and oral communication skills. MBA foundation courses or modules may be requested from applicant.

The core course is designed to provide a foundation in business knowledge and skills. Elective courses build upon the business core and center on the further development of an optional graduate certificate. There may be additional requirements that vary by graduate certificate. Student must complete all elective course prior to completion of MBA Capstone course.

CORE COURSES (28 CREDITS)

DEPT	COURSE #	TITLE
BUS	5001	MBA: Hoʻomakaukau
MGMT	6002	Leadership of Self and Others
MKTG	6001	Strategic Marketing in the Digital Age
IS	6041	Business Analytics for Big Data Revolution
ACCT	6001	Financial Information for Managers in the 4th Industrial Revolution
ECON	6001	Economics of Global Competitiveness and Strategy
MGMT	6331	Managing Across Borders in the 21st Century
FIN	6001	Complex Financial Decision Making in the New Age of Technology
MGMT	6900	Strategic Management in the Fourth Industrial Revolution

Elective Course (approved by program chair)

CAPSTONE COURSES (4 CREDITS)

DEPT	COURSE #	TITLE
MGMT	7004	MBA Capstone Project
BUS	7999	MBA: A Hui Hou

OPTIONAL ELECTIVES IN RESEARCH or a GRADUATE CERTIFICATE PROGRAM

Choose any COB graduate elective course (approved by program chair) or coursework in any of the approved graduate certificates for deeper specialization.

COLLEGE/DEPT	MAX # OF CREDITS	CERTIFICATE
COB	9	Graduate Certificate in Business Analytics
CLA	12	Post-Baccalaureate Certificate in Environment, Policy, and Leadership
CLA	12	Graduate Certificate in Global Leadership and Sustainable Development
CLA	12	Graduate Certificate in National Security and Strategic Studies
CPS	15	Graduate Certificate in Nonprofit Management
CPS	12	Graduate Certificate in Organization Development and Change
CLA	12	Graduate Certificate in Sustainability and Security Studies
CLA	18	Graduate Certificate Teaching English to Speakers of Other Languages (TESOL)

Master of Science in Criminal Justice

MASTER OF SCIENCE IN CRIMINAL JUSTICE

The Master of Science in Criminal Justice (MSCJ) degree is designed for those who want to advance in the field of criminal justice and seek a deeper understanding of criminal justice issues for application in related fields. This MSCJ Program looks at the complex issues that surround crime and justice and helps students develop the skills and techniques used by criminal justice leaders so they can apply principles of leadership in organizational settings, as well as gain an informed perspective of law enforcement, the judicial system, and corrections at the managerial levels. Vulnerable populations, organizational leadership and change, and technological advances in the field of criminal justice are also covered.

PROGRAM LEARNING OUTCOMES

Students who complete the Master of Science in Criminal Justice will:

1. *Apply critical thinking skills to identity, analyze, and address crime and criminal justice issues.*
2. *Locate, access, evaluate, synthesize and use scholarly sources of information related to crime theory and policy.*
3. *Effectively communicate in Writing and speaking in the presentation of criminology and justice principles and their applications to issues, situations, and research.*
4. *Develop a fundamental commitment to ethical analysis in the practice of criminal justice that considers human rights, integrity, and accountability.*
5. *Demonstrate advanced knowledge and understanding of research methods, statistics and program evaluation techniques.*

Requirements

CORE COURSES (18 CREDITS)

DEPT	COURSE #	TITLE
CJ	6700	Leadership and Ethics
CJ	6710	Civil Liability and Civil Rights Challenges
CJ	6720	Criminal Justice Organizations
CJ	6750	Administrative and Constitution Procedures for Professionals
PADM	6000	Public Administration and Public Service
PADM	6300	Statistical Analysis for Effective Decision Making

CAPSTONE COURSE (6 CREDITS)

DEPT	COURSE #	TITLE
CJ	7001	Professional Paper I
CJ	7002	Professional Paper II

ELECTIVES (12 CREDITS)

DEPT	COURSE #	TITLE
CJ	6730	Contemporary Issues in Criminal Justice
CJ	6740	Media and the Criminal Justice Professions
CJ	6760	Hostage/Crisis Negotiations
CJ	6998	Special Topics in Criminal Justice
CJ	6990	Internship
HMLD	6000	Homeland Security
PADM	6100	Public Personnel Management
PADM	6400	Public Policy
PADM	6610	City Management and Urban Policy
PADM	6640	Diversity in the Workplace

Master of Education in Educational Leadership

MASTER OF EDUCATION IN EDUCATIONAL LEADERSHIP

The Masters of Education in Educational Leadership prepares graduates to become administrative leaders in classrooms, schools and higher education institutions. Guided by a profound belief in active, collaborative, experiential, reflective, and transformative learning as well as a deep commitment to diversity and educational technology, this degree program is based on an innovative, inquiry-oriented, standards-driven, and field-based curriculum that integrates content and pedagogy and employs an electronic-portfolio-based assessment system to evaluate students' progress toward achieving professional standards. In addition, HPU provides teachers with cutting-edge course-web-page technology tools and access to online periodical databases in education.

University faculty, teachers, and principals join in a unique partnership to deliver an innovative curriculum that has been designed to develop and advance professional educators who are reflective practitioners dedicated to the scholarship of teaching and learning and school renewal. This partnership forms the basis for an alumni *'ohana* that provides continuing mentoring and support to its graduates. The courses are taught in an online cohort format, where students in a cohort follow a set schedule of classes together from start to finish.

Instructional Design Concentration

The Master of Education in Educational Leadership offers a concentration for students to focus their learning in *Instructional Design*. The Masters of Education in Educational Leadership with concentration in *Instructional Design* prepares graduates to become leaders in training, development and innovative teaching. Courses in the instructional design concentration address instructional design, theory and practice of e-learning, and multimedia strategies and tactics as solutions for instructional goals.

PROGRAM LEARNING OUTCOMES

Students who complete the Master of Education in Educational Leadership will:

1. *Use assessment strategies to evaluate and ensure the continuous intellectual, social, and physical development of the learner. Students will use formal and informal assessment strategies to evaluate and ensure the continuous intellectual, social, and physical development of the learner.*
2. *Understand diversity and provide equal learning opportunities. Use an understanding of individual and group motivation and behavior to create a learning environment that encourages positive social interaction, active engagement in learning, and self-motivation. Students will understand how students differ in their approaches to learning and create instructional opportunities that are adapted to diverse learners to support their intellectual, social, and personal development.*
3. *Research, evaluate, and use a variety of instructional strategies. Students will research, evaluate and use a variety of instructional strategies to encourage students' development of critical thinking, problem solving, and performance skills.*
4. *Use effective communication to foster active inquiry. Students will use effective verbal, nonverbal, and media communication techniques to foster active inquiry, collaboration, and supportive interaction in the classroom.*
5. *Become reflective practitioners. Students will become reflective practitioners who continually evaluate the effects of their choices and actions on others (students, parents, and other professionals in the learning community) and who actively seek out opportunities to grow professionally.*
6. *Capstone Research. Understand, analyze, evaluate, and apply the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and can create a capstone research that makes these aspects of subject matter meaningful for students.*

Requirements

Course of Study

The Master of Education in Educational Leadership program consists of 33 credit hours of required coursework. The first 6 courses are required Core Courses (18 credits) designed to provide the foundation that each MEDEL student will complete. The Concentration Courses (12 credits) are specific to the concentration of study, Educational Leadership or Instructional Design. Each student will complete the program with a Capstone Research course (3 credits) grounded in their concentration of study.

CORE COURSES (18 Credits)

DEPT	COURSE #	TITLE
ED	6605	Research in Education
ED	6615	Contemporary Issues in Education
ED	6640	Ethics in Education
ED	6650	Self-Management in Education
ED	6660	Diversity and Social Justice
ED	6670	Technology in Education

SELECT ONE PATHWAY:

1. COURSES IN GENERAL EDUCATIONAL LEADERSHIP (12 Credits)

DEPT	COURSE #	TITLE
ED	6620	Educational Assessment
ED	6630	Teacher Leadership
ED	6680	Budget Analysis and Planning for Schools
ED	6690	School Law

OR

2. CONCENTRATION COURSES IN INSTRUCTIONAL DESIGN (12 Credits)

DEPT	COURSE #	TITLE
ED	6671	Instructional Design
ED	6672	Theory & Practice of E-Learning
ED	6673	Instructional Media I
ED	6674	Instructional Media II

CAPSTONE COURSE IN EDUCATIONAL LEADERSHIP (3 Credits)

DEPT	COURSE #	TITLE
ED	6695	Capstone Research

Master of Education in Elementary Education (Online)

MASTER OF EDUCATION IN ELEMENTARY EDUCATION

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-webpage 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 LEARNING OUTCOMES

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 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 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 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 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 advance the profession.*

Requirements

Prior to admission to the program, teacher candidates seeking the licensure in Elementary Education must have successfully passed the PRAXIS II Elementary Content Knowledge Test.

All coursework will be completed online, however the Clinical Practice component (student teaching) must be conducted in a school in the State of Hawaii.

CORE COURSES IN EDUCATION (30 Credits)

DEPT	COURSE #	TITLE
ED	6000	The Professional Educator
ED	6100	Educational Psychology
ED	6200	Introduction to Educational Research
ED	6300	Introduction to Teaching
ED	6310	Culturally Responsive Education in Hawai'i
ED	6401	Elementary Curriculum I: Language Arts
ED	6402	Elementary Curriculum II: Math and Science
ED	6403	Elementary Curriculum III: Social Studies and the Arts
ED	6430	The English Language Learner (3 credits)
ED	6700	The Exceptional Learner (3 credits)

CAPSTONE COURSES IN EDUCATION (6 Credits)

Next, teacher candidates must complete the following capstone courses to be recommended for licensure:

DEPT	COURSE #	TITLE
ED	6511	Elementary Education Clinical Practice I
ED	6512	Elementary Education Clinical Practice II

Master of Science in Nursing

MASTER OF SCIENCE IN NURSING

Family Nurse Practitioner (FNP) - On-campus and Online

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 LEARNING OUTCOMES

Planning is underway to transition the curriculum to address the 2021 AACN The Essentials: Core Competencies for Professional Nursing Education.

The Master of Science in Nursing, Family Nurse Practitioner graduate will achieve the following outcomes:

1. ***Advanced Clinical Practice:*** *The MSN FNP graduate will 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:*** *The graduate will synthesize the evidence-based practice guidelines, critical thinking, and reflection to provide appropriate care as the foundation to practice.*
3. ***Transformational Leadership:*** *The graduate will demonstrate transformational leadership in the nursing profession.*
4. ***Professionalism/Ethics:*** *The graduate will practice as an independent provider ethically bound to operate within the guidelines, standards, and scope of practice.*
5. ***Quality Improvement and Safety:*** *The graduate will integrate current evidence to improve the quality of clinical practice and promote safe care.*
6. ***Health Care Informatics:*** *The graduate will incorporate knowledge of clinical decision support tools to assist in charting, decision making, research, and scholarship.*
7. ***Health Policy and Advocacy:*** *The graduate will 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:*** *The graduate will practice collaboratively with other professionals in the health care system.*
9. ***Transcultural Care:*** *The graduate will maximize the client's health and wellbeing within the parameters of the client's own cultural traditions and beliefs.*

Adult-Gero Acute Care Nurse Practitioner (AGACNP) - On-campus and Online

The Adult-Gero Acute Care Nurse Practitioner (AGACNP) track is an option track of the MSN program that prepares the successful graduate to sit for the national board exam for the AGACNP 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 LEARNING OUTCOMES

The Master of Science in Nursing Adult Gerontology Acute Care Nurse Practitioner graduate will achieve the following outcomes:

1. Advanced Clinical Practice

The MSN AGACNP graduate will

- *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

The MSN AGACNP graduate will

- *Promote the delivery of evidence-based care for patients with complex acute, critical, and chronic physical and mental illness.*
- *Participate in the design, implementation, and/or 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

The MSN AGACNP graduate will

- *Demonstrate leadership to promote improved health care outcomes for the adult–older adult population in practice, policy, and other venues.*

4. Professionalism/Ethics

The MSN AGACNP graduate will

- *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

The MSN AGACNP graduate will

- *Integrate current evidence to improve the quality of clinical practice and promote safe care.*

6. Health Care Informatics

The MSN AGACNP graduate will

- *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

The MSN AGACNP graduate will

- *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

The MSN AGACNP graduate will

- *Work collaboratively with a variety of health professionals to achieve patient care goals and 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

The MSN AGACNP graduate will

- *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.*

Psychiatric Mental Health Nurse Practitioner (PMHNP) - Online Only

The Psychiatric Mental Health Nurse Practitioner (PMHNP) concentration is an option of the MSN-Online program that prepares the successful graduate to sit for the American Academy of Nurse Practitioners (AANP) or American Nurses Credentialing Center (ANCC) exam required for licensure as a psychiatric mental health nurse practitioner. Students begin the MSN-Online/PMHNP concentration program by completing six core courses before taking a series of specialized courses that explore the treatment of complex mental health needs with a view toward recovery-focused interventions.

PROGRAM LEARNING OUTCOMES

The Master of Science in Nursing, Psychiatric Mental Health Nurse Practitioner graduate will achieve the following outcomes:

1. **Advanced Clinical Practice:** The MSN PMHNP graduate will demonstrate and apply the knowledge, skill, and judgment to independently provide direct patient care that incorporates assessment, diagnosis, and treatment of mental health needs across the life span within a variety of settings.
    - Provide therapy and prescribe medications for patients with mental health disorders and substance abuse problems
    - Perform physical and psychosocial assessments, emergency psychiatric care, and treatment effectiveness evaluations
2. **Evidence-Based Practice:** The graduate will synthesize the evidence-based practice guidelines, critical thinking, and reflection to provide appropriate care as the foundation to practice.
3. **Transformational Leadership:** The graduate will demonstrate transformational leadership in the nursing profession.
4. **Professionalism/Ethics:** The graduate will practice as an independent provider ethically bound to operate within the guidelines, standards, and scope of practice.
5. **Quality Improvement and Safety:** The graduate will integrate current evidence to improve the quality of clinical practice and promote safe care.
6. Health Care Informatics: The graduate will incorporate knowledge of clinical decision support tools to assist in charting, decision making, research, and scholarship.
7. **Health Policy and Advocacy:** The graduate will 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:** The graduate will practice collaboratively with other professionals in the health care system.
9. **Transcultural Care:** The graduate will maximize the client's health and wellbeing within the parameters of the client's own cultural traditions and beliefs.

Requirements

PREREQUISITES

DEPT	COURSE #	TITLE
MATH	1123	Statistics
NUR	4700	Research Proposal Development

MSN CORE COURSES (18 CREDITS)

DEPT	COURSE #	TITLE
NUR	6000	Advanced Practice Roles in a Diverse Society (3 credits)
NUR	6010	Advanced Pathophysiology (3 credits)
NUR	6015 or 8050	Community/Public Health Policy and Program Planning (On Campus Only) or Development and Implementation of Health Care Policy (Online Only) (3 credits)
NUR	6020	Advanced Nursing Research (3 credits)
NUR	6025	Applied Drug Therapies for the APRN (3 credits)
NUR	6030	Advanced Physical Assessment & Diagnostic Reasoning (3 credits)

SELECT ONE CONCENTRATION:

FAMILY NURSE PRACTITIONER CONCENTRATION (27-30 CREDITS)

DEPT	COURSE #	TITLE
NUR	6960	Advanced Theory: Primary Care of Children (3 credits)
NUR	6961	FNP Practicum I (3 credits)
NUR	6962	Advanced Theory: Primary Care of Women (3 credits)
NUR	6963	FNP Practicum II (3 credits)
NUR	6964	Advanced Theory: Primary Care of Adults (3 credits)
NUR	6965	FNP Practicum III (3 credits)
NUR	6966	Advanced Theory: Primary Care of the Geriatric Adult (3 credits)
NUR	6967	FNP Practicum IV (3 credits)
NUR	6969	Practicum V (3 credits) *(Elective)*
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 CONCENTRATION (28 CREDITS)

DEPT	COURSE #	TITLE
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)

PSYCHIATRIC MENTAL HEALTH NURSE PRACTITIONER CONCENTRATION (30 CREDITS) - Online Only

DEPT	COURSE #	TITLE
NUR	6026	Psychopharmacology Across the Lifespan (3 credits)
NUR	6970	Advanced Psychiatric/Mental Health Nursing I (3 credits)
NUR	6971	Advanced Psychiatric/Mental Health Nursing I Practicum (5 credits)
NUR	6972	Advanced Psychiatric/Mental Health Nursing II (3 credits)
NUR	6973	Advanced Psychiatric/Mental Health Nursing II Practicum (5 credits)
NUR	6974	Advanced Psychiatric/Mental Health Nursing III (3 credits)
NUR	6975	Advanced Psychiatric/Mental Health Nursing III Practicum (5 credits)
NUR	7000	Project Proposal Paper (3 credits)

RN to MSN Pathway

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:

DEPT	COURSE #	TITLE
WRI	1200	Research, Argument, and Writing (3 credits)
MATH	1123	Statistics (3 credits)
NUR	3710	Leadership Through EBP & Research (3 credits)
NUR	4780	Community Health Nursing (3 credits)
NUR	4781	Community Health Nursing Clinical/Lab (3 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.

Doctor of Nursing Practice

DOCTOR OF NURSING PRACTICE

The Doctor of Nursing Practice (DNP) provides two pathways, MSN-DNP and BSN-DNP, for 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. A concentration in one of three areas is required for the BSN-DNP pathway track.

PROGRAM LEARNING OUTCOMES

Planning is underway to transition the curriculum to address the 2021 AACN The Essentials: Core Competencies for Professional Nursing Education.

1. Advanced Clinical Practice

The Doctorate of Nursing Practice graduate will practice both independently and interdependently based on scientific underpinnings that focus on systematic transformation of the delivery of health care.

2. Evidence-Based Practice

The Doctorate of Nursing Practice graduate will 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

The Doctorate of Nursing Practice graduate will 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

The Doctorate of Nursing Practice graduate will 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

The Doctorate of Nursing Practice graduate will 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

The Doctorate of Nursing Practice graduate will 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

The Doctorate of Nursing Practice graduate will 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

The Doctorate of Nursing Practice graduate will 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.

Doctor of Nursing Practice

MSN-DNP Requirements

PREREQUISITE

MSN-DNP pathway must have a Master of Science in Nursing (MSN) from an accredited university and a U.S. state RN license for admission with at least 500 APRN practicum hours to meet the minimal program requirement of 1000 hours.

MSN-DNP COURSES (30 CREDITS) - Online Only

DEPT	COURSE #	TITLE
NUR	8000	Evidence Based Practice for Advanced Nursing (3 credits)
NUR	8010	Leadership and Systems Management (3 credits)
NUR	8020	Informatics and Technology for Advanced Practice (3 credits)
NUR	8030	Optimizing Quality in Health Care Systems (3 credits)
NUR	8040	Business and Finance Essentials for the DNP (3 credits)
NUR	8050	Development and Implementation of Health Care Policy (3 credits)
NUR	8060	Essential Competencies for Nurse Educators (3 credits r)
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.

Doctor of Nursing Practice

BSN-DNP Requirements

PREREQUISITE

BSN-DNP pathway must have a Bachelor of Science in Nursing (BSN) from an accredited university and a U.S. state RN license for admission. Undergraduate Statistics course is required.

BSN-DNP ADULT GERONTOLOGY ACUTE CARE NURSE PRACTITIONER (76 CREDITS) - Online Only

Concentration Core Courses (15 Credits)

DEPT	COURSE #	TITLE
NUR	6000	Advanced Practice Roles in a Diverse Society (3 credits)
NUR	6010	Advanced Pathophysiology (3 credits)
NUR	6020	Advanced Nursing Research (3 credits)
NUR	6025	Applied Drug Therapies for the APRN (3 credits)
NUR	6030	Advanced Physical Assessment & Diagnostic Reasoning (2 credits)
NUR	6031	Advanced Physical Assessment & Diagnostic Reasoning Lab (1 credit)

AGACNP Courses (25 Credits)

DEPT	COURSE #	TITLE
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)

DNP Courses (36 Credits)

DEPT	COURSE #	TITLE
NUR	8000	Evidence Based Practice for Advanced Nursing (3 credits)
NUR	8010	Leadership and Systems Management (3 credits)
NUR	8020	Informatics and Technology for Advanced Practice (3 credits)
NUR	8030	Optimizing Quality in Health Care Systems (3 credits)
NUR	8040	Business and Finance Essentials for the DNP (3 credits)
NUR	8050	Development and Implementation of Health Care Policy (3 credits)
NUR	8060	Essential Competencies for Nurse Educators (3 credits)
NUR	8070	Clinical Scholarship and Scholarly Writing (3 credits)
NUR	8080	Analytical Methods for Evidence-Based Practice (3 credits)
NUR	9010	Doctoral Project I: Development (3 credits)
NUR	9020	Doctoral Project II: Implementation (3 credits)
NUR	9030	Doctoral Project III: Data Analysis and Dissemination (3 credits)

BSN-DNP FAMILY NURSE PRACTITIONER (75 CREDITS) - Online Only

MSN Core Courses (15 Credits)

DEPT	COURSE #	TITLE
NUR	6000	Advanced Practice Roles in a Diverse Society (3 credits)
NUR	6010	Advanced Pathophysiology (3 credits)
NUR	6020	Advanced Nursing Research (3 credits)
NUR	6025	Applied Drug Therapies for the APRN (3 credits)
NUR	6030	Advanced Physical Assessment & Diagnostic Reasoning (2 credits)
NUR	6031	Advanced Physical Assessment & Diagnostic Reasoning Lab (1 credit)

FNP Courses (24 Credits)

DEPT	COURSE #	TITLE
NUR	6960	Advanced Theory: Primary Care of Children (3 credits)
NUR	6961	FNP Practicum I (3 credits)
NUR	6962	Advanced Theory: Primary Care of Women (3 credits)
NUR	6963	FNP Practicum II (3 credits)
NUR	6964	Advanced Theory: Primary Care of Adults (3 credits)
NUR	6965	FNP Practicum III (3 credits)
NUR	6966	Advanced Theory: Primary Care of the Geriatric Adult (3 credits)
NUR	6967	FNP Practicum IV (3 credits)

DNP Courses (36 Credits)

DEPT	COURSE #	TITLE
NUR	8000	Evidence Based Practice for Advanced Nursing (3 credits)
NUR	8010	Leadership and Systems Management (3 credits)
NUR	8020	Informatics and Technology for Advanced Practice (3 credits)
NUR	8030	Optimizing Quality in Health Care Systems (3 credits)
NUR	8040	Business and Finance Essentials for the DNP (3 credits)
NUR	8050	Development and Implementation of Health Care Policy (3 credits)
NUR	8060	Essential Competencies for Nurse Educators (3 credits)
NUR	8070	Clinical Scholarship and Scholarly Writing (3 credits)
NUR	8080	Analytical Methods for Evidence-Based Practice (3 credits)
NUR	9010	Doctoral Project I: Development (3 credits)
NUR	9020	Doctoral Project II: Implementation (3 credits)
NUR	9030	Doctoral Project III: Data Analysis and Dissemination (3 credits)

BSN-DNP PSYCHIATRIC MENTAL HEALTH NURSE PRACTITIONER (78 CREDITS) - Online Only

Concentration Core Courses (15 Credits)

DEPT	COURSE #	TITLE
NUR	6000	Advanced Practice Roles in a Diverse Society (3 credits)
NUR	6010	Advanced Pathophysiology (3 credits)
NUR	6020	Advanced Nursing Research (3 credits)
NUR	6025	Applied Drug Therapies for the APRN (3 credits)
NUR	6030	Advanced Physical Assessment & Diagnostic Reasoning (2 credits)
NUR	6031	Advanced Physical Assessment & Diagnostic Reasoning Lab (1 Credit)

PMHNP Courses (27 Credits)

DEPT	COURSE #	TITLE
NUR	6026	Psychopharmacology Across the Lifespan (3 credits)
NUR	6970	Advanced Psychiatric/Mental Health Nursing I (3 credits)
NUR	6971	Advanced Psychiatric/Mental Health Nursing I Practicum (5 credits)
NUR	6972	Advanced Psychiatric/Mental Health Nursing II (3 credits)
NUR	6973	Advanced Psychiatric/Mental Health Nursing II Practicum (5 credits)
NUR	6974	Advanced Psychiatric/Mental Health Nursing III (3 credits)
NUR	6975	Advanced Psychiatric/Mental Health Nursing III Practicum (5 credits)

DNP Courses (36 Credits)

DEPT	COURSE #	TITLE
NUR	8000	Evidence Based Practice for Advanced Nursing (3 credits)
NUR	8010	Leadership and Systems Management (3 credits)
NUR	8020	Informatics and Technology for Advanced Practice (3 credits)
NUR	8030	Optimizing Quality in Health Care Systems (3 credits)
NUR	8040	Business and Finance Essentials for the DNP (3 credits)
NUR	8050	Development and Implementation of Health Care Policy (3 credits)
NUR	8060	Essential Competencies for Nurse Educators (3 credits)
NUR	8070	Clinical Scholarship and Scholarly Writing (3 credits)
NUR	8080	Analytical Methods for Evidence-Based Practice (3 credits)
NUR	9010	Doctoral Project I: Development (3 credits)
NUR	9020	Doctoral Project II: Implementation (3 credits)
NUR	9030	Doctoral Project III: Data Analysis and Dissemination (3 credits)

Master of Arts in Organization Development and Change

MASTER OF ARTS IN ORGANIZATION DEVELOPMENT AND CHANGE

PROGRAM LEARNING OUTCOMES

Students who complete the Master of Arts in Organization Development and Change will:

1. *Conduct a systems-based diagnosis of organizations that integrates a systems perspective in their diagnosis and assessment of organizations*
2. *Identify the impact of the environmental including social, political, and economic forces on the organizational system*
3. *Assess organizational/system shared assumptions, attitudes, beliefs, values and norms (culture)*
4. *Design effective organizational interventions*
5. *Develop a learning environment which capitalizes on successes and failures*
6. *Communicate effectively by designing and delivering written works and oral presentations to include assessments, evaluations, diagnosis feedback, and related products*

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.

Requirements

The program requires a minimum of 30 semester hours of graduate work. The 30 semester hours are divided into 27 semester hours of core courses and 3 semester hours of capstone course.

CORE COURSES (27 CREDITS)

DEPT	COURSE #	TITLE
ODC	6400	Leadership, Culture, and Group Dynamics
ODC	6430	Organizational Learning and Systems Thinking
ODC	6440	Organization Development and Change
ODC	6443	Change Leadership
ODC	6444	Innovations and Creativity
ODC	6447	Consulting and Group Process Facilitation
ODC	6448	Assessing Culture
ODC	6435	Workforce and Talent Development
ODC	6600	Action Research and Evaluation Methods in Organization Development and Change

CAPSTONE COURSE (3 CREDITS)

DEPT	COURSE #	TITLE
ODC	7000	Professional Project

Master of Public Administration

MASTER OF PUBLIC ADMINISTRATION

The Master of Public Administration (MPA) degree is the professional degree for students seeking a career in public service or nonprofit management. This MPA Program develops the skills and techniques used by managers to implement policies, projects, and programs that resolve important problems within their organization and in society. Students may focus their studies by choosing a specific concentration with in the Program.

PROGRAM LEARNING OUTCOMES

Students who complete the Master of Public Administration will:

1. *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. *Recognize and articulate an information need and access, evaluate, and use relevant source material effectively, ethically, and legally to facilitate leadership and management in public governance.*
3. *Synthesize relevant information and concepts and effectively, clearly, and persuasively articulate their perspectives to a diverse and changing workforce and citizenry.*
4. *Demonstrate advance knowledge, skills, and public service perspectives which allow for participation in and contribution to the policy process.*

Requirements

CORE COURSES (15 credits)

DEPT	COURSE #	TITLE
PADM	6000	Public Administration and Public Service
PADM	6100	Public Personnel Management
PADM	6300	Statistical Analysis for Effective Decision Making
PADM	6400	U.S. Public Policy
PADM	6500	Economics for Decision-Makers

CAPSTONE COURSES (6 credits)

DEPT	COURSE #	TITLE
PADM	7001	Professional Paper I
PADM	7002	Professional Paper II

CONCENTRATIONS (15 Credits)

Five additional 3-credit courses must be completed to reach the 12 courses required for the MPA degree. To earn an MPA concentration, the student must complete five courses from one of the following concentration lists:

General

DEPT	COURSE #	TITLE
CJ	6700	Leadership and Ethics
CJ	6710	Civil Liability and Civil Rights Challenges
CJ	6720	Criminal Justice Organizations
CJ	6730	Contemporary Issues in Criminal Justice
CJ	6750	Administrative and Constitution Procedures for Professionals
CJ	6990	Internship
HMLD	6000	Homeland Security
PADM	6200	Nonprofit Organizations
PADM	6210	Grant Writing and Fundraising
PADM	6220	Staff and Volunteer Management in Nonprofit Organizations
PADM	6270	Strategic Planning for Nonprofit Organizations
PADM	6510	Public Finance
PADM	6610	City Management and Urban Policy
PADM	6640	Diversity in the Workplace
PADM	6998	Special Topics in Public Administration

Criminal Justice

DEPT	COURSE #	TITLE
CJ	6700	Leadership and Ethics
CJ	6710	Civil Liability and Civil Rights Challenges
CJ	6720	Criminal Justice Organizations
CJ	6730	Contemporary Issues in Criminal Justice
CJ	6740	Media and the Criminal Justice Professions
CJ	6750	Administrative and Constitution Procedures for Professionals
CJ	6760	Hostage/Crisis Negotiations
HMLD	6000	Homeland Security

Nonprofit Management

DEPT	COURSE #	TITLE
CJ	6700	Leadership and Ethics
PADM	6200	Nonprofit Organizations
PADM	6210	Grant Writing and Fundraising
PADM	6220	Staff and Volunteer Management in Nonprofit Organizations
PADM	6270	Strategic Planning for Nonprofit Organizations

Master of Public Health

MASTER OF PUBLIC HEALTH

The online and hybrid Master of Public Health (MPH) program provides graduates with knowledge, skills, and abilities necessary to become successful general practitioners in a wide range of public health professions, including in research, education, program administration, policy, and other leadership roles that serve to promote the health and wellness of the public. The MPH degree is recognized and respected nationally and internationally, allowing graduates to find career opportunities anywhere in the world and in various settings such as schools, healthcare facilities, government agencies, non-governmental organizations, community centers, and corporate/private institutions. The MPH curriculum includes courses in epidemiology and biostatistics, program planning and evaluation, chronic and communicable diseases, research methods, behavioral and social determinants of health, multicultural health, policy and advocacy, as well as environmental and occupational health. Students will culminate with over 270 hours of applied field training and practice, supervised and mentored by faculty and experts from public health organizations within the students' local community or other locations that match their interests and career goals.

Full-time students of this accelerated program may complete the MPH degree within 12 months (taking 2-3 courses every 8 weeks for 12 months, not including winter and spring breaks). The MPH program's online courses are asynchronous and coursework are divided into weekly modules. In order words, students will study at their own convenience and schedule, but assignments may be due on a weekly basis.

PROGRAM LEARNING 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 their 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 evaluation 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.*

Requirements

PROGRAM OF STUDY (MINIMUM 42 CREDITS)

CONDITIONAL PREREQUISITE COURSES

DEPT	COURSE #	TITLE
MATH	1123	Statistics (or equivalent; required for students without statistics education/experience, 3 credits)
PH	6100	Foundations of Public Health (required for students without health education/experience, 0 credit)

PROGRAM REQUIREMENTS

DEPT	COURSE #	TITLE
PH	6140	Advanced Epidemiology (3 credits)
PH	6160	Social Determinants of Health (3 credits)
PH	6200	Human Diseases and Conditions (3 credits)
PH	6220	Health Behavior Change Theory and Program Planning (3 credits)
PH	6260	Environmental Health (3 credits)
PH	6300	Public Health Research Methods (3 credits)
PH	6400	Health Policy, Law, and Advocacy (3 credits)
PH	6460	Public Health Program Planning (3 credits)
PH	6500	Public Health Field Training (6 credits)
PH	7000	Public Health Capstone (6 credits)

Plus Elective Courses (6 credits)

DEPT	COURSE #	TITLE
PADM	6000	Public Administration and Public Service
PADM	6100	Public Personnel Management
PADM	6200	Nonprofit Organization
PADM	6210	Grant Writing and Fundraising
PADM	6220	Staff and Volunteer Management
PADM	6270	Strategic Thinking for Nonprofit Organizations
PADM	6300	Statistical Analysis for Effective Decision Making
PADM	6400	U.S. Public Policy
PADM	6500	Economics for Decision-Makers
PADM	6510	Public Finance
PADM	6610	City Management and Urban Policy
PADM	6640	Diversity in the Workplace
CJ	6700	Leadership and Ethics
CJ	6710	Civil Liability and Civil Rights Challenges
CJ	6720	Criminal Justice Organizations

CJ	6730	Contemporary Issues in Criminal Justice
HMLD	6000	Homeland Security
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
PSCI	6610	Seminar: Politics of Developing Nations
PSCI	6620	Peace Building & 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
INTR	6630	International and Domestic Emergency Management
SUST	6000	Sustainable Human Systems
SUST	6001	Seminar in Environmental Governance
SUST	6330	Industrial Ecology and Sustainability
SUST	6340	An Environmental History of the Modern World
SUST	6360	Sustainability Strategies and Indicators
SUST	6500	Ecological Economics and Sustainable Development
SUST	6920	Special Topics in Sustainability
SUST	6950	Globalization, Environment, and Sustainability Development Practicum
ENVS	6010	Global Climate Change
ENVS	6030	Sustainable Energy Systems
ENVS	6040	Sustainable Building Science
HR	6400	Human Resource Management
HR	6420	Compensation Management
HR	6450	Safety and Health Management

HR	6460	Human Resource Development
ODC	6400	Leadership, Culture, and Group Dynamics
ODC	6430	Organizational Learning and Systems Thinking
ODC	6440	Organization Development and Change
ODC	6443	Change Leadership
ODC	6444	Innovations and Creativity
ODC	6447	Consulting and Group Process Facilitation
ODC	6448	Assessing Culture
ODC	6435	Workforce and Talent Development

Master of Education in Secondary Education (Online)

MASTER OF EDUCATION IN SECONDARY EDUCATION

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-webpage 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.

PROGRAM LEARNING OUTCOMES

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 design and implement 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 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 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 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 action on others (learners, families, other professionals, and the community) and adapts practice to meet the needs of each learner.*
10. *Seek 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.*

Requirements

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.

All coursework will be completed online, however the Clinical Practice component (student teaching) must be conducted in a school in the State of Hawaii.

CORE COURSES IN EDUCATION (30 credits)

DEPT	COURSE #	TITLE
ED	6000	The Professional Educator
ED	6100	Educational Psychology
ED	6200	Introduction to Educational Research
ED	6300	Introduction to Teaching
ED	6310	Culturally Responsive Education in Hawai'i
ED	6420	English Curriculum and Instruction
ED	6430	The English Language Learner
ED	6480	Integrated Curriculum: Literacy and Content
ED	6660	Diversity and Social Change
ED	6700	The Exceptional Learner

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 (6 credits)

Next, teacher candidates must take the following capstone courses before being recommended for licensure:

DEPT	COURSE #	TITLE
ED	6521	Secondary Education Clinical Practice I
ED	6522	Secondary Education Clinical Practice II

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.

All coursework will be completed online, however the Clinical Practice component (student teaching) must be conducted in a school in the State of Hawaii.

CORE COURSES IN EDUCATION (30 credits)

DEPT	COURSE #	TITLE
ED	6000	The Professional Educator
ED	6100	Educational Psychology
ED	6200	Introduction to Educational Research
ED	6300	Introduction to Teaching
ED	6310	Culturally-Responsive Education in Hawai'i
ED	6430	The English Language Learner
ED	6440	Mathematics Curriculum and Instruction
ED	6480	Integrated Curriculum: Literacy and Content
ED	6660	Diversity and Social Change
ED	6700	The Exceptional Learner

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 (6 credits)

Next, teacher candidates must take the following capstone courses before being recommended for licensure:

DEPT	COURSE #	TITLE
ED	6521	Secondary Education Clinical Practice I
ED	6522	Secondary Education Clinical Practice II

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.

All coursework will be completed online, however the Clinical Practice component (student teaching) must be conducted in a school in the State of Hawaii.

CORE COURSES IN EDUCATION (30 credits)

DEPT	COURSE #	TITLE
ED	6000	The Professional Educator
ED	6100	Educational Psychology
ED	6200	Introduction to Educational Research
ED	6300	Introduction to Teaching
ED	6310	Culturally Responsive Education in Hawai'i
ED	6430	The English Language Learner
ED	6450	Science Curriculum and Instruction
ED	6480	Integrated Curriculum: Literacy and Content
ED	6660	Diversity and Social Change
ED	6700	The Exceptional Learner

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 (6 credits)

Next, teacher candidates must take the following capstone courses before being recommended for licensure:

DEPT	COURSE #	TITLE
ED	6521	Secondary Education Clinical Practice I
ED	6522	Secondary Education Clinical Practice II

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.

All coursework will be completed online, however the Clinical Practice component (student teaching) must be conducted in a school in the State of Hawaii.

CORE COURSES IN EDUCATION (30 credits)

DEPT	COURSE #	TITLE
ED	6000	The Professional Educator
ED	6100	Educational Psychology
ED	6200	Introduction to Educational Research
ED	6300	Introduction to Teaching
ED	6310	Culturally Responsive Education in Hawai‘i
ED	6430	The English Language Learner
ED	6460	Social Studies Curriculum and Instruction
ED	6480	Integrated Curriculum: Literacy and Content
ED	6660	Diversity and Social Change
ED	6700	The Exceptional Learner

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 (6 credits)

Next, teacher candidates must take the following capstone courses before being recommended for licensure:

DEPT	COURSE #	TITLE
ED	6521	Secondary Education Clinical Practice I
ED	6522	Secondary Education Clinical Practice II

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.

All coursework will be completed online, however the Clinical Practice component (student teaching) must be conducted in a school in the State of Hawaii.

CORE COURSES IN EDUCATION (30 credits)

DEPT	COURSE #	TITLE
ED	6000	The Professional Educator
ED	6100	Educational Psychology
ED	6200	Introduction to Educational Research
ED	6300	Introduction to Teaching
ED	6310	Culturally Responsive Education in Hawai‘i
ED	6430	The English Language Learner
ED	6470	World Languages Curriculum and Instruction
ED	6480	Integrated Curriculum: Literacy and Content
ED	6660	Diversity and Social Change
ED	6700	The Exceptional Learner

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 or equivalent proficiency exam

CAPSTONE COURSES IN EDUCATION (6 credits)

Next, teacher candidates must take the following capstone courses before being recommended for licensure:

DEPT	COURSE #	TITLE
ED	6521	Secondary Education Clinical Practice I
ED	6522	Secondary Education Clinical Practice II

Master of Arts in Teaching English to Speakers of Other Languages

MASTER OF ARTS IN TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES

PROGRAM LEARNING OUTCOMES

Students who complete the Master of Arts in Teaching English to Speakers of Other Languages will be prepared to demonstrate A.S.K.:

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: MA holders will be able to articulate their own philosophy of language teaching, explaining the principles on which it is based.*

Requirements

PREREQUISITES

DEPT	COURSE #	TITLE
AL	2000	Introduction to Linguistics

SECOND LANGUAGE REQUIREMENT

For international students speaking a language or languages other than English as their native language:

- Meeting the English language proficiency requirement for admission to graduate studies at HPU

For native speakers of English:

- Completing 2 consecutive semester-courses or equivalent (at the tertiary level) of a language other than English or
- Completing 2 separate semester-courses or equivalent (at the tertiary level) of 2 different languages other than English or
- Demonstrating through a placement language test (or individual examination) to have attained high-beginning level equivalent to completing 2 semesters of language other than English or
- Demonstrating through a placement language test (or individual examination) to have attained beginning level equivalent to completing 1 semester each of 2 different languages other than English or
- Having taught a language other than English for at least two semesters

CORE COURSES (21 CREDITS)

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
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:

DEPT	COURSE #	TITLE
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 and Youth

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)

DEPT	COURSE #	TITLE
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.

Graduate Certificate in Business Analytics

Graduate Certificate in Business Analytics

Program Description

The Graduate Certificate in Business Analytics provides students with the knowledge and skills needed for contemporary Business Analytics. Business Analytics is the combination of skills, technologies, applications, and methodologies used by organizations to gain data-driven insights. These insights can be used to aid decision-making across functions including finance, marketing, operations, and strategy.

As a student in the program, you will learn how to prepare and analyze data to detect trends, predict the most-likely scenarios, and make better business decisions. The curriculum combines concepts and theories, modern technologies, practical applications, and contemporary methodologies to provide valuable insights and drive better data-driven decisions.

The certificate is geared towards entry- to middle-level business and technology professionals. Additionally, the certificate courses act as a gateway and can be shared towards the Master of Science in Business Analytics & Information Security conditional upon application and admission to the MS program.

Program Learning Outcomes

Students completing the Graduate Certificate in Business Analytics will demonstrate proficiency in:

1. *Preparing datasets for analytics utilizing data management and processing techniques.*
2. *Utilizing data visualization concepts and techniques to generate business insights.*
3. *Utilizing predictive modeling concepts and techniques to generate business insights.*

Requirements

PROGRAM OF STUDIES

To complete the Graduate Certificate in Business Analytics students are required to complete 9 credit hours of course work by taking the following three core 3-credit hour courses:

DEPT	COURSE #	TITLE
IS	6041	Business Analytics for Big Data Revolution
IS	6066	Enterprise Data Management
IS	6281	Data Mining for Big Data Analytics

Graduate Certificate in Nonprofit Management

Graduate Certificate in Nonprofit Management

The Graduate Certificate in Nonprofit Management is offered to working professionals or other individuals who are interested in gaining additional knowledge, skills, and attitudes necessary to become successful in 501(c)3 organizations. This certificate has a stand-alone program of study which can be taken without prerequisites except admission to graduate studies. Topics include: nonprofit management as a profession, grant writing, fundraising, and volunteer management. In addition, there is an emphasis on leadership which includes strategic planning for nonprofit organizations.

Certificate Objectives

Students who complete the Graduate Certificate in Nonprofit Management will be able to:

1. *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. *Recognize and articulate an information need and access, evaluate, and use relevant source material effectively, ethically, and legally to facilitate leadership and management in public governance.*
3. *Synthesize relevant information and concepts and effectively, clearly, and persuasively articulate their perspectives to a diverse and changing workforce and citizenry.*
4. *Demonstrate advanced knowledge, skills, and public service perspectives which allow for participation in and contribution to the nonprofit sector.*

Requirements

Required Courses

DEPT	COURSE #	TITLE
CJ	6700	Leadership and Ethics
PADM	6200	Nonprofit Organizations
PADM	6210	Grant Writing and Fundraising
PADM	6220	Staff and Volunteer Management
PADM	6270	Strategic Planning for Nonprofit Organizations

Graduate Certificate in Organization Development and Change

Graduate Certificate in Organization Development and Change

The certificate program focuses on change and development at the organizational, team and individual 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. The courses provide a multi-disciplinary perspective and uses concepts and methods from such fields as management, sociology, anthropology, organization development, and social psychology. The certificate can be valuable for corporate, community, government and military leaders. Students have the opportunity to study an important field of knowledge and develop valuable skills for designing and implementing successful change.

Program Objectives

Students who complete the Graduate *Certificate in Organization Development and Change will:*

1. *Conduct a systems-based diagnosis of organizations that integrates a systems perspective in their diagnosis and assessment of organizations*
2. *Identify the impact of the environment including social, political, and economic forces on the organizational system*
3. *Assess organizational/system shared assumptions, attitudes, beliefs, values and norms (culture)*
4. *Design effective organizational interventions*

Requirements

The courses listed cannot be double counted for both the MAODC degree and the ODC Certificate unless completed prior to admission to the MAODC program.

Certificate candidates must complete the following courses:

Course Courses (6 Credits)

DEPT	COURSE #	TITLE
ODC	6440	Organizational Development and Change
ODC	6443	Change Leadership

Elective Courses (6 Credits)

Student select any course from the following elective courses:

DEPT	COURSE #	TITLE
ODC	6430	Organizational Learning and Systems Thinking
ODC	6444	Innovations and Creativity
ODC	6448	Assessing Culture
ODC	6447	Consulting and Group Process Facilitation
ODC	6435	Workforce and Talent Development
ODC	6990	Internship*
ODC	6997	Special Topics in Organization Development and Change* or
ODC	6998	Directed Readings in Organization Development and Change*

*Internships and special topics/directed readings courses must be approved by the ODC program chair

Psychiatric Mental Health Nurse Practitioner (Post Master's Certificate)

Post Master's Certificate: Psychiatric Mental Health Nurse Practitioner

HPU's online Post Masters Certificate in Psychiatric Mental Health allows nurses with a master's or doctorate degree in nursing, with a Nurse Practitioner credential in another field of Nursing from an accredited school, to sit for the American Nurses Credentialing Center (ANCC) exam required for licensure as a psychiatric mental health nurse practitioner.

By taking a series of specialized courses that explore the treatment of complex mental health needs with a view toward recovery-focused interventions, students can re-tool for the Psychiatric Mental Health Nurse Practitioner designation without completing another degree.

Students must meet the HPU graduate nursing admissions guidelines and apply in the same manner.

PROGRAM LEARNING OUTCOMES

Psychiatric Mental Health Nurse Practitioner post master's graduate certificate provides nurses with a pathway to continue formal education and access a program targeted to the needs of patients with mental health issues. Additionally, as a credentialed nursing professional, post graduate nurses with the Psychiatric Mental Health Nurse Practitioner certificate are well positioned for leadership, advocacy, or policy-related roles.

- Assess, diagnose, and treat the mental health needs of patients of all ages
- Provide therapy and prescribe medications for patients with mental health disorders and substance abuse problems
- Perform physical and psychosocial assessments, emergency psychiatric care, and treatment effectiveness evaluations

Requirements

PREREQUISITE

The MSN Core Courses, including nurse practitioner preparation, graduate-level advanced pathophysiology, pharmacology, and physical assessment are required to have been completed within 5 years if the applicant is not currently practicing as an APRN. A gap analysis will be completed upon acceptance to the program and the applicant may be required to retake core course work. All graduate level NUR course completed will count toward student's final GPA.

PSYCHIATRIC MENTAL HEALTH NURSE PRACTITIONER CERTIFICATE (30 CREDITS)

DEPT	COURSE #	TITLE
NUR	6026	Psychopharmacology Across the Lifespan (3 credits)
NUR	6970	Advanced Psychiatric/Mental Health Nursing I Theory (3 credits)
NUR	6971	Advanced Psychiatric/Mental Health Nursing I Practicum (5 credits)
NUR	6972	Advanced Psychiatric/Mental Health Nursing II Theory (3 credits)
NUR	6973	Advanced Psychiatric/Mental Health Nursing II Practicum (5 credits)
NUR	6974	Advanced Psychiatric/Mental Health Nursing III Theory (3 credits)
NUR	6975	Advanced Psychiatric/Mental Health Nursing III Practicum (5 credits)
NUR	7000	Project Proposal Paper (3 credits)

No Capstone project is required for post-master's students.

Graduate Certificate Teaching English to Speakers of Other Languages (TESOL)

Graduate Certificate in Teaching English to Speakers of Other Languages (TESOL)

The Graduate Certificate in Teaching English to Speakers of Other Languages (TESOL) 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.

Students who complete the Graduate *Certificate in Teaching English to Speakers of Other Languages will be prepared to demonstrate "A.S.K.":*

1. ***Attitudes*** *of a professional. Towards colleagues and students, Graduate TESOL Certificate holders will demonstrate teamwork and sensitivity. Towards the discipline, Graduate TESOL Certificate holders will demonstrate a spirit of inquiry and reflection. Towards the global community, Graduate TESOL Certificate holders will demonstrate cultural sensitivity and global citizenship.*
2. ***Skills*** *at a proficient level in spoken and written communication, in information literacy, in academic or pedagogic research, and in teaching including materials development, lesson planning, or assessment.*
3. ***Knowledge*** *at a proficient level of the major subfields of linguistics, the theories of second language acquisition, and the principles of language teaching methods.*

Graduate Certificate Teaching English to Speakers of Other Languages (TESOL)

Requirements

Prerequisite Course

DEPT	COURSE #	TITLE
AL	2000	Introduction to Linguistics

Practicum Course (required)

Certificate Candidates must take the following:

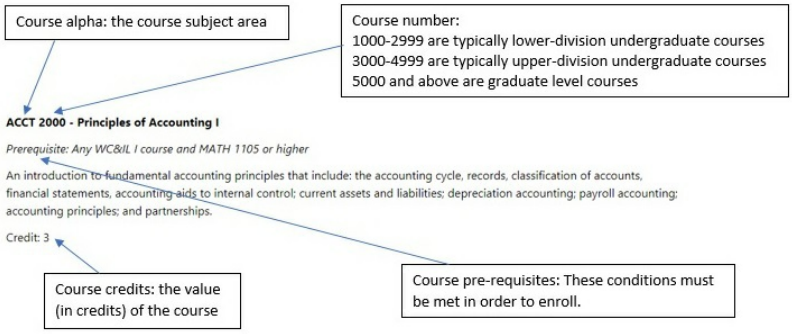
DEPT	COURSE #	TITLE
AL	6961	Practicum I in TESOL

Elective Courses

Students complete the certificate by selecting five additional graduate courses in Applied Linguistics (AL) or closely related fields (as approved by the program director).

Transfer Credit: Students may transfer in as many as 6 credits in lieu of required credits in the HPU Graduate *TESOL Certificate. The courses must substitute appropriately for courses in the certificate.*

READING A COURSE LISTING



ACCT - Accounting

ACCT 2000 - Principles of Accounting I

Prerequisite: Any WC&IL I course and MATH 1105 or higher

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.

Credit: 3

ACCT 2010 - Principles of Accounting II

Prerequisite: ACCT 2000

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.

Credit: 3

ACCT 3000 - Intermediate Accounting I

Prerequisite: ACCT 2010 and MATH 1130 or higher

An emphasis on accounting theory and practical application. Topics covered include: accounting process; financial statements; cash receivables; inventories; and plant, property, and equipment.

Credit: 3

ACCT 3010 - Intermediate Accounting II

Prerequisite: ACCT 3000

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.

Credit: 3

ACCT 3020 - Intermediate Accounting III

Prerequisite: ACCT 3010

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.

Credit: 3

ACCT 3200 - Managerial Accounting

Prerequisite: ACCT 2010 and MATH 1130 or higher; any WC&IL II course

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, and capital budgeting.

Credit: 3

ACCT 3300 - Federal Income Tax--Individual

Prerequisite: ACCT 2010

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.

Credit: 3

ACCT 3350 - Federal Income Tax--Organization

Prerequisite: ACCT 3300.

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.

Credit: 3

ACCT 3380 -Tax Planning and Research

Prerequisite: ACCT 3300.

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.

Credit: 3

ACCT 3390 - Estate Planning

Prerequisite: FIN 3000.

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.

Credit: 3

ACCT 3400 - Governmental Accounting

Prerequisite: ACCT 3010.

A course on accounting concepts and principles germane to government. Topics include budgetary controls and fund accounting systems.

Credit: 3

ACCT 3700 - Accounting and Information Systems

Prerequisite: ACCT 2010 and CSCI 3201.

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.

Credit: 3

ACCT 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level .

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 credits.

Credit: 1-3

ACCT 4000 - Advanced Accounting

Prerequisite: ACCT 3020 and FIN 3000.

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.

Credit: 3

ACCT 4100 - Auditing

Prerequisite: ACCT 3020 and 3200.

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.

Credit: 3

ACCT 4150 - EDP Auditing

Prerequisite: ACCT 3700 and 4100.

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.

Credit: 3

ACCT 4997 - Directed Readings in Accounting

Directed individualized reading. May be repeated if content or topic is different.

Credit: 1-3

ACCT 6000 - Accounting for Managers

Prerequisite: ACCT 2000 and FIN 3000 or equivalents. Graduate standing.

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.

Credit: 3

ACCT 6001 - Financial Information for Managers in the 4th Industrial Revolution

Prerequisite: ACCT 2000, FIN 3000 or equivalents, and MGMT 6002. Graduate standing.

This course provides an introduction to both financial and managerial accounting, and emphasizes the analysis and evaluation of accounting information from the perspective of both investors as well as managers in the processes of planning, decision-making, and control. This course also introduces elements of managerial accounting and emphasizes the development and use of accounting information for internal decisions.

Credit: 3-4

ACCT 6990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 9 credit hours.

Credit: 1-3

ACCT 6997 - Directed Readings in Accounting

Prerequisite: Graduate standing.

Directed individualized readings. May be repeated if content or topic is different.

Credit: 1-3

AL - Applied Linguistics

AL 1050 - 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.

Credit: 3

AL 1100 - 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.

Credit: 3

AL 2000 - Introduction to Linguistics

Prerequisite: Any WC&IL I course

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.

Credit: 3

AL 3110 - The English Sound System

Prerequisite: C- or better in AL 2000 or concurrent enrollment

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.

Credit: 3

AL 3120 - English Sentence Structure

Prerequisite: C- or better in AL 2000 or concurrent enrollment

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.

Credit: 3

AL 3130 - Semantics

Prerequisite: C- or better in AL 2000 or concurrent enrollment

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.

Credit: 3

AL 3140 - Introduction to Discourse Analysis

Prerequisite: C- or better in AL 2000 or concurrent enrollment

An introductory course on the analysis of naturally occurring spoken or written discourse. Students will identify patterns of language in use at the discourse level and practice analytical skills on authentic language samples, with the goal of applying discourse analytical findings to language teaching.

Credit: 3

AL 3150 - Introduction to Using Corpora

Prerequisite: C- or better in AL 2000 or concurrent.

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.

Credit: 3

AL 3160 - Teaching Vocabulary

Prerequisite: C- or better in AL 2000 (concurrent enrollment allowed)

A course on the teaching of second language vocabulary based on knowledge of its form, meaning, and use. Students develop word analysis skills and explore the nature of meaning, the semantic relationship between words, and the interpretation of meaning in context. Students use this foundation to cultivate strategies and techniques to teach vocabulary to language learners.

Credit: 3

AL 3310 - History of the English Language

Prerequisite: C- or better in AL 2000 or concurrent.

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.

Credit: 3

AL 3320 - Sociolinguistics

Prerequisite: C- or better in AL 2000 or concurrent enrollment.

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.

Credit: 3

AL 3340 - Translation in Second Language Acquisition

Prerequisite: C- or better in AL 2000 or concurrent enrollment.

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.

Credit: 3

AL 3500 - Second Language Learning and Teaching

Prerequisite: C- or better in AL 2000 or concurrent enrollment.

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.

Credit: 3

AL 3740 - Technology in Language Teaching

Prerequisite: C- or better in AL 2000 or concurrent enrollment.

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.

Credit: 3

AL 3750 - Creating Language Teaching Materials

Prerequisite: C- or better in AL 2000 or concurrent enrollment.

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.

Credit: 3

AL 3760 - Teaching English to Children and Youth

Prerequisite: C- or better in AL 2000 or concurrent enrollment.

A course exploring an activity-based approach and featuring a wide array of instructional techniques that promote successful teaching of English to children and youth 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 and young adult language learners, and local and global factors influencing policy and practice in teaching English to children and youth

Credit: 3

AL 3950 - Language Classroom Experience

Prerequisite: C- or better in AL 2000 or concurrent enrollment.

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.

Repeatable for up to 3 credits.

Credit: 1

AL 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 credits.

Credit: 1-3

AL 4710 - Teaching Listening and Speaking Skills

Prerequisites: AL 3110, 3120, or advisor consent.

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.

Credit: 3

AL 4720 - Teaching Reading and Writing Skills

Prerequisites: AL 3110, 3120, or advisor consent.

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.

Credit: 3

AL 4960 - Practice Teaching

Prerequisite: 1- 3 credits of AL 3950.

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. TESOL majors should take AL 4710 or 4720 before, or concurrently with AL 4960.

Credit: 3

AL 4970 - Practice Teaching in a Language Other Than English

Prerequisite: AL 4960 or concurrent enrollment.

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.

Credit: 3

AL 6000 - Teaching Second Languages: Theory and Practice

Prerequisite: C- or better in AL 2000 or concurrent enrollment. Graduate standing.

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.

Credit: 3

AL 6110 - English Phonology and the Teaching of Pronunciation

Prerequisite: C- or better in AL 2000 or concurrent enrollment. Graduate standing.

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.

Credit: 3

AL 6120 - English Syntax and the Teaching of Grammar

Prerequisite: C- or better in AL 2000 or concurrent enrollment. Graduate standing.

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.

Credit: 3

AL 6130 - Semantics

Prerequisite: C- or better in AL 2000 or concurrent enrollment. Graduate standing.

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.

Credit: 3

AL 6140 - Discourse Analysis for Language Teachers

Prerequisite: C- or better in AL 2000 or concurrent enrollment. Graduate standing.

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.

Credit: 3

AL 6150 - Using Corpora in the Language Classroom

Prerequisite: C- or above in AL 2000 or concurrent enrollment.

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.

Credit: 3

AL 6310 - History of the English Language

Prerequisite: C- or better in AL 2000 or concurrent enrollment. Graduate standing.

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.

Credit: 3

AL 6320 - Language and Society

Prerequisite: C- or better in AL 2000 or concurrent enrollment. Graduate standing.

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.

Credit: 3

AL 6340 - Translation in Second Language Acquisition

Prerequisite: C- or better in AL 2000 or concurrent enrollment. Graduate standing.

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.

Credit: 3

AL 6600 - Seminar in Second/Foreign Language Teaching

Prerequisite: C- or better in AL 2000 or concurrent enrollment. Graduate standing.

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.

Credit: 1-3

AL 6710 - Second Language Listening and Speaking

Prerequisite: C- or better in AL 2000 or concurrent enrollment. Graduate standing.

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.

Credit: 3

AL 6720 - Second Language Reading and Writing

Prerequisite: C- or better in AL 2000 or concurrent enrollment. Graduate standing.

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.

Credit: 3

AL 6730 - Assessment in TESOL

Prerequisite: C- or better in AL 2000 or concurrent enrollment. Graduate standing.

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.

Credit: 3

AL 6740 - Research and Issues in Computer-Assisted Language Learning

Prerequisite: AL 2000 or concurrent enrollment. Graduate standing.

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.

Credit: 3

AL 6750 - TESOL Materials Development

Prerequisite: C- or better in AL 2000 or concurrent enrollment. Graduate standing.

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.

Credit: 3

AL 6760 - Teaching English to Children and Youth

Prerequisite: C- or better in AL 2000 or concurrent enrollment. Graduate standing.

A course exploring the approaches and implementation of activities for teaching English to young and young adult learners who are speakers of other languages. Characteristics of children and youth of different ages are discussed along with what they can be expected to do linguistically. Other topics include, but are not limited to, classroom management, lesson planning, and multisensory activity development.

Credit: 3

AL 6961 - Practicum I in TESOL

Prerequisite: C- or better in AL 2000 or concurrent enrollment. Graduate standing.

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.

Credit: 3

AL 6990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 9 credit hours.

Credit: 1-3

AL 7099 - Practicum II and Capstone

Prerequisite: C- or better in AL 2000 or concurrent enrollment. Graduate standing.

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.

Credit: 3

AMST - American Studies

AMST 1776 - 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.

Credit: 3

AMST 2000 - Topics in American Studies

Prerequisite: Any WC&IL I course.

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.

Credit: 3

ANTH - Anthropology

ANTH 1500 - 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.

Credit: 3

ANTH 2000 - 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.

Credit: 3

ANTH 3000 - Is Global Citizenship Possible?

Prerequisite: Any WC&IL II course.

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?

Credit: 4

ANTH 3100 - The Anthropology of Polynesian Surfing

Prerequisite: Any WC&IL II course.

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 as regards greater social, cultural and sustainability-related events and issues in Hawaii and abroad. An overview of various natural and social sciences is given as each relates to surfing and marine eco-system problematiques.

Credit: 3

ANTH 3115 - Culture, Religion, and the Environment

Prerequisite: A grade of C- or higher in any WC&IL II course; any introductory social science course.

Western and non-Western cultural and religious perspectives on the relationships between people and the environment.

Credit: 3

ANTH 3150 - Island Surfing Sites: A Cultural Field Study

Prerequisite: Any WC&IL II course.

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 cultures in Hawai‘i. Field activities may include surfing demonstrations and instruction, opportunities to speak with local actors, and field trips to various cultural sites, museums, beach clean-ups and sustainability related events to study change in Hawai‘i’s surfing heritage over time. 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.

Credit: 3

ANTH 3180 - Culture, Economic Systems, and Management

Prerequisite: Any introductory social science course; any WC&IL II course.

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.

Credit: 3

ANTH 3200 - The Functions and Dysfunctions of American Medicine

Prerequisite: Any WC&IL II course.

The study of the positive and problematic dynamics of American medicine within a cross-cultural perspective. Focuses on the political, social, and cultural dynamics that affect health care in the United States and how various groups are seeking to address them.

Credit: 3

ANTH 3350 - Diversity in the Workplace

Prerequisite: A grade of C- or higher in any WC&IL II course; any introductory social science course.

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.

Credit: 3

ANTH 3400 - The Anthropology of Food

Prerequisite: A grade of C- or higher in any WC&IL II course; any introductory social science course.

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?

Credit: 3

ANTH 3500 - Appreciating Pacific Worlds

Prerequisite: A grade of C- or higher in any WC&IL II course; any introductory social science course.

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.

Credit: 3

ANTH 3580 - Impact of Tourism on Local Culture

Prerequisite: A grade of C- or higher in any WC&IL II course; any introductory social science course.

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.

Credit: 3

ANTH 3600 - Poverty and Culture

Prerequisite: Any introductory social science or humanities course.

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.

Credit: 3

ANTH 3650 - Taboos

Prerequisite: ANTH or SOC 2000.

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.

Credit: 3

ANTH 3900 - Anthropological Thoughts and Theories

Prerequisite: Any WC&IL II course; ANTH 2000.

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.

Credit: 3

ANTH 6601 - Seminar: Violence, Conflict, and War

Prerequisite: Graduate standing.

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.

Credit: 3

AQUA - Aquaculture

AQUA 1200 - 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.

Credit: 3

ART - Art

ART 1050 - 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.

Credit: 2

ART 1070 - 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.

Credit: 2

ART 1072 - 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.

Credit: 2

ART 1110 - 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.

Credit: 2

ART 1111 - 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.

Credit: 2

ART 1114 - 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.

Repeatable for up to 6 credits.

Credit: 2

ART 1133 - 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.

Credit: 2

ART 1134 - 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.

Credit: 2

ART 1135 - 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.

Credit: 2

ART 1190 - 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.

Credit: 2

ART 1200 - 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.

Credit: 2

ART 1201 - 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.

Credit: 2

ART 1208 - 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.

Credit: 2

ART 1210 - 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.

Credit: 2

ART 1211 - 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.

Credit: 2

ART 1451 - 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.

Credit: 2

ARTH - Art History

ARTH 1001 - 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.

Credit: 3

ARTH 2301 - Topics in World Art History

Prerequisite: Any WC&IL I; may be taken concurrently.

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.

Credit: 3

ARTH 3206 - Renaissance to Modern Art

Prerequisite: Any WC&IL II course.

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.

Credit: 3

ARTH 3301 - Art of China

Prerequisite: Any WC&IL II course.

The art of China from the Neolithic to the Qing Dynasty. Major trends and folk arts are discussed.

Credit: 3

ARTH 3321 - Art of Japan

Prerequisite: Any WC&IL II course.

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.

Credit: 3

ARTH 3351 - Art of India and South East Asia

Prerequisite: Any WC&IL II course.

The history of the spread of Indian art and its transformation in the cultures of Southeast Asia.

Credit: 3

ARTH 3551 - Art of the Pacific

Prerequisite: Any WC&IL II course.

The art and architecture of Indonesia, Melanesia, Micronesia, and Polynesia in its pre-European context.

Credit: 3

ARTH 3552 - Art of Polynesia

Prerequisite: Any WC&IL II course.

The art and architectural tradition of cultures within the Polynesian triangle.

Credit: 3

ARTH 3556 - Art of Hawai‘i

Prerequisite: Any WC&IL II course.

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.

Credit: 3

ARTH 3611 - Art and the Human Body

Prerequisite: Any WC&IL II course.

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.

Credit: 3

ARTH 3711 - Superheroes in Manga and Anime

Prerequisite: Any WC&IL II course or HON 1000; any introductory humanities course.

This course promotes competence through visual literacy by examining selected images of superheroes from Japanese manga (comics in printed media) and anime (animated comics). Students will explore the socio-political, economic, religio-cultural, historical, and gender issues of these images, following their production and reception from their beginnings until present day. The course combines lectures and seminars with reading assignments, as well as active participation of viewing the examples of manga and anime in the classroom.

Credit: 3

ARTH 3811 - Experiencing Japanese Culture

Prerequisite: Any WC&IL II course or HON 1000.

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 significance and spiritual background of historical heritages through the first-handed engagement with actual locations.

Credit: 3

ARTH 6011 - World Art History

Prerequisite: Graduate standing.

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.

Credit: 3

ARTH 6601 - Seminar: Artists and Images of War

Prerequisite: Graduate standing.

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.

Credit: 3

ARTS - Arts

ARTS 1000 - Introduction to Visual Arts

An introductory visual arts course covering elements of art, principles of 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.

Credit: 3

ARTS 1003 - 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.

Credit: 3

ARTS 2010 - 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.

Credit: 3

ARTS 2020 - Intermediate Drawing

Prerequisite: ARTS 2010.

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.

Credit: 3

ARTS 2150 - 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.

Credit: 3

ARTS 3000 - Arts Entrepreneurship

Prerequisite: Any WC&IL II course

Students will explore a variety of interdisciplinary case studies in music business, visual arts marketing, theater, film and media, talent public relations, event production, nonprofit and performing arts through the creative lens of entrepreneurship and emotional intelligence. Utilizing a framework of the Business Model Canvas, stemming from a Nonprofit Organization and Public Good Entity viewpoint, the final takeaway is project-based. Project options include but are not limited to a creation/design of a new arts organization, self-career projection portfolio, pitch deck of an entrepreneurial initiative, or other project topic as discussed and approved by the professor. Class participation and discussion are essential for seminar completion.

Credit: 3

ARTS 3010 - Introduction to Sculpture

Prerequisite: Any ARTS or ARTH course.

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.

Credit: 3

ARTS 3020 - Introduction to Painting

Prerequisite: ARTS 2010

This course introduces basic painting techniques and pro- vides an introduction to the theory and practice of painting. Students will explore a variety of media, techniques, and concepts that pertain to painting.

Credit: 3

ARTS 3051 - Photography

Prerequisite: Any WC&IL II course.

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 photo- graphic applications. Students must have an adjustable digital camera. Printing and photo editing will be introduced utilizing the latest versions of Photoshop.

Credit: 3

ARTS 4901 - Advanced Studio Projects

Prerequisite: ARTS 2010, 2020, 3010, 3020, or 3051.

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.

Credit: 3

AS - Aerospace Science

AS 1010 - 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.

Credit: 1

AS 1011 - 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.

Credit: 1

AS 1020 - Foundations of the United States Air Force

Continuation of AS 1010

Credit: 1

AS 1021 - 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.

Credit: 1

AS 2010 - 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.

Credit: 2

AS 2011 - 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.

Credit: 1

AS 2020 - Evolution of USAF Air and Space Power

Continuation of AS 2010

Credit: 2

AS 2021 - Field Training Preparation II

Continuation of AS 2011.

Credit: 1

AS 2510 - 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.

Credit: 1

AS 3010 - Air Force Leadership Studies

Focuses on an examination of ethical Air Force leadership and management concepts. Continued emphasis is given to the refinement of ethical thought through writing and debate.

Credit: 3

AS 3011 - Intermediate Cadet Leader 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.

Credit: 1

AS 3020 - Air Force Leadership Studies II

Prerequisite: Must have completed AS 3010.

Continuation of 3010. Focuses on an examination of Air Force leadership and management concepts. Continued emphasis is given to the refinement of both written and oral communicative skills.

Credit: 3

AS 3021 - Intermediate Cadet Leader II

Prerequisite: must have completed AFROTC Field Training; or consent.

Continuation of AS 3011.

Credit: 1

AS 4010 - National Security Affairs I

Prerequisite: AS 3520 or consent. (Fall Only)

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.

Credit: 3

AS 4011 - 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.

Credit: 1

AS 4020 - National Security Affairs II

Prerequisite: AS 4010 or consent.

Continuation of AS 4010.

Credit: 3

AS 4021 - Senior Cadet Leader II

Prerequisite: must have completed 3510 and 3521 or consent.

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.

Credit: 1

ASIA - Asian Studies

ASIA 3950 - Asian and Pacific Studies Practicum

Prerequisite: Any WC&IL II course and Junior or Senior standing.

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.

Credit: 3

ASIA 4900 - Asian and Pacific Studies Seminar

Prerequisite: Any WC&IL II course and Junior or Senior standing.

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.

Credit: 3

BIOL - Biology

BIOL 0900

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.

Credit: 3

BIOL 1000 - 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.

Credit: 3

BIOL 1200 - Human Biology

Human Biology is a survey course for non-science majors covering topics such as the scientific method, human evolution, hierarchal 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.

Credit: 3

BIOL 1300 - 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.

Credit: 3

BIOL 1500 - 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.

Credit: 3

BIOL 2010 - The Human Life Cycle

An introduction to the biochemical and hormonal control of human growth and reproduction.

Credit: 3

BIOL 2030 - Anatomy and Physiology I

Prerequisite: Any WC&IL I course

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; and 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.

Credit: 3

BIOL 2031 - Anatomy and Physiology I Laboratory

Prerequisite: BIOL 2030 or concurrent.

Laboratory component of BIOL 2030.

Credit: 1

BIOL 2032 - Anatomy and Physiology II

Prerequisite: A grade of C or better in BIOL 2030

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.

Credit: 3

BIOL 2033 - Anatomy and Physiology II Laboratory

Prerequisite: A grade of C or better in BIOL 2031; BIOL 2032 or concurrent.

Laboratory component of BIOL 2032.

Credit: 1

BIOL 2040 - Microbes and Human Health

Prerequisite: CHEM 1000.

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.

Credit: 3

BIOL 2041 - Microbes and Human Health Laboratory

Prerequisite: BIOL 2040 or concurrent enrollment.

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 and review and analyze laboratory-acquired data, with a focus on scientific writing for laboratory reports.

Credit: 1

BIOL 2050 - General Biology I

Prerequisite: MATH 1130 or higher (or a math SAT of at least 550 or a math ACT of 24 or greater);

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 metabolic processes of organisms. Mechanisms of heredity and biological evolution are taught as unifying themes in biology.

Credit: 4

BIOL 2051 - General Biology I Laboratory L

Prerequisite: BIOL 2050 or concurrent.

Laboratory component of BIOL 2050.

Credit: 1

BIOL 2052 - General Biology II

Prerequisite: Any WC&IL I course; BIOL 2050.

A continuation of BIOL 2050. The course covers the history and diversity of life in all its major forms, the principles of anatomy and physiology of plants and animals, and the ecological contexts and constraints that sustain life.

Credit: 4

BIOL 2053 - General Biology II Laboratory

Prerequisite: BIOL 2051; BIOL 2052 or concurrent.

Laboratory component of BIOL 2052.

Credit: 1

BIOL 2060 - Field Experiences in Natural History and Conservation

Prerequisite: BIOL 2052 or equivalent.

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.

Credit: 3

BIOL 2170 - Ethnobotany: People and Plants

Prerequisite: Any WC&IL I or WC&IL II course.

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.

Credit: 3

BIOL 3010 - Hawaiian Natural History

Prerequisite: BIOL 2052; any WC&IL II course.

The unique biota in marine, freshwater, and terrestrial habitats of the Hawaiian Islands: evolutionary history, ecology, and human impacts on Hawaiian ecosystems are focuses.

Credit: 3

BIOL 3011 - Hawaiian Natural History Laboratory

Prerequisite: BIOL 2060 and concurrent enrollment in BIOL 3010

This laboratory course, companion of the Hawaiian Natural History lecture course (BIOL 3010), explores the geology, climate, and ecology of the Hawaiian Islands. Class activities involve field trips to diverse native habitats, documentation of natural history observations, and the quantification of natural history patterns via standardized data collection and analysis. Students will complete and present group projects in written and oral format, as part of a symposium. The prerequisite for this class is general knowledge of Hawaiian Natural History.

Credit: 1

BIOL 3012 - Hawaiian Natural History Field Studies

Prerequisite: BIOL 2052

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.

Credit: 3

BIOL 3020 - Plant Biology

Prerequisite: BIOL 2052

The evolution, comparative anatomy, physiology, and life cycles of members of the plant kingdom from algae to flowering plants.

Credit: 3

BIOL 3021 - Plant Biology Laboratory

Prerequisite: BIOL 2053; 3020 or concurrent enrollment.

Laboratory component of BIOL 3020.

Credit: 1

BIOL 3025 - Algal Biology & Diversity Laboratory

Prerequisite: BIOL 3024.

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.

Credit: 1

BIOL 3030 - Comparative Animal Physiology

Prerequisite: BIOL 2052 and CHEM 2052.

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.

Credit: 3

BIOL 3031 - Comparative Animal Physiology Laboratory

Prerequisite: BIOL 2053, 3030 or concurrent enrollment; and CHEM 2053.

Laboratory component of BIOL 3030.

Credit: 1

BIOL 3034 - Human Physiology

Prerequisite: BIOL 2052

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.

Credit: 3

BIOL 3035 - Human Physiology Laboratory

Prerequisite: BIOL 2053 and BIOL 3034 or concurrent enrollment.

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.

Credit: 1

BIOL 3036 - Human Anatomy

Prerequisite: BIOL 2052.

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.

Credit: 3

BIOL 3037 - Human Anatomy Laboratory

Prerequisite: BIOL 2053; BIOL 3036 or concurrent.

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.

Credit: 1

BIOL 3040 - General Microbiology

Prerequisite: BIOL 2052

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.

Credit: 3

BIOL 3041 - General Microbiology Laboratory

Prerequisite: BIOL 2053; BIOL 3040 or concurrent enrollment.

Laboratory component of BIOL 3040.

Credit: 1

BIOL 3050 - Genetics

Prerequisite: Any WC&IL II course or concurrent; BIOL 2052; CHEM 2052.

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.

Credit: 3

BIOL 3054 - Evolutionary Biology

Prerequisite: BIOL 2052 and CHEM 2052; any WC&IL II course or concurrent.

Current theories of the genetic basis of evolution, emphasizing the roles of isolation, migration and vicariance, adaptation, and natural selection in the phylogenetic history and distribution of prokaryotic and eukaryotic organisms.

Credit: 3

BIOL 3060 - Marine Invertebrate Zoology

Prerequisite: BIOL 2052.

An evolutionary perspective emphasizing functional morphology and life histories of marine, freshwater, and terrestrial invertebrates.

Credit: 3

BIOL 3061 - Marine Invertebrate Zoology Laboratory

Prerequisite: BIOL 2053; 3060 or concurrent enrollment.

Laboratory component of BIOL 3060.

Credit: 1

BIOL 3070 - Marine Vertebrate Zoology

Prerequisite: BIOL 2052.

An examination of the diversity, evolution, comparative morphology, and physiology of fishes. The course surveys marine reptiles, birds, and mammals.

Credit: 3

BIOL 3071 - Marine Vertebrate Zoology Laboratory

Prerequisite: BIOL 2053; 3070 or concurrent enrollment.

Laboratory component of BIOL 3070.

Credit: 1

BIOL 3080 - Ecology

Prerequisite: BIOL 2052

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.

Credit: 3

BIOL 3081 - Ecology Laboratory

Prerequisite: BIOL 2053; BIOL 3080 (concurrent enrollment allowed); MATH 1123 (concurrent enrollment allowed) or BIOL 3090 (concurrent enrollment allowed).

Laboratory component of BIOL 3080. An introduction to the collection and analysis of data pertaining to the distribution and abundance of organisms, and the writing of scientific papers. Includes the critical reading and evaluation of the scientific literature.

Credit: 1

BIOL 3090 - Biometry

Prerequisite: BIOL 2052.

This course provides an introduction to the theory and practice of statistics and focuses on hypothesis testing, experimental design, and the interpretation of statistical results. Course lectures cover summary statistics, normality diagnostics, Z-scores, t-tests, correlation, regression, ANOVA, and ANCOVA. Practical assignments using R software and examples drawn from the biological sciences will augment instruction on statistical principles and methods.

Credit: 3

BIOL 3170 - Cell and Molecular Biology

Prerequisite: BIOL 2052 and CHEM 2050; any WC&IL II course or concurrent.

Principles governing metabolism, reproduction, genetics, and other aspects of biological activity at the cellular level in both prokaryotic and eukaryotic organisms.

Credit: 3

BIOL 3171 - Cell and Molecular Biology Laboratory

Prerequisite: BIOL 2053; CHEM 2053; BIOL 3170 or concurrent enrollment.

Laboratory component of BIOL 3170.

Credit: 1

BIOL 3930 - Nutrition and Society

Prerequisite: BIOL 2052.

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.

Credit: 3

BIOL 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

BIOL 4020 - Cancer Biology

Prerequisite: BIOL 3170 or BIOL 3050

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.

Credit: 3

BIOL 4024 - Algal Biology and Diversity

Prerequisite: any 3000 level BIOL course

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.

Credit: 3

BIOL 4040 - Environmental Microbiology

Prerequisite: Any 3000-level BIOL course

General microbiological principles emphasizing the nature of the microbial world; microbial metabolism; and energetics, microbial diversity, population interactions, and human interactions. Emphasis is on the importance of micro-organisms in the biosphere.

Credit: 3

BIOL 4041 - Environmental Microbiology Laboratory

Prerequisite: BIOL 4040 or concurrent enrollment

Laboratory component of BIOL 4040.

Credit: 1

BIOL 4050 - Developmental Biology

Prerequisite: Any 3000-level BIOL course

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.

Credit: 3

BIOL 4210 - Neuroscience

Prerequisite: Any 3000-level BIOL course

Examination of the organization and function of the nervous system at molecular, cellular and systemic levels.

Credit: 3

BIOL 4220 - Immunology

Prerequisite: Any 3000-level BIOL course

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.

Credit: 3

BIOL 4940 - Biology Seminar

Prerequisite: Any 3000-level BIOL course

A critical analysis of recent biological literature. Includes formal seminars, informal group discussions, a comprehensive review article, and research project proposal.

Capstone course.

Credit: 3

BIOL 4950 - Biology Practicum

Practicum research for students working on special topics in biology under the direction of the biology faculty. Repeatable up to 12 credits.

Credit: 1 to 3

BIOL 4960 - Island Ecosystem Management

Prerequisite: BIOL 3910.

A senior capstone experience in the Biology Conservation, Ecology, and Evolution concentration, where students apply their knowledge of Hawaiian natural history, and ecological and evolutionary theory and methods to develop and present a hypothesis-based proposal on ecosystem management. Islands are living laboratories for study of evolutionary and biogeographic processes, but these natural systems show signs of severe degradation due to human actions. Using scientific literature, case studies, and field trips to management sites, students will be able to discuss strategies, trade-offs, and impacts of these real-life conservation efforts.

Credit: 3

BIOL 6040 - Environmental Microbiology

General microbiological principles emphasizing the nature of the microbial world; microbial metabolism; and energetics, microbial diversity, population interactions, and human interactions. Emphasis is on the importance of micro-organisms in the biosphere.

Credit: 3

BIOL 6090 - 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.

Credit: 3

BIOL 6120 - Ichthyology

Prerequisite: BIOL 2052. Graduate standing.

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.

Credit: 3

BIOL 6170 - Larval Biology

Prerequisite: BIOL 2052.

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.

Credit: 3

BIOL 6210 - Neuroscience

Prerequisite: Graduate standing.

Examination of the organization and function of the nervous system at molecular, cellular and systemic levels.

Credit: 3

BIOL 6220 - Immunology

Prerequisite: Graduate standing.

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.

Credit: 3

BUS - Business

BUS 1000 - 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.

Credit: 3

BUS 1040 - 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 hotels/resorts, food and beverage establishments, attractions, casinos, meetings and conventions. Examples from Hawai'i and international destinations are used in class.

Credit: 3

BUS 1500 - Statistical Techniques in Business

This course provides students majoring in management, marketing, finance, accounting, economics, and other fields of business administration with an introductory survey of the many applications of descriptive and inferential statistics. The focus is on business applications that are used to solve business problems. Topics include data exploration, probability distributions, confidence internal, hypothesis testing, analysis of variance, correlation and regressions analysis, nonparametric methods, and statistical process control and quality management. Use of computer tools for carrying out statistical analysis is also a major emphasis.

Credit: 3

BUS 2500 - Mathematics for Business

Prerequisites: MATH 1123; MATH 1130 or higher

This course is designed for business and economic students. It enables students to learn and apply mathematics skills to a business setting. Topics included review of basic algebra, linear and nonlinear equations, set theory and mathematic proofs, functions of one and many variables, differentiation, single and multivariate optimization, constrained optimization, financial mathematics, linear programing, and business forecasting. Students will not only know the mathematics of these concepts but also be able to apply the concepts to solve business problems and make sound business decisions.

Credit: 3

BUS 3801 - Sports and Coaching Administration

The sports industry is expected to exceed $100 billion in the world. Interest in sports starts at a young age and continues through high school, college, professional, and recreational levels. This course provides those students who are interested in sports management with the opportunity to view sports from the perspective of a sports administrator and/or coach. The course requires an interview with a local coach to gain direct knowledge of the administrative responsibilities. Topics will include current issues in the sports industry.

Credit: 3

BUS 5001 - MBA: Ho'omākaukau

Prerequisite: Graduate Standing

Ho'omākaukau, in the Hawaiian language, translates to "to prepare; make ready." This course welcomes students to the MBA program and must be completed before students can register for their second term. It introduces the program learning outcomes and contains critical prerequisite knowledge and concepts that are required for core courses and information related to expectations for graduate students.

Credit: 0 to 1

BUS 6000 - Seminar Series in Business

Prerequisite: Graduate Standing

This is a seminar course for College of Business speaker series that contains subject matter or content intended to address specialized issues that are contemporary within the general business field of study.

Credit: 0

BUS 6910 - Special Topics in the MBA Program

Prerequisite: Graduate Standing

This is a special topics course in the MBA Program that contains subject matter or content intended to address specialized issues that are contemporary within the MBA Program field of study.

Credit: 1 to 3

BUS 7999 - MBA: A Hui Hou

Prerequisite: Graduate Standing

A hui hou, in the Hawaiian language, translates to “until we meet again.” This course forms the completion of the MBA program. It summarizes the program learning outcomes and important concepts and assesses whether students have mastered them. The course also provides career advice and sets students up to be successful in their profession.

Credit: 0 to 1

CHEM - Chemistry

CHEM 1000 - Introductory Chemistry

Prerequisite: A grade of C- or higher in MATH 1101; or Placement into MATH 1105; or minimum Math scores ACT 21 or SAT 480

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.

Credit: 3

CHEM 1020 - 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.

Credit: 3

CHEM 1021 - Introduction to Chemistry and the Environment Laboratory

Prerequisite: CHEM 1020 or concurrent. Co-requisite: CHEM 1020.

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.

Credit: 1

CHEM 2030 - Introduction to Organic Chemistry and Biochemistry

Prerequisite: CHEM 1000 or CHEM 2052.

A basic introduction to organic chemical groups such as alkanes, alkenes, aromatic compounds, esters, acids, amines, and alcohols and to molecules of special importance in the body such as carbohydrates, lipids, proteins, and enzymes.

Credit: 3

CHEM 2050 - General Chemistry I

Prerequisite: MATH 1130 or higher (or a math SAT of at least 550 or a math ACT of 24 or greater).

This is the first of a two-semester course on the fundamental chemical principles for students intending to major in the natural sciences. Chemical topics covered in this course include the atomic-molecular basis of matter, chemical reactions, stoichiometry, thermochemistry, the electronic structure of atoms, element properties, the periodic table, chemical bonding, molecular geometry, and gas laws.

Credit: 3

CHEM 2051 - General Chemistry I Laboratory

Prerequisite: CHEM 2050 or concurrent enrollment.

Laboratory component of CHEM 2050.

Credit: 1

CHEM 2052 - General Chemistry II

Prerequisite: CHEM 2050; Any WC&IL I course

Continuation of CHEM 2050. Chemical topics covered in this course include intermolecular forces, the structure of solids, solution properties, chemical kinetics and equilibrium, acid-base equilibrium, thermodynamics, and electrochemistry

Credit: 3

CHEM 2053 - General Chemistry II Laboratory

Prerequisite: CHEM 2051; CHEM 2052 or concurrent enrollment.

Laboratory component of CHEM 2052.

Credit: 1

CHEM 3010 - Fundamental Organic Chemistry

Prerequisite: CHEM 2052

A one-semester organic chemistry course that provides a chemical foundation to understanding biological processes. Organic compounds are built on carbon frameworks and are the principal chemical class in all biological organisms. We will learn what these frameworks look like, how they are bonded and how they are affected by small arrangements of select elements, collectively known as 'functional groups.' Paying particular attention to functional groups and their reactions that are pertinent to biology, we will look at alkanes, alkyl halides, acids, bases, carbonyl compounds, and the mechanisms of their reactions. Included in these discussions will be amino acids and proteins.

Credit: 3

CHEM 3020 - Physical Chemistry I

Prerequisite: CHEM 3030; MATH 2214 or higher.

Physical and mathematical principles of chemistry. Topics include the first and second laws of thermodynamics, free energy, phase equilibrium, chemical equilibrium, and kinetics (empirical rate laws, Arrhenius equation, reaction mechanics, collision theory, and absolute reaction-rate theory).

Credit: 3

CHEM 3022 - Physical Chemistry II

Prerequisite: CHEM 3020.

A continuation of CHEM 3020. Physical and mathematical principles of chemistry. Topics include: quantum mechanics (atomic orbitals, molecular orbitals, quantization of rotational and vibrational motions, and principles of molecular spectroscopy) and statistical thermodynamics (equipartition of energy, statistical distribution of matter and energy, Boltzmann distribution, and ensembles)

Credit: 3

CHEM 3023 - Physical Chemistry Laboratory

Prerequisite: CHEM 3020; CHEM 3022 or concurrent enrollment.

Laboratory component of Physical Chemistry. Exercises are designed to reinforce concepts learned in CHEM 3020 and 3022, including topics from classical thermodynamics, kinetics, and molecular spectroscopy.

Credit: 1

CHEM 3030 - Organic Chemistry I

Prerequisite: CHEM 2052.

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 nuclear magnetic resonance (NMR) spectroscopy.

Credit: 3

CHEM 3031 - Organic Chemistry I Laboratory

Prerequisite: CHEM 2053; 3030 or concurrent enrollment.

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, esterifications, and additions in order to synthesize aspirin, methylcylohexenes, diphenylacetylene, halobutanes, and methyl eugenol (a fruit fly pheromone). We will also analyze the biological efficacy of student prepared pheromones and statistically evaluate the data. Analytical instrumentation used by each student will include gas chromatography, ultraviolet and infrared spectroscopy (IR), mass spectrometry, and nuclear magnetic resonance (NMR) spectroscopy. These techniques are used to test hypotheses relating to reaction mechanisms, purity, solubility, and biological activities.

Credit: 1

CHEM 3032 - Organic Chemistry II

Prerequisite: CHEM 3030; any WC&IL II course.

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.

Credit: 3

CHEM 3033 - Organic Chemistry II Laboratory

Prerequisite: CHEM 3031, 3032 or concurrent enrollment.

Laboratory component of CHEM 3032. This course will continue to develop the synthesis, purification, and instrumentation techniques and skills required to: conduct a modernized oxidation reaction (IBX), an air and moisture sensitive organometalics reaction (Grignard), and an asymmetric reduction reaction. Students will use new instruments, including the polarimeter and liquid chromatography-mass spectrometry. Students will learn how to critically read current literature articles and formally present them to the class. Finally, students will cap their organic laboratory education with a 5-week project to uncover the identity of 2 assigned unknown compounds using qualitative chemical tests and instrumentation.

Credit: 1

CHEM 3040 - Quantitative Analysis

Prerequisite: CHEM 2052.

Theoretical principles of techniques used in the separation and analysis of chemical substances. Topics include sources and statistical treatment of measurement error, charge and mass balance, complex equilibria, and methods of analysis (gravimetric, volumetric, spectrophotometric, electroanalytical, and/or chromatographic techniques).

Credit: 3

CHEM 3041 - Quantitative Analysis Laboratory

Prerequisite: CHEM 2053; CHEM 3040 or concurrent enrollment.

Laboratory component of CHEM 3040.

Credit: 2

CHEM 3042 - Instrumental Analysis

Prerequisite: CHEM 2052.

Theoretical principles of important analytical instruments used in the chemical field. Topics include atomic and molecular spectroscopy (components of optical instruments, atomic emission and absorption, ultraviolet-visible light and infrared spectroscopy, fluorescence spectroscopy, electron microscopy, Raman spectroscopy, and molecular mass spectrometry), separation methods (gas chromatography, liquid chromatography, and capillary electrophoresis), and electroanalytical chemistry (potentiometry, coulometry, and voltammetry).

Credit: 3

CHEM 3043 - Instrumental Analysis Laboratory

Prerequisite: CHEM 2053; CHEM 3042 or concurrent enrollment.

Laboratory component of CHEM 3042. Students apply theoretical knowledge to operate advanced instruments to conduct chemical analyses. Topics include components of optical instruments, ultraviolet-visible light spectroscopy, fluorescence spectroscopy, electron microscopy, mass spectrometry, gas chromatography, liquid chromatography, voltammetry, and other instrumental methods.

Credit: 1

CHEM 3050 - Environmental Chemistry

Prerequisite: CHEM 2052.

Basic and applied chemistry of the lithosphere, hydro- sphere, and atmosphere, with emphasis on natural global biogeochemical cycles and perturbations caused by human activities.

Credit: 3

CHEM 3060 - Inorganic Chemistry

Prerequisite: CHEM 2052.

Descriptive survey of chemistry beyond that of carbon-based compounds. Topics include atomic structure, periodic trends, bonding theory, acids and bases, molecular orbitals, coordination compounds, and organometallic compounds.

Credit: 3

CHEM 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

CHEM 4020 - Advanced Organic Chemistry

Prerequisite: CHEM 3032.

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.

Credit: 3

CHEM 4030 - Biochemistry I

Prerequisite: CHEM 3032.

Biochemistry is the study of structure and function of macromolecules, basic biochemical principles, and metabolic and information pathways of living organisms. This course is an introduction to the extensive and rapidly-expanding field of biochemistry. This is the first semester of the two-semester biochemistry sequence that covers the structures of the four major classes of macromolecules and their components, enzymatic kinetics, cell membranes and transport, cell signaling, and catabolism.

Credit: 3

CHEM 4031 - Biochemistry I Laboratory

Prerequisite: CHEM 3033, CHEM 4030 or concurrent enrollment.

Laboratory component of CHEM 4030. This course provides a hands-on teaching environment to simulate the student research experience and to develop independent laboratory skills. Students will become familiar with basic biochemical laboratory skills, equipment, and reagents while engaging in experiments that focus on the properties and analysis of principal biological macromolecules such as proteins, enzymes, and biological membranes and their building blocks. The students will focus on the process of data collection, and the interpretation and discussion of the experimental results.

Credit: 1

CHEM 4032 - Biochemistry II

Prerequisite: CHEM 4030.

This course is the second half of a two-semester survey of the vast and growing field of biochemistry. Topics include biosynthesis of the four macromolecules with focus on nucleic acids and protein biosynthesis and the regulation and expression of genes. Students will practice scientific writing and oral presentation of scientific literature.

Credit: 3

CHEM 4033 - Biochemistry II Laboratory

Prerequisite: CHEM 4031, CHEM 4032 or concurrent enrollment.

This course serves as the laboratory component of the associated lecture course CHEM 4032. It will enhance the student research experience and guide students in developing independent laboratory skills. Unlike a conventional laboratory course, this class is project-oriented. Students will design their own project. Students will take charge of every aspect of their research project, starting with a literature search, drafting a proposal, designing experiments, collecting and analyzing data, and culminating with writing a final research report in manuscript form. The instructor will provide guidance and have discussions with students. Students will report their results in the capstone symposium.

Credit: 1

CHEM 4054 - Aquatic Chemistry

Prerequisite: CHEM 2052; MATH 2214 or higher except MATH 2326 or 3301

Applications of chemical principles to describe processes controlling the composition of natural water systems.

Credit: 3

CHEM 4095 - Biochemistry Seminar

Prerequisite: CHEM 4032 or concurrent enrollment.

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.

Credit: 3

CHEM 4900 - Research Fundamentals

Prerequisite: CHEM 3032 and CHEM 3033. Junior or Senior class standing.

This course will serve as the first of 2 research capstone courses for students in the B.S. in Chemistry-Conventional Concentration degree program, or as an unrestricted elective for other natural science majors. In this course, students will work with a research mentor to develop ideas for their senior research project, design a project informed by the literature, and write and defend a project proposal consistent with standards in the field of chemistry. This course will normally be taken in the junior year or one semester prior to the student enrolling in CHEM 4901 Senior Research.

Credit: 2

CHEM 4901 - Senior Research

Prerequisite: CHEM 4900. Junior or Senior class standing.

Senior Seminar designed to immerse students intensively in the primary literature of chemistry. Students will present critical reviews and analysis of recent chemical research, participate in group discussions, write a literature review, and develop a research proposal.

Capstone course.

Credit: 3

CHEM 4910 - Senior Seminar

Prerequisite: CHEM 3032. Junior or Senior standing.

Senior Seminar designed to immerse students intensively in the primary literature of chemistry. Students will present critical reviews and analysis of recent chemical research, participate in group discussions, write a literature review, and develop a research proposal.

Capstone course.

Credit: 3

CHEM 4920 - Special Topics in Chemistry

Prerequisite: CHEM 2052.

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.

Repeatable for up to 9 credits.

Credit: 3

CHEM 4950 - Practicum

Repeatable up to 12 credits

Credit: 1 to 4

CHEM 4951 - Practicum

Credit: 1 to 3

CHEM 4952 - Practicum

Credit: 1

CHEM 4984 - Practicum

Credit: 2

CHEM 6310 - Marine Natural Products Chemistry

Prerequisite: CHEM 4030. Graduate standing.

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.

Credit: 3

CHIN - Chinese

CHIN 1100 - Beginning Mandarin I

An introduction to written and spoken Mandarin. This is the first semester of a two-semester sequence.

Credit: 3

CHIN 1200 - Beginning Mandarin II

Prerequisite: CHIN 1100.

An introduction to written and spoken Mandarin. This is the second semester of a two-semester sequence.

Credit: 3

CHIN 2100 - Intermediate Mandarin I

Prerequisite: CHIN 1200.

Conversation, reading, grammar, and introduction to Chinese culture. This is the first semester of a two-semester sequence.

Credit: 3

CHIN 2200 - Intermediate Mandarin II

Prerequisite: CHIN 2100.

Conversation, reading, grammar, and introduction to Chinese culture. This is the second semester of a two- semester sequence.

Credit: 3

CHIN 3100 - Advanced Mandarin I

Prerequisite: CHIN 2200.

Further development of written and oral language skills and the study of literary and cultural writings.

Credit: 3

CHIN 3200 - Advanced Mandarin II

Prerequisite: CHIN 3100.

Further development of written and oral language skills and the study of literary and cultural writings.

Credit: 3

CJ - Criminal Justice

CJ 1000 - Violence in American Society

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 countries 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.

Credit: 3

CJ 1050 - Introduction to Criminal Justice

This course is an introductory survey of the American criminal justice system with a view to its social and institutional context and its structure and functioning. The course provides an overview of the foundations and components of the criminal justice system, including (substantive and procedural) criminal law, police, courts, and corrections. The main emphasis will be placed on the criminal justice process and how the various institutions of criminal justice interact. Key issues will be addressed as they arise at different stages of the process, such as the conflict between crime control and due process.

Credit: 3

CJ 1500 - Introduction to Cybersecurity

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.

Credit: 3

CJ 2000 - Laws and Courts in World Cultures

Prerequisite: Any WC&IL I course

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.

Credit: 3

CJ 2050 - Basic Criminology

Prerequisite: A grade of C- or higher in any WC&IL II course.

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.

Credit: 3

CJ 2060 - Justice Systems

Prerequisite: PSCI 1400 and CJ 1050

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.

Credit: 3

CJ 3000 - Ethics and Justice

Prerequisite: Any WC&IL II course.

The course explores the standards and codes of professional responsibility in various professions and 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.

Credit: 3

CJ 3070 - Justice Management

Prerequisite: A grade C- or higher in WC&IL II course; and CJ 1050

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.

Credit: 3

CJ 3300 - Criminal Procedures

Prerequisite: A grade of C- or higher in any WC&IL II course; and CJ 1050

A critical examination of the steps involved in a criminal case, from arrest to final court disposition. The course re- views 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.

Credit: 3

CJ 3310 - Law Enforcement: Contemporary Issues

Prerequisite: A grade of C- or higher in any WC&IL II course and any lower-division criminal justice course.

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.

Credit: 3

CJ 3320 - Corrections: Processes and Programs

Prerequisite: A grade of C- or higher in any WC&IL II course; and CJ 1050

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.

Credit: 3

CJ 3500 - Criminal Law

Prerequisite: A grade of C- or higher in any WC&IL II course; and CJ 1050

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.

Credit: 3

CJ 3510 - Crime Victims and Justice

Prerequisite: A grade of C- or higher in any WC&IL II course and any lower-division criminal justice course.

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.

Credit: 3

CJ 3520 - Drug Abuse and Justice

Prerequisite: A grade of C- or higher in any WC&IL II course and any lower-division criminal justice course.

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.

Credit: 3

CJ 3530 - Juvenile Deviancy and Justice

Prerequisite: A grade of C- or higher in any WC&IL II course; and CJ 1050

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.

Credit: 3

CJ 3540 - Women, Minorities, and Justice

Prerequisite: A grade of C- or higher in any WC&IL II course and any lower-division criminal justice course.

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.

Credit: 3

CJ 3550 - Crime Scene Investigation: Theories and Practices

Prerequisite: A grade of C- or higher in any WC&IL II course and any lower-division criminal justice course.

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.

Credit: 3

CJ 3560 - Family Violence

Prerequisite: A grade of C- or higher in any WC&IL II course.

A thorough and critical examination of family violence to include domestic/intimate partner violence, child and elder abuse. Topics include the meaning, nature, and types of family violence; theories which attempt to explain hostility, aggression, and violence among intimate people; the consequences of violence; and preventive measures and strategies for dealing with violence in the family focusing on local, national, and international perspective.

Credit: 3

CJ 3600 - 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.

Credit: 3

CJ 3973 - Criminalistics and the Investigation of Injury and Death

Prerequisite: A grade of C- or higher in any WC&IL II course.

Developing empirical knowledge in forensics related to the investigation of injury and death and looking at the many aspects of forensic pathology. Specialized topics to include blunt force trauma and gunshots. Also looks at different classifications of death investigation and the forensics that tie the investigations together.

Credit: 3

CJ 3974 - Forensic Science Experiential Learning

Prerequisite: A grade of C- or higher in any WC&IL II course.

This course is arranged to expand clinical application of theory content in forensic science to appropriate fields. Different professional agencies that are instrumental in forensic investigation and interviewing will be addressed. Site visits and/or guest lectures will supplement the course to support students' goals.

Credit: 3

CJ 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

CJ 4900 - Seminar Criminal Justice

Prerequisite: Advisor approval.

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.

Credit: 3

CJ 6700 - Leadership and Ethics

Prerequisite: Graduate standing.

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.

Credit: 3

CJ 6710 - Civil Liability and Civil Rights Challenges

Prerequisite: Graduate standing.

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 an individual's due process and equal protection rights, and result in discriminatory and hostile work environment liability. Through the study of 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. Students will be able to recognize and implement rules and procedures to avoid liability.

Credit: 3

CJ 6720 - Criminal Justice Organizations

Prerequisite: Graduate standing.

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 of and potential internships with these agencies/organizations, student will gain a practical insight and experience of how these agencies/organizations are structured and operate.

Credit: 3

CJ 6730 - Contemporary Issues in Criminal Justice

Prerequisite: Graduate standing.

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.

Credit: 3

CJ 6740 - Media and the Criminal Justice Professions

Prerequisite: Graduate standing, Departmental Approval Required.

This course looks at how the media plays an important role in the construction of criminality and the criminal justice system and its influence on how society perceives victims, criminals, deviants, and criminal justice officials. The media and the false/true portrayals of these professions can be positive or damaging to both the professionals in the criminal justice arena and the people of society. A connection is also shown how the public crime-and-justice agenda, beliefs about criminology, and attitudes toward policy are influenced by the media.

Credit: 3

CJ 6750 - Administrative and Constitutional Procedures for Professionals

Prerequisite: Graduate standing, Departmental Approval Required.

This course addresses the rights, authority, and limitations confronting criminal justice agencies. The course will examine constitutional law principles such as the Separation of Powers, Federalism, Due Process, Equal Protection, as well as individual privacy rights. As criminal justice professionals, students will be able to understand and apply constitutional law principles in an administrative capacity relating to agency policies, rulemaking, compliances with rules and regulations, agency decisions, employment matters, agency accountability, and judicial review.

Credit: 3

CJ 6760 - Hostage/Crisis Negotiations

Prerequisite: Graduate standing, Departmental Approval Required.

This course looks at the fundamentals of crisis management for crisis and hostage negotiators as well the history of crisis management. It covers the elements of a crisis response team, the model of intervention in crisis/hostage negotiations, risk assessment in negotiations, communication in crisis negotiations, guidelines for negotiating with emotionally disturbed or mentally ill individuals, negotiating with suicidal persons, negotiating with special populations (e.g. juveniles, gang members, elderly), crisis negotiations in prisons and correctional facilities, and hostage dynamics.

Credit: 3

CJ 6990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 9 credit hours.

Credit: 1 to 3

CJ 6998 - Special Topics in Criminal Justice

Prerequisite: Graduate standing, Departmental Approval Required.

This course provides an opportunity for students to explore other areas directly related to the criminal justice curriculum that deal with issues that are plaguing our criminal justice operations that are 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 escalation in police domestic violence, mental illness and the criminal justice system, and police suicides and drug addiction.

Repeatable for up to 6 credits.

Credit: 3

CJ 7001 - Professional Paper I

Prerequisite: PADM 6000; PADM 6300; Program Chair approval

This capstone is the first of two courses required near the end of the student’s MSCJ Program. It is, first, a review of the salient points from the program of study that culminates in a comprehensive exam. Second, it is a preparation for CJ 7002 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.

Credit: 3

CJ 7002 - Professional Paper II

Prerequisite: CJ 7001; Program Chair approval

This capstone is the second of two courses required near the end of the student's MSCJ Program. In this course, the student implements the option of researching and writing a thesis on a criminal justice issue or completing an applied research project. The applied research project option may include an objective or problem of concern to an entity or unit of the U.S. Federal Government, a State, City or any criminal justice issue.

Credit: 3

CLST - Classical Studies

CLST 1000 - 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.

Credit: 3

CLST 2600 - Greek and Latin Roots in English

Prerequisite: Any WC&IL I course.

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.

Credit: 3

CLST 3030 - Ancient Drama

Prerequisite: Any WC&IL II course.

An examination of the evolution of theatre 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.

Credit: 3

CLST 3100 - Gender in Classical Greek Myth, Literature, and Religion

Prerequisite: Any WC&IL II course.

Study of gender in the literary, mythical, and religious imaginations of the ancient civilizations around the Mediterranean Sea. Studied texts to extend from the epics of Homer through Classical myth and tragedy through the Greek gospels.

Credit: 3

CLST 4900 - Seminar in East-West Classical Studies

Prerequisite: Any WC&IL II course and junior or senior standing.

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.

Credit: 3

CLST 4997 - Directed Readings in Classical Studies

Directed individualized readings. May be repeated if content or topic is different.

Credit: 1 to 3

COM - Communication

COM 1000 - 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.

Credit: 3

COM 1500 - Public Speaking in a Mediated World

Prerequisite: Undergraduate standing.

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.

Credit: 3

COM 2000 - 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.

Credit: 3

COM 2500 - Sex and Gender in Communication Contexts

Prerequisite: Any WC&IL I course.

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.

Credit: 3

COM 2640 - Argumentation and Debate

Prerequisite: Any WC&IL I course.

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.

Credit: 3

COM 3000 - Mass Media

Prerequisite: Any WC&IL II course; COM 1000.

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.

Credit: 3

COM 3200 - Interpersonal Communication

Prerequisite: COM 1000.

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.

Credit: 3

COM 3260 - Film as Communication

This course is a survey of the evolution of the technical and ideological aspects of film. Film theory is introduced as a tool to understand filmic ideology. International films as well as different genres are examined, including experimental, propaganda, and romantic comedy.

Credit: 3

COM 3270 - Film Genre

Prerequisite: Any WC&IL II course.

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.

Credit: 3

COM 3300 - Intercultural Communication

Prerequisite: COM 1000.

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.

Credit: 3

COM 3320 - Persuasion

Prerequisite: COM 1000 or COM 2000 or MC 1000

An exploration of how persuasion influences us through the mass media, public relations, marketing, advertising, and culture.

Credit: 3

COM 3340 - Nonverbal Communication

Prerequisite: COM 1000.

An exploration of nonverbal communication including semiotics, paralanguage, proxemics, kinesics, haptics, chronemics, eye contact, and facial expression.

Credit: 3

COM 3350 - Team Building

Prerequisite: COM 1000.

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.

Credit: 3

COM 3400 - Communicating Professionally

Prerequisite: Any WC&IL I course.

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.

Credit: 3

COM 3420 - Business Communication

Prerequisite: Any WC&IL II course.

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.

Credit: 3

COM 3440 - Advanced Public Speaking

Prerequisite: COM 2000.

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.

Credit: 3

COM 3500 - Technical Communication

Prerequisite: Any WC&IL II course.

The development of written and oral skills focusing on communication of technical and scientific information to people with and without technical backgrounds.

Credit: 3

COM 3641 - Argumentation and Debate Practicum

Prerequisite: COM 2000 or COM 2640.

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.

Repeatable for up to 9 credits.

Credit: 3

COM 3680 - Rhetorical Theory

Prerequisite: COM 3000, 3250.

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.

Credit: 3

COM 3750 - Global Communication Cases

Prerequisite: Any WC&IL II course.

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.

Credit: 3

COM 3770 - Media Literacy

Prerequisite: Any WC&IL II course; COM 3000.

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.

Credit: 3

COM 3900 - Communication Theory

Prerequisite: COM 3000; MC 2100 or COM 3250

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.

Credit: 3

COM 3910 - Selected Topics in Communication

Course title, content, and prerequisites will vary. May be repeated when title and content have changed.

Credit: 1 to 3

COM 3950 - Communication Practicum

Prerequisite: 9 credits of upper-division communication courses, 2.7 GPA or above, and instructor approval.

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, theatre, or visual communication. Supervision is both by a professional on site and by HPU faculty.

Repeatable for up to 9 credits.

Credit: 3

COM 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the

department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

COM 4900 - Seminar in Communication Criticism

Prerequisite: COM 3000; COM 3250 or MC 2100; COM 3320; COM 3900.

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.

Credit: 3

COM 6000 - Communication Theory

Prerequisite: Graduate standing.

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.

Credit: 3

COM 6020 - Communication Campaigns

Prerequisite: COM 6000 & 6050, or concurrent enrollment. Graduate standing.

This course teaches the research, practice, and criticism of communication campaigns, touching on persuasion and media manipulation in political, advertising, public relations, health, and other strategic communication contexts. Students will study both successful and unsuccessful historical cases on the way to developing their own professional, focused strategic communication plans.

Credit: 3

COM 6030 - Writing for Communication Professionals

Prerequisite: Graduate standing.

This course that teaches writing skills specifically for the strategic communication professional. Students will study, learn to critique, and write advertising copy; public relations copy; press release & briefings; internal and external memoranda; brochures, newsletters; and short scripts.

Credit: 3

COM 6050 - Communication Research Methods

Prerequisite: COM 6000 or concurrent enrollment. Graduate standing.

Focuses on rigorous communication research from the professional perspective, and the best means of presenting that research. Includes training in qualitative methods like textual analysis, survey research, and focus groups, but the primary focus in on quantitative methods such as statistical analysis, audience research, social media scraping, and marketing/advertising data.

Credit: 3

COM 6085 - Speechmaking & Presentations

Prerequisite: Graduate standing.

The course teaches the art of crafting and delivering speeches and presentations through studying persuasion, the strategic use of language and appropriate graphics, and skillful oratory. Students will study both effective and ineffective examples, and learn to prepare presentations for a variety of political, corporate, and other professional audiences.

Credit: 3

COM 6200 - Organizational Communication Management

Prerequisite: COM 6000, 6050 or concurrent enrollment. Graduate standing. Instructor Approval.

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.

Credit: 3

COM 6305 - Crisis Communication

Prerequisite: COM 6000, 6050 or concurrent enrollment. Graduate standing.

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.

Credit: 3

COM 6310 - International Communication

Prerequisite: COM 6000, 6050 or concurrent enrollment. Graduate standing.

This course examines the elements that affect communication across cultural and national boundaries and how to successfully engage with partners across those boundaries. The course recognizes that multicultural issues affect the communication of organizational members on a day-to-day basis, and that skilled multicultural communication can be a powerful organizational asset.

Credit: 3

COM 6350 - Events Planning

Prerequisite: COM 6000, 6050, & 6650 (Completed or concurrent) Graduate standing and Director/Dean's Approval.

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.

Credit: 3

COM 6440 - Digital Photography, Videography, and Postproduction

Prerequisite: Graduate standing

This course introduces production skills for the media specialist. Students learn still photography, videography, and postproduction techniques, including digital still photography, digital video and audio recording, photo processing, and nonlinear editing. Students develop the technical knowhow necessary to conceptualize, script, and produce image content as individuals and in teams.

Credit: 3

COM 6460 - Digital Graphic Design

Prerequisite: Graduate standing.

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.

Credit: 3

COM 6510 - Web Design

Prerequisite: Graduate standing.

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.

Credit: 3

COM 6580 - Social Media Strategy

Prerequisite: COM 6000, 6050 or concurrent enrollment

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.

Credit: 3

COM 6590 - Feature Film Screenwriting

Prerequisite: COM 6000, 6050 or concurrent enrollment. Graduate standing.

Students in this course study narrative design and screen- writing 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.

Credit: 3

COM 6650 - Intellectual Property and Media Ethics

Prerequisite: Graduate standing.

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.

Credit: 3

COM 6780 - Media & Globalization

Prerequisite: COM 6000, 6050 or concurrent enrollment.

In this global media course students learn to analyze the critical cultural contexts of local, national, and regional media environments and how to strategically negotiate them, examining historical and current media cases. Ultimately, students analyze an international media situation and create an action plan for working within it.

Credit: 3

COM 6910 - Selected Topics in Communication

Prerequisite: COM 6000, 6050 or concurrent enrollment. Graduate standing.

Course title, content, and prerequisites will vary. May be repeated when title and content have changed.

Credit: 3

COM 6990 - Internship

Prerequisite: COM 6000; COM 6050; at least 3.0 GPA

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 6 credit hours.

Credit: 1 to 3

COM 7150 - Capstone I

Prerequisite: COM 6000, 6050, 6650 and advisor approval. Graduate standing.

Initial design and development of the academic thesis or professional project.

Credit: 3

COM 7250 - Capstone II

Prerequisite: COM 7150. Graduate standing.

Final preparation and presentation of the academic thesis or professional project. This will include an oral presentation and defense.

Credit: 3

COM 7299 - Continuing Thesis II Writing

Prerequisite: COM 7150. Graduate standing.

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.

Credit: 1

CSCI - Computer Science

CSCI 1041 - 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.

Credit: 3

CSCI 1061 - 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.

Credit: 3

CSCI 1534 - Data Analysis and Visualization - the Good, the Bad, the Ugly

This course covers the fundamentals of problems solving and data analysis, the visual presentation of information, and the foundations of financial literacy. Students will become power-users of spreadsheets, the power-tool for business, education, personal life, and basic data analysis in many domains including the natural and social sciences. A wide range of spreadsheet capabilities are covered, including statistics, finance, mathematics, and what-if-analysis. To critically and accurately present information, students will learn graphic design guidelines and the cognitive and perceptual principles behind creating effective visualizations. In-depth financial problems are covered including loan and investment examples.

Credit: 3

CSCI 1611 - A Gentle Introduction to Programming

Prerequisite: Math 1105 or equivalent placement.

This is a gentle introduction to computer programming with the introductory programming language Python. Programs tell computers, step by step, how to do the amazing things they do, and they can stimulate and help evaluate models of our world. Students will learn problem solving and critical thinking in the framework of computational thought, and they will discuss the impact of technology on society. Topics cover fundamental programming concepts including: variables and data types, conditional and iterative control structures, string handling, functions, and testing. Programs will be compared to Java language versions for students interested in continuing computer science studies.

Credit: 3

CSCI 1911 - Foundations of Programming

Prerequisite: Math 1105 or equivalent placement.

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.

Credit: 3

CSCI 2301 - Discrete Math for Computer Science

Prerequisite: Math 1130 or equivalent placement; CSCI 1911 or equivalent placement.

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.

Credit: 3

CSCI 2651 - Python for the Sciences

Prerequisite: MATH 1140 or MATH 1150 or equivalent placement

The goal of this course is to develop Python programming competency for students in the Sciences and Engineering. Students will learn to write code using the basic constructs of selection, looping, functions, and list handling. They will work with key packages to support scientific computing: numpy, scipy, and plotting libraries. Other libraries will be explored in projects tailored to specific domains of student interest.

Credit: 3

CSCI 2761 - 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 include incorporating social media, search engine optimization (SEO), structuring an e-commerce friendly web presence, and using current blogging platforms such as Wordpress or Drupal.

Credit: 3

CSCI 2911 - Computer Science I

Prerequisite: CSCI 1611 or 1911 or advisor approval; and MATH 1130 or concurrent.

The fundamentals of algorithmic problem solving, plus structured and object-oriented programming using the Java language. Topics include problem analysis and decomposition; stepwise refinement; pseudocode and charting techniques; basic control structures and data types; regular expressions and data validation; modularization and parameter passing; object-oriented design and classes; ASCII text files; arrays and ArrayLists; testing and debugging. CSCI 2916 lab reinforces these topics with extensive programming assignments.

Credit: 3

CSCI 2912 - Computer Science II

Prerequisite: CSCI 2911; CSCI 2301 or concurrent.

An intermediate problem-solving and programming course using the Java programming language. Topics include composite and abstract data structures; GUIs and event-driven programming; inheritance and polymorphism; abstract classes and methods; interfaces; error handling using exceptions; binary files; recursion; and key software engineering practices such as: defensive programming, documentation, code design based on user specification, refinement, and testing. These topics are reinforced through extensive programming assignments. This course builds on CSCI 2911 and provides foundational material for CSCI 2913.

Credit: 3

CSCI 2913 - Data Structures

Prerequisite: CSCI 2912; CSCI 2301.

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.

Credit: 3

CSCI 2916 - Computer Science I Lab

Prerequisite: CSCI 2911 or concurrent.

Lab component to accompany CSCI 2911. This course will provide directed lab projects for students to exercise and to reinforce their understanding of the content of CSCI 2911 and to develop their skills in creating and debugging computer programs.

Credit: 1

CSCI 3001 - Assembly Language and Systems Programming

Prerequisite: CSCI 2911; CSCI 2301.

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.

Credit: 3

CSCI 3101 - Algorithms

Prerequisite: CSCI 2913; CSCI 2301.

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; breadth and depth-first search; Dijkstra's shortest-path algorithm; minimum spanning trees, Prim's algorithm; maximum network flow; dynamic programming; NP-complete problems and the P and NP classes; and the halting problem as an example of a provably unsolvable problem. In-depth programming assignments.

Credit: 3

CSCI 3106 - Programming Challenges

Prerequisite: CSCI 2911.

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.

Repeatable for up to 9 credits

Credit: 3

CSCI 3211 - Systems Analysis

Prerequisite: CSCI 2912; CSCI 3201 or 3301.

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.

Credit: 3

CSCI 3242 - Modeling and Simulation

Prerequisite: CS 2911; CSCI 2301; MATH 1123; MATH 1140 or 1150; and consent of instructor.

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.

Credit: 3

CSCI 3301 - Database Technologies

Prerequisite: CSCI 2911. Recommended: CSCI 3201 or MIS 2000.

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.

Credit: 3

CSCI 3302 - Machine Learning and Knowledge Discovery

Prerequisite: CSCI 2913; CSCI 2301; MATH 1123; MATH 3305.

Machine learning is the science of data mining and knowledge discovery using algorithms that enable computers to develop knowledge from empirical data. In the past decade, machine learning methodologies have successfully enabled computers to recognize speech and hand-written characters, to convert spoken words to text, to effectively search for information, and to recommend products, books, or movies we may like. Topics include linear and logistic regression, clustering, Bayesian methods, support vector machines, kernel methods, decision trees, and learning theory.

Credit: 3

CSCI 3401 - Data Communications

Prerequisite: CSCI 2912; CSCI 2301; Recommended: Math 1123.

An introduction to fundamental concepts in the design and implementation of computer communication networks, their protocols, and applications. Topics to be covered include: overview of network architectures, applications (HTTP, FTP, SMTP, POP3), network programming interfaces (e.g., sockets), transport (TCP, UDP), flow control, congestion control, IP, routing, data link protocols, error detection/correction, multiple access, LAN, Ethernet, wireless networks, and cloud/edge computing.

Credit: 3

CSCI 3501 - Computer Organization

Prerequisite: CSCI 3001; CSCI 2301.

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.

Credit: 3

CSCI 3601 - Operating Systems

Prerequisite: CSCI 3501.

An introductory course on the design and implementation of operating systems. The course describes concepts of operating systems in terms of functions, structure, and implementation. Topics include process coordination, parallel vs. concurrent processes, deadlocks, memory management, device management, file systems, virtual machines, and network and distributed operating systems. Illustrates concepts with examples from existing operating systems. Concepts reinforced through computer simulations.

Credit: 3

CSCI 3611 - Unix Systems Administration

Prerequisite: CSCI 2301; CSCI 2911.

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.

Credit: 3

CSCI 3621 - Networking

Prerequisite: CSCI 3401; CSCI 3601.

This course describes how voice, data, image, and video information is communicated through networking, how it is accomplished, protocol and network configuration, and LAN system software.

Credit: 3

CSCI 3632 - Internet Programming

Prerequisite: CSCI 2912; Recommended: 3301.

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.

Credit: 3

CSCI 3640 - Computer Security and Information Assurance

Prerequisite: CSCI 2911; CSCI 2301.

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.

Credit: 3

CSCI 3651 - Game Programming

Prerequisite: CSCI 2911 and 2912.

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.

Credit: 3

CSCI 3721 - C#

Prerequisite: CSCI 2911 and 2912.

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.

Credit: 3

CSCI 3731 - Problem Solving and Programming Using C++

Prerequisite: CSCI 2911 and 2912.

An advanced problem-solving and programming course with emphasis on the systems programming features pro- vided by the C++ programming language. Objects, memory management, and systems programming are stressed. Extensive programming assignments are required.

Credit: 3

CSCI 3771 - Python

Prerequisite: CSCI 2911 and 2912.

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.

Credit: 3

CSCI 3776 - Ruby on Rails

Prerequisite: CSCI 2912.

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.

Credit: 3

CSCI 3911 - Software Engineering

Prerequisite: CSCI 2912; CSCI 3211.

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.

Credit: 3

CSCI 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level; *CSCI 2911, 2912.*

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the

department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

CSCI 4620 - Computer System Forensics

Prerequisite: CSCI 3401; CSCI 3640; CSCI 3001 or 3501.

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.

Credit: 3

CSCI 4640 - Advanced Topics in Cybersecurity

Prerequisite: CSCI 3401; CSCI 3640; CSCI 3001 or 3501.

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.

Credit: 3

CSCI 4701 - Introduction to the Theory of Computation

Prerequisite: CSCI 2301; CSCI 2911.

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.

Credit: 3

CSCI 4702 - Mobile Programming

Prerequisite: CSCI 2911, 2912.

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.

Credit: 3

CSCI 4705 - Artificial Intelligence

Prerequisite: CSCI 2911, 2912, and 2913.

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 will apply the solutions to solve problems not only in computer science but also in areas as diverse as biology, linguistics, philosophy, and art.

Credit: 3

CSCI 4706 - Deep Learning

Prerequisite: CSCI 3302, CSCI 3771, MATH 1123, MATH 2216, MATH 3305, or consent of instructor.

An introduction to deep learning, a branch of machine learning concerned with the development and application of modern neural networks. Deep learning algorithms extract layered high-level representations of data in a way that maximizes performance on a given task. Deep learning is behind many recent advances in AI, including Siri's speech recognition, Facebook's tag suggestions, and self-driving cars. The main topics in this course include: basic neural networks, convolutional neural networks (CNNs), recurrent neural networks (RNNs), long short-term memory (LSTM), reinforcement learning, and applications to problem domains like computer vision.

Credit: 3

CSCI 4911 - Software Project I

Prerequisite: CSCI 2913; CSCI 3301; CSCI 3401; CSCI 37XX; CSCI 3911 or consent of the instructor.

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.

Credit: 3

CSCI 4931 - Systems Administration

Prerequisite: CSCI 3601, 3621.

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.

Credit: 3

CSCI 4997 - Directed Readings in Computer Science

Prerequisite: Consent of instructor.

Directed individualized readings. May be repeated if content or topic is different.

Credit: 1 to 3

CYBS - Cybersecurity

CYBS 1000 - Cybersecurity Fundamentals

This course provides students with a broad foundation of information technology using lectures as well as hands-on lab exercises. Students who are interested in starting a career in IT, as well as those interested in the basics of IT for professional or personal development, are welcome to take this course. Having successfully completed this course, students will be prepared for the CompTIA IT Fundamentals+ certification.

Credit: 3

CYBS 2201 - Fundamentals of Cybersecurity

This course introduces preventive methods to protect information by understanding potential threats, vulnerability assessment, spyware, hacking, viruses, and malicious attacks. The course covers strategies including identity, risk, and incident management.

Credit: 3

CYBS 2202 - Fundamentals of Network Security

An overview of the underlying concepts of computer network security including local area network (LAN), server administration, routers, switches, firewalls, and tools to monitor internal/external network security, availability, and performance.

Credit: 3

CYBS 2203 - Secure Programming

Prerequisites: CSCI 2911, CSCI 2761.

This course is designed for programmers who are responsible for designing, building, and implementing secure applications integrating with a relational database. The emphasis is on the security of a single program accessed through a network or web service. Students will gain the knowledge and experience of programming and validating a secure and distributed application. Successful completion of this class will give students some of the basic tools in how to design and implement secure systems.

Credit: 3

CYBS 2210 - CompTIA A+

This course introduces students to computer hardware and software, as well as Windows operating systems, networking concepts, mobile devices, IT security and troubleshooting. This course will help students prepare to take the CompTIA A+ Core Series certification examinations (exam numbers 220-1001 and 220-1002).

Credit: 3

CYBS 2220 - CompTIA Network +

The course will provide the knowledge and skills required to troubleshoot, configure, and manage common network wireless and wired devices, establish basic network design and connectivity, understand and maintain network documentation, identify network limitations and weaknesses, and implement network security, standards, and protocols. The candidate will have a basic understanding of emerging technologies including unified communications, mobile, cloud, and virtualization technologies. The course is designed to help you prepare for the Comp TIA Network+ (N 10-007) Certification Exam.

Credit: 3

CYBS 2230 - CompTIA Security +

The Comp TIA Security+ course will provide students with the knowledge and skills required to identify risk, to participate in risk mitigation activities, and to provide infrastructure, application, information, and operational security. In addition, the student will apply security controls to maintain confidentiality, integrity, and availability, identify appropriate technologies and products,

troubleshoot security events and incidents, and operate with an awareness of applicable policies, laws, and regulations. The course is designed to help you prepare for the Comp TIA Security+ SYO- 601 Certification Exam.

Credit: 3

CYBS 2240 - Cisco Cybersecurity Operations

This course covers security concepts, common network and application operations attacks, and types of data needed to investigate security incidents. It addresses how to monitor alerts and breaches and understand and follow established procedures for response to alerts converted to incidents. Through a combination of lectures, hands-on labs, and self-study, you will learn the essential skills, concepts, and technologies to be a contributing member of a Cybersecurity Operations Center (SOC) including understanding the IT infrastructure, operations, and vulnerabilities. This course helps you prepare for the Cisco Certified CyberOps Associate certification.

Credit: 3

CYBS 3030 - Programming for Cybersecurity

Prerequisites: CSCI 1611 or CSCI 2911; and CYBS 3500

The purpose of this course is to introduce the students to the fundamental concepts of programming as needed by the cybersecurity professional. Students will learn the basic concepts of program design, data structures, programming, problem solving, programming logic, and fundamental design techniques for event-driven programs.

Credit: 3

CYBS 3070 - IT Systems Architecture

Prerequisites: CYBS 2210

This course introduces IT infrastructure issues for students majoring in cybersecurity. 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.

Credit: 3

CYBS 3250 - Cloud+ Security

Prerequisites: CYBS 1000, CYBS 2210, and CYBS 2220

This course will provide students with the knowledge and skills required to incorporate and manage cloud technologies as part of broader systems operations. Students will learn to weave together solutions that meet specific business needs and work in a variety of different industries. The course focuses on new technologies that support the changing cloud market as more organizations depend on cloud-based technologies to run mission critical systems. It validates the skills needed to deploy and automate secure cloud environments that support the high availability of business systems and data.

Credit: 3

CYBS 3300 - Windows and Linux Server Security

Prerequisites: CYBS 1000 and CYBS 2210

This course provides an in-depth examination of Windows and Linux servers. Students will learn to manage servers, configure operating systems, and implement virtualization. They will apply network security techniques, manage disaster recovery, and implement backup procedures. Students will also diagnose and resolve server hardware, software, security, and connectivity issues. The course focuses on multi-vendor products and is based on information technology industry standards. The course explores the skills of professionals who install, manage, and troubleshoot servers in data centers and cloud computing environments.

Credit: 3

CYBS 3350 - Hackathon

Prerequisites: CYBS 3500

Hackathons provide participants with a means to use their design, development, analysis, and presentation skills to create novel solutions for challenges that people and organizations face. This course will prepare you to participate in one or more of these challenges, giving you the opportunity to use your tech and people skills to provide a positive impact on society.

Credit: 3

CYBS 3500 - Secure Web Application Development

Prerequisites: CYBS 2203 and CSCI 3301

The course will cover web application development with particular emphasis on security and usability. Students will receive a strong background in JavaScript to build their web applications. Other topics include a review of basic HTML, CSS, frameworks, other web development languages, and database back ends.

Credit: 3

CYBS 3600 - Database Administration

Prerequisites: CSCI 3301

This course provides students with an intensive introduction to the world of a database administrator (DBA) within an enterprise. Students will explore typical DBA tasks regarding setting up the database environment, designing and implementing an efficient database structure, managing database security, privacy, and performance, and planning for expansion and business continuity.

Credit: 3

CYBS 3620 - Computer Systems Forensics

Prerequisites: CSCI 3640 and LAW 3720 (concurrent enrollment allowed).

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 cybersecurity teaching and research.

Credit: 3

CYBS 3750 - Ethical Hacking

Prerequisites: CYBS 2210, CYBS 2220, CYBS 2230, CYBS 2240

In this course students will learn vulnerability scanning, passive and active reconnaissance, and vulnerability management. This course provides an in-depth examination of network attacks, wireless attacks, application-based attacks, and attacks on cloud computing systems. Students will learn to identify scripts in multiple software deployments, analyze various scripts and code samples, explain the tools used in a penetration test, and perform post-exploitation procedures. Students will also explore penetration testing skills for traditional physical environments, cloud computing environments, web applications, and the Internet of Things (IoT).

Credit: 3

CYBS 3990 - Internship

Prerequisites: At least a 2.7 GPA for undergraduate level

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the

department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Credit: 3

CYBS 3998 - Special Topics in Cybersecurity

Prerequisites: A grade of C- or better in any WCIL1 course, or HON 1000, or a score of 630+ in SAT Evidence Based Reading or Writing, or a score of 28+ in ACT English.

This course will cover specialized or emerging topics in cybersecurity that are not covered elsewhere in the Cybersecurity program as well as provide the opportunity to keep the program current by introducing new and in-demand topics in cybersecurity. This course can be repeated twice by the student if the topic of the course is different.

Credit: 3

CYBS 4900 - Seminar in Cybersecurity

Prerequisites: Instructor Permission.

This course serves to synthesize the knowledge gained from each course in the cybersecurity program. The course provides students with an integration of acquired knowledge of theory to practical application. The goal is to apply principles of interagency cooperation, critical thinking, and systems approaches to solve practical problems in the cybersecurity environment. Students will assess the impact of their education experience on their professional competency and values, critical thinking, problem solving, communication, information utilization, and collaboration skills. Topics include problem solving, case study and analysis, teamwork, and professional writing.

Credit: 3

DPT - Doctor of Physical Therapy

DPT 8110 - Human Anatomy I

Prerequisites: Admission to Doctor of Physical Therapy Program

Introduces foundational knowledge of gross anatomy and neuroanatomy. Explores the clinical application of embryology, histology, and joint structure and function and the forces that affect human movement across the lifespan within a systems approach emphasizing the musculoskeletal, vascular, and neurological aspects of the extremities, cervical, and lumbar regions. Course activities include 3-dimensional anatomy software, living/surface anatomy, and cadaver prosections as available. This course addresses the content of the muscular, vascular, and neurological systems across regions, including the lumbar and cervical spines, pelvis, and extremities. Emphasis is on the neuromuscular and musculoskeletal anatomy.

Credit: 4

DPT 8120 - Human Anatomy II

Prerequisites: Admission to Doctor of Physical Therapy Program

Expands upon the foundational knowledge of gross anatomy and neuroanatomy of Human Anatomy I. Explores the clinical application of embryology, histology, and joint structure and function and the forces that affect human movement across the lifespan within a systems approach emphasizing the musculoskeletal, vascular, and neurological aspects of the thorax, abdominal, pelvic, and cranio-facial regions. Course activities include 3-dimensional anatomy software, living/surface anatomy, and anatomical models. Students will have the opportunity to study the gross anatomy of the central and autonomic nervous systems, along with the muscular, vascular, and neurological systems of the thorax and craniofacial regions. Selected vascular, neurological and visceral components of the digestive, cardiopulmonary, and urogenital systems are also included in this course.

Credit: 3

DPT 8130 - Human Physiology

Prerequisites: Admission to Doctor of Physical Therapy Program

Explores the physiology and pathophysiology of the cellular, integumentary, neuromuscular, cardiovascular, and pulmonary systems. Studies medical physiologic principles necessary for physical activity and the associated effects of physical activity on health and wellness across the lifespan.

Credit: 3

DPT 8140 - Clinical Neuroscience I

Prerequisites: Admission to Doctor of Physical Therapy Program

Explores the neuroscience of the movement system, with emphasis on the neuroanatomical structures and neurophysiological functions of the motor and sensory systems that regulate movement.

Credit: 1

DPT 8150 - Clinical Neuroscience II

Prerequisites: Admission to Doctor of Physical Therapy Program

Applies the neuroscience of the movement system, with emphasis on the neuroanatomical structures and neurophysiological functions of the motor and sensory systems that regulate movement. Lab activities emphasize elements of the neurologic examination and an introduction to common outcome measures and assessment tools.

Credit: 2

DPT 8210 - Physical Therapy Fundamentals

Prerequisites: Admission to Doctor of Physical Therapy Program

Prepares students for patient care activities including, patient-centered communication, assessing vital signs, body mechanics awareness, patient positioning and draping, transfers, assistive device training, and basic exercise. Learners will be introduced to fundamental physical therapy skills for various clinical settings and a patient management framework used throughout the curriculum. Psychomotor skills that are foundational to examination and evaluation are introduced, including vital signs, goniometry, range of motion, muscle testing, and anthropometric measures. Students will develop patient interview and documentation skills, perform examination tests and measures, and use standardized patient outcome measures.

Credit: 3

DPT 8220 - Movement Science

Prerequisites: Admission to Doctor of Physical Therapy Program

Introduces students to the fundamentals of movement science, offers a framework for understanding normal and abnormal movement, and includes kinesiology, neuroscience, physiology, motor control, and motor learning concepts. The course will integrate theory and basic principles of motor behavior, motor development, motor control, and motor learning as they relate to human motor performance and gait across the lifespan. Emphasis is on the integration of theory, structured movement analyses of activities performed in daily life, and the International Classification of Functioning, Disability, and Health (ICF) model to inform clinical decision-making in physical therapist practice.

Credit: 2

DPT 8230 - Therapeutic Interventions I

Prerequisites: Admission to Doctor of Physical Therapy Program

Introduces and integrates musculoskeletal biomechanical principles to joint structure and function, movement analysis, and therapeutic interventions. Introduces the principles and application of therapeutic exercise and manual therapy for the management of patients with pain and mobility impairments. Integrates current evidence and clinical decision-making to emphasize appropriate selection, instruction, assessment, and progression of interventions.

Credit: 3

DPT 8240 - Therapeutic Interventions II

Prerequisites: Admission to Doctor of Physical Therapy Program

Introduces the principles and application of selected physical agents for the management of patients with pain and tissue injury while addressing impairments related to mobility, strength, and motor control. Integrates current evidence and clinical decision-making to emphasize appropriate selection, instruction, and progression of interventions.

Credit: 3

DPT 8250 - Health Promotion & Fitness Management

Prerequisites: Admission to Doctor of Physical Therapy Program

Introduces prevention, health, wellness, and fitness as they relate to injury prevention, nutritional influences, fitness testing, and exercise prescription in a healthy population. Students develop injury prevention and exercise programs based on test results and adapt the execution to specific healthy populations using proper clinical procedures.

Credit: 2

DPT 8260 - Advanced Therapeutic Interventions

Prerequisites: Admission to Doctor of Physical Therapy Program

Expands on the students' management of patients with movement system dysfunctions including techniques related to spinal stabilization, movement impairments, and soft tissue dysfunction. Interventions include a progression of contemporary therapeutic exercise and manual therapy skills. Emphasis will be placed on analysis and integration of current best evidence into the patient's plan of care. Course activities include case scenarios to challenge clinical reasoning for the progression of comprehensive treatment plans.

Credit: 2

DPT 8270 - Integrative Pain Sciences

Prerequisites: Admission to Doctor of Physical Therapy Program

Provides an overview of supporting persons with persistent pain syndromes associated with neuromusculoskeletal disorders and psychosocial factors using emerging and evidence-based concepts of pain assessment, treatment, and outcomes. Using contemporary models, this course reflects the interprofessional consensus of core competencies for prelicensure health professions education in patient management and emphasizes a comprehensive pain management approach to optimize patient outcomes.

Credit: 2

DPT 8310 - Evidence-based Practice I

Prerequisites: Admission to Doctor of Physical Therapy Program

Introduces the foundation to general research and evidence-based principles by exploring research methodologies and outcome measures used in health care. Introduces foundational concepts of scientific inquiry for clinicians with creating clinical questions, searches appropriate literature sources, and assesses the evidence quality.

Credit: 2

DPT 8320 - Evidence-based Practice II

Prerequisites: Admission to Doctor of Physical Therapy Program

Expands elements of applied research design and statistics that foster students to become intelligent consumers of scientific literature. Items related to measurement, research design, statistical analysis, critical inquiry, and strength of evidence are presented.

Credit: 2

DPT 8330 - Capstone I

Prerequisites: Admission to Doctor of Physical Therapy Program

Integrates and applies cumulative knowledge gained from previous didactic courses and clinical experiences. By developing a professional portfolio, students will be engaged in reflective practice that includes integration of content learned across the curriculum, direct application relative to patient interactions, clinical experiences, APTA core values, and professional growth since commencing their DPT education.

Credit: 1

DPT 8340 - Capstone II

Prerequisites: Admission to Doctor of Physical Therapy Program

Integrates and applies cumulative knowledge gained from all previous didactic courses and clinical experiences. Students will develop a study plan and take a comprehensive exam simulating the National Physical Therapy Licensure Examination.

Credit: 1

DPT 8410 - Professionals Competencies I

Prerequisites: Admission to Doctor of Physical Therapy Program

Introduces students to the professional roles and responsibilities of the physical therapist and the interprofessional healthcare team. Integrates emotional/social intelligence, concepts of flourishing, learning theories, learning styles, characteristics of learners through the lifespan, and literacy and communication issues for patients. This course prepares students for the professional curriculum and clinical practice as life-long learners.

Credit: 1

DPT 8420 - Professionals Competencies II

Prerequisites: Admission to Doctor of Physical Therapy Program

Prepares students professionally for physical therapy clinical practice, including roles as a lifelong learner, advocate, and clinical educator. Explores major forms of healthcare delivery and how they interact with physical therapy services, including but not limited to medical ethics, health care regulations, and risk management strategies. This course blends topics that explore communication, individual and cultural differences, professional behavior and abilities, ethics, legal issues, and risk management within patient care.

Credit: 2

DPT 8440 - Business Management & Entrepreneurship

Prerequisites: Admission to Doctor of Physical Therapy Program

Provides an overview of practice management fundamentals and applies principles to various aspects of leadership and personal development, strategic planning, and business operations. Students gain knowledge in health care management, leadership, strategic planning, human resources, finance, organizational structures, and fiscal management as it relates to physical therapy practice.

Credit: 3

DPT 8510 - Musculoskeletal Practice I

Prerequisites: Admission to Doctor of Physical Therapy Program

Initiates the clinical application of biomechanics, functional movement, and examination principles for neuromusculoskeletal dysfunction of the lumbar spine, pelvis, and hip regions. Concentrates on the application of psychomotor skills related to regional palpation, examination, and evidence-based interventions emphasizing patient education, manual therapy, and therapeutic exercise in a patient-centered approach across the lifespan.

Credit: 3

DPT 8520 - Musculoskeletal Practice II

Prerequisites: Admission to Doctor of Physical Therapy Program

Explores the clinical application of biomechanics, functional movement, and examination principles for neuromusculoskeletal dysfunction of the lower extremities. Concentrates on the application of psychomotor skills related to regional palpation, examination, and evidence-based interventions emphasizing patient education, manual physical therapy, and therapeutic exercise in a patient-centered approach across the lifespan.

Credit: 3

DPT 8530 - Musculoskeletal Practice III

Prerequisites: Admission to Doctor of Physical Therapy Program

Explores the clinical application of biomechanics, functional movement, and examination principles for neuromusculoskeletal dysfunction of the cervicothoracic region. Concentrates on the application of psychomotor skills related to regional palpation, examination, and evidence-based interventions emphasizing patient education, manual physical therapy, and therapeutic exercise in a patient-centered approach across the lifespan.

Credit: 3

DPT 8540 - Musculoskeletal Practice IV

Prerequisites: Admission to Doctor of Physical Therapy Program

Explores the clinical application of biomechanics, functional movement, and examination principles for neuromusculoskeletal dysfunction of the upper extremities. Concentrates on the application of psychomotor skills related to regional palpation, examination, and evidence-based interventions emphasizing patient education, manual physical therapy, and therapeutic exercise in a patient-centered approach across the lifespan.

Credit: 3

DPT 8610 - Neuromuscular Practice I

Prerequisites: Admission to Doctor of Physical Therapy Program

Focuses on the physical therapy management of common neurological health conditions that result in impairments in body structure/function, activity limitations and participation restrictions. Emphasis is placed on interventions utilizing a functional task-oriented approach with the application and integration of motor control/learning, neuroplasticity, movement analysis, evidence-based practice, and the patient/client management model.

Credit: 2

DPT 8620 - Neuromuscular Practice II

Prerequisites: Admission to Doctor of Physical Therapy Program

Continues with the physical therapy management of neurological health conditions that result in impairments in body structure/function, activity limitations and participation restrictions and expands to include specialty areas of neurologic physical therapy. Emphasis is placed on interventions utilizing a functional task-oriented approach with the application and integration of motor control/learning, neuroplasticity, movement analysis, evidence-based practice, and the patient/client management model.

Credit: 3

DPT 8630 - Bracing, Orthotics, and Prosthetics

Prerequisites: Admission to Doctor of Physical Therapy Program

Introduces concepts of materials, design, fabrication, and technology of braces/orthotic/prosthetic devices and provide opportunities for clinical decision making relating to using these devices in physical therapy practice. Course activities emphasize gait analysis, movement analysis, residual limb management, wearing/fitting of orthotics/prosthetics, the importance of interprofessional collaboration, and the psychological considerations of the patient with orthotic/prosthetic devices through the lifespan.

Credit: 2

DPT 8640 - Management of the Aging Adult

Prerequisites: Admission to Doctor of Physical Therapy Program

Introduces the physiologic changes of aging and sociologic and economic consequences of an aging population. Reviews natural aging processes and how complicating factors such as vascular compromise, fall risk, and comorbidities negatively impact the aging adult. Course activities focus patient management skills on the aging adult patient.

Credit: 3

DPT 8650 - Management of the Pediatric Patient

Prerequisites: Admission to Doctor of Physical Therapy Program

Using a frame-work of normal development from birth to young adulthood, this course presents fundamental concepts for the physical therapy management of children and adolescents with musculoskeletal, neurological, and cardiopulmonary dysfunction. Topics include atypical developmental and associated impairments, functional limitations and participation restrictions. Topics of family centered care, advocacy, and assistive technologies are implicit in this course.

Credit: 3

DPT 8660 - Primary Care Physical Therapy

Prerequisites: Admission to Doctor of Physical Therapy Program

Explores the physical therapist's role as an interdependent practitioner working within an interprofessional and collaborative medical model. Presenting the clinical tools and decision-making processes necessary to more efficiently and effectively collect, evaluate, and communicate examination data while promoting differential diagnostic principles and clinical decision-making.

Credit: 2

DPT 8710 - Pharmacology

Prerequisites: Admission to Doctor of Physical Therapy Program

Introduces pharmacologic principles, the study of prescription and/or over-the-counter medications used in the management of a variety of patient conditions encountered during physical therapy management, and their impact on patient management across the lifespan. The impact of medications on patient presentations, timing of rehabilitation sessions, and physical therapy outcomes are emphasized. Content included cardiovascular, pulmonary, neurological, gastrointestinal, musculoskeletal, urogenital, rheumatologic, and integumentary systems.

Credit: 2

DPT 8720 - Cardiopulmonary Practice

Prerequisites: Admission to Doctor of Physical Therapy Program

Explores the management of patients with cardiovascular, metabolic, and pulmonary causes of movement system dysfunction across a variety of clinical settings. Course activities include, but are not limited to, ECG analysis, exercise testing, heart and lung auscultation, lung function testing, and chest examinations. Case discussions are presented to enhance communication, safety, patient management skills, and discharge planning.

Credit: 4

DPT 8730 - Management of Complex Patients

Prerequisites: Admission to Doctor of Physical Therapy Program

Introduces patient management strategies for the medically complex patient. Community-based strategies and outpatient management for patients with primary disease or comorbidities of the cardiovascular, pulmonary, metabolic, oncologic, lymphatic, and integumentary systems are emphasized. Students will design individual and community-based interventions for effective screening and disease management

Credit: 4

DPT 8810 - Advanced Diagnostics

Prerequisites: Admission to Doctor of Physical Therapy Program

Integrates concepts of advanced diagnostic testing and imaging of the major systems of the body regions related to physical therapy practice. Specific content reviews diagnostic ultrasound, magnetic resonance imaging, computed tomography, nuclear medicine, and radiographs. Rationale and guidelines for examination selection are introduced, and clinical scenarios provide an emphasis on critical thinking regarding the utility and interpretation of medical diagnostic tests

Credit: 2

DPT 8910 - Physical Therapy Practice I

Prerequisites: Admission to Doctor of Physical Therapy Program

Develops student examination, evaluation, and intervention skills during an 8-week mentored clinical experience. The student begins to communicate with patients/clients, family, and other professionals in healthcare and begins to appreciate the role of each team member. This is an integrated clinical experience which builds on the didactic and psychomotor courses within the

curriculum. This clinical experience is the first practice experience where students are exposed to evidence-based patient management and clinical reasoning skills as an adult learner and a healthcare professional as part of an interprofessional collaborative team.

Credit: 8

DPT 8920 - Physical Therapy Practice II

Prerequisites: Admission to Doctor of Physical Therapy Program

Advances the student's ability to perform examination, evaluation, and intervention skills during an 8-week mentored clinical internship. The student further develops the ability to communicate with patients/clients, family, and other healthcare professionals. Emphasizes evidence-based patient management and clinical reasoning skills as an adult learner and a healthcare professional as part of an interprofessional collaborative team.

Credit: 8

DPT 8930 - Physical Therapy Practice III

Prerequisites: Admission to Doctor of Physical Therapy Program

Progresses students to entry-level patient management skills during an 8-week mentored clinical experience. The student refines the ability to communicate with patients/clients, family, and healthcare professionals. This course emphasizes evidence-based patient management and clinical reasoning skills as an adult learner and a healthcare professional as part of an interprofessional, collaborative team.

Credit: 8

DPT 8940- Physical Therapy Practice IV

Prerequisites: Admission to Doctor of Physical Therapy Program

Progresses students to entry-level patient management skills during a final 8-week mentored clinical experience. This course emphasizes evidence-based patient management and clinical reasoning skills as an adult learner and a healthcare professional as part of an interprofessional collaborative team. The student will demonstrate consistent and effective time management abilities in treating patients and procuring accurate documentation.

Credit: 8

ECON - Economics

ECON 1000 - 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.

Credit: 3

ECON 1010 - 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.

Credit: 3

ECON 2010 - 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.

Credit: 3

ECON 2015 - 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.

Credit: 3

ECON 3010 - Intermediate Microeconomics

Prerequisite: ECON 2010, 2015; MATH 2214 or 2326; any WC&IL II course.

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.

Credit: 3

ECON 3015 - Intermediate Macroeconomics

Prerequisite: ECON 2010, 2015; MATH 1130 or higher; any WC&IL II course.

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.

Credit: 3

ECON 3020 - Managerial Economics

Prerequisite: ECON 2010, 2015; MATH 1123, 2326.

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.

Credit: 3

ECON 3100 - Introduction to Econometrics

Prerequisite: ECON 2010, 2015; MATH 1123; any WC&IL II course.

A study of the analysis of quantitative data, with special emphasis on the application of statistical methods to economic and business problems.

Credit: 3

ECON 3110 - Game Theory

Prerequisite: A grade of C- or higher in any WC&IL II course; ECON 2010.

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.

Credit: 3

ECON 3200 - Industrial Organization

Prerequisite: ECON 2010 and 2015.

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.

Credit: 3

ECON 3220 - Labor Economics

Prerequisite: A grade of C- or higher in any WC&IL II course; ECON 2010 and 2015.

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.

Credit: 3

ECON 3300 - Money and Banking

Prerequisite: A grade of C- or higher in any WC&IL II course; ECON 2010 and 2015.

A focus on the study of money: its nature, its function in society, and 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.

Credit: 3

ECON 3310 - Public Finance

Prerequisite: ECON 2010 and 2015 (may be taken concurrently); any WC&IL II course.*

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.

Credit: 3

ECON 3400 - International Trade and Finance

Prerequisite: ECON 2010 and 2015; any WC&IL II course.

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.

Credit: 3

ECON 3409 - Contemporary Issues in the Hawai‘i Economy

Prerequisite: ECON 2010 or 2015. Undergraduate standing.

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, and Hawaiian sovereignty.

Credit: 3

ECON 3410 - International Monetary Relations

Prerequisite: ECON 2010 and 2015.

An advanced course surveying topics in international monetary relations. Topics include: balance of payments, foreign exchange markets, international payments adjustment, and past and present international and European monetary arrangements.

Credit: 3

ECON 3420 - Economic Development

Prerequisite: A grade of C- or higher in any WC&IL II course; ECON 2010 and 2015.

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.

Credit: 3

ECON 3430 - Environmental Economics

Prerequisite: A grade of C- or higher in any WC&IL II course; ECON 2010.

Economic principles applied to the analysis of contemporary environmental problems and their potential solutions.

Credit: 3

ECON 3500 - History of Economic Thought

Prerequisite: A grade of C- or higher in any WC&IL II course; ECON 2015.

An examination of the historical underpinnings of the private enterprise system and 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.

Credit: 3

ECON 3900 - Economic Issues of Asia

Prerequisite: A grade of C- or higher in any WC&IL II course; ECON 2015.

Contemporary issues such as trade, immigration, development, and international institutions of concern to Asian economies.

Credit: 3

ECON 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

ECON 4450 - The World Economy

Prerequisite: ECON 2010 and 2015; any WC&IL II course.

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.

Credit: 3

ECON 4900 - Seminar in Economics

Prerequisite: ECON 3010 or 3020; ECON 3015. Senior standing.

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.

Credit: 3

ECON 4997 - Directed Readings in Economics

Directed individualized readings. May be repeated if content or topic if different.

Credit: 1 to 3

ECON 6000 - Economics for Business

Prerequisite: ECON 2010 and MATH 1123, or equivalents. Graduate standing.

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.

Credit: 3

ECON 6001 - Economics of Global Competitiveness and Strategy

Prerequisite: MGMT 6002. Graduate standing.

This course is based on materials developed by the Institute for Strategy and Competitiveness at Harvard Business School. This course explores the determinants of national and regional competitiveness. The course probes the ultimate determinants of a region’s productivity, rooted in firm strategies, cluster vitality, and the quality of competition.

Credit: 3 to 4

ECON 6400 - International Trade and Finance

Prerequisite: ECON 6000. Graduate standing.

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, and issues and prospects.

Credit: 3

ECON 6410 - International Financial Markets

Prerequisite: ECON 6000. Graduate standing.

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.

Credit: 3

ECON 6990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 9 credit hours.

Credit: 1 to 3

ECON 6997 - Directed Readings in Economics

Prerequisite: Graduate standing

Directed individualized readings. May be repeated if content or topic is different.

Credit: 1 to 3

ED - Education

ED 3000 - Foundations of American Education

Prerequisite: C- or higher in any WC&IL II course and Advisor approval required.

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.

Credit: 3

ED 3040 - Mathematics Concepts for Elementary Teachers

Prerequisite: C- or higher in any WC&IL II course and Advisor approval required.

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.

Credit: 3

ED 3100 - Child and Adolescent Development for Educators

Prerequisite: C- or higher in any WC&IL II course and Advisor approval required.

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.

Credit: 3

ED 3120 - Educational Psychology for Elementary Education

Prerequisite: C- or higher in any WC&IL II course or HON 1000.

Educational Psychology is a branch of psychology that is concerned with understanding and improving how students acquire a variety of capabilities through formal instruction in classroom settings. Students will explore factors that psychological theories are concerned with and that affect how teachers teach and students learn, included the learner's physical, social, emotional, and cognitive development; cultural, social, emotional differences; learning and problem-solving processes; self-esteem; motivation; testing; and measurement to formulate effective instructional lessons.

Credit: 3

ED 3200 - Education Research and Writing

Prerequisite: C- or higher in an y WC&IL II course and admission to the B. Ed. in Elementary Education Program or consent.

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.

Credit: 3

ED 3300 - Introduction to Teaching

Prerequisite: C- or higher in any WC&IL II course and Advisor approval required.

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.

Credit: 3

ED 3310 - Foundations of Culturally Based Education in Hawai‘i

Prerequisite: Completion of all General Education requirements, C- or higher in any WC&IL II course, and formally admitted into the School of Education.

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 *Nā Honua Mauli 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.

Credit: 3

ED 3400 - Arts for Elementary Education

Prerequisite: C- or higher in any WC&IL II course.

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.

Credit: 3

ED 3420 - Language Arts I: Reading, Writing and Oral Communication

Prerequisite: C- or higher in any WC&IL II course, admission to the B.Ed. in Elementary Education Program or consent.

This course is an introduction to the processes of reading, writing, and oral communication development, emphasizing methods, strategies, and materials for teaching literacy skills in elementary (K-6) education. Major areas of focus include curriculum theory and practice, instructional design, assessment of student learning, and reflective teaching. Attention will be given to the formation and effectiveness of integrating reading, writing, and oral communication skills to enhance and enrich student learning.

Credit: 3

ED 3421 - Language Arts II: Reading, Writing and Oral Communication

Prerequisite: C- or higher in any WC&IL II course, admission to the B.Ed. in Elementary Education Program or consent.

This course further expands on the processes of reading, writing, and oral communication development, emphasizing methods, strategies, and materials for teaching literacy skills in elementary (K-6) education. More in-depth focus on curriculum theory and practice, instructional design, assessment of student learning, and reflective teaching will be provided. Examination will be given to the benefits of a reading, writing, and oral communication integrated skills approach for overall effective student learning.

Credit: 3

ED 3430 - Foundations of English Language Learning

Prerequisite: C- or higher in any WC&IL II course, admission to the B.Ed. in Elementary Education Program or consent.

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.

Credit: 3

ED 3440 - Mathematics for Elementary Education

Prerequisite: C- or higher in any WC&IL II course, admission to the B.Ed. in Elementary Education Program or consent.

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.

Credit: 3

ED 3450 - Science for Elementary Education

Prerequisite: C- or higher in any WC&IL II course, admission to the B.Ed. in Elementary Education Program or consent.

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.

Credit: 3

ED 3460 - Social Studies for Elementary Education

Prerequisite: C- or higher in any WC&IL II course, admission to the B.Ed. in Elementary Education Program or consent.

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.

Credit: 3

ED 3500 - Service Learning in Elementary Education

Prerequisite: C- in any WC&IL II course, and Advisor approval required.

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.

Repeatable for up to 3 credits.

Credit: 1 to 3

ED 3600 - Foundations of Special Education

Prerequisite: C- in any WC&IL II course, Admission to the B.Ed. in Elementary Education Program or consent.

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.

Credit: 3

ED 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level .

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 credits.

Credit: 1-3

ED 4510 - Elementary Clinical Experience Seminar

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.

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.

Credit: 3

ED 4511 - Elementary Clinical Experience I

Prerequisite: Completion of all major courses for the B.Ed. degree and a passing score on the PRAXIS II Content Knowledge Test.

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.

Credit: 3-12

ED 4512 - Elementary Clinical Experience II

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.

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.

Credit: 3 to 9

ED 6000 - The Professional Educator

Prerequisite: Graduate standing.

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.

Credit: 3

ED 6100 - Educational Psychology

Prerequisite: Graduate standing.

Students will explore factors that psychological theories are concerned with and that affect how teachers teach and students learn, included the learner's physical, social, emotional, and cognitive development; cultural, social, emotional differences; learning and problem-solving processes; self-esteem; motivation; testing; and measurement to formulate effective instructional lessons.

Restricted to MED students.

Credit: 3

ED 6200 - Introduction to Educational Research

An introduction to the scholarship of teaching and learning. This course engages candidates in disciplined reflection about teaching and learning. Candidates conduct research to study the problems or issues in education, collect, analyze and interpret data, communicate results in academic writing, and engage in self-reflection and peer review.

Restricted to MED Students.

Credit: 3

ED 6300 - Introduction to Teaching

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.

Restricted to MED Students

Credit: 3

ED 6310 - Culturally-Responsive Education in Hawai‘i

Prerequisite: Graduate standing.

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 *Nā Honua Mauli 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.

Credit: 3

ED 6401 - Elementary Curriculum I: Language Arts

An introduction to teaching strategies that facilitate effective learning experiences in elementary language arts, and reading classes. Major areas of focus include curriculum theory and practice, instructional design, classroom management, and assessment techniques.

Restricted to MED Students.

Credit: 3

ED 6402 - Elementary Curriculum II: Math and Science

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.

Restricted to MED Students.

Credit: 3

ED 6403 - Elementary Curriculum III: Social Studies and the Arts

Prerequisite: Graduate standing.

An introduction to teaching strategies that facilitate and An introduction to teaching strategies that facilitate effective learning experiences in Social Studies and the Art classes. Major areas of focus include curriculum theory and practice, instructional design assessment of student learning, interdisciplinary learning, and reflective teaching.

Restricted to MED students.

Credit: 3

ED 6420 - English Curriculum and Instruction

Prerequisite: Graduate standing.

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.

Credit: 3

ED 6430 - The English Language Learner

Prerequisite: Graduate standing.

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.

Credit: 3

ED 6440 - Math Curriculum and Instruction

Prerequisite: Graduate standing.

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.

Credit: 3

ED 6450 - Science Curriculum and Instruction

Prerequisite: Graduate standing.

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.

Credit: 3

ED 6460 - Social Studies Curriculum and Instruction

Prerequisite: Graduate standing.

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.

Credit: 3

ED 6463 - Economics for Hawaii Teachers

Prerequisite: Graduate standing. Chair/Dean approval required.

This course provides an introduction to teaching economics. The course is aimed at both future and current Hawaii social studies and economics teachers. The course will provide instruction on the economic principles in the National Council for Economic Education's Voluntary Content Standards in Economics. Included within these standards are disciplinary concepts of the C3 Framework for Economics such as; (1) Economic Decision Making, (2) Exchange and Markets, (3) The National Economy, and (4) The Global Economy. The course will also present an overview of the economic history of Hawaii, explore strategies for incorporating economic content into existing curriculums, and provide materials and on-going support for teaching economics content. This elective course cannot be used to satisfy subject matter concentration requirements for teaching licensure.

Credit: 3

ED 6470 - World Languages Curriculum and Instruction

Prerequisite: Graduate standing.

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

Credit: 3

ED 6480 - Integrated Curriculum: Literacy and Content

This course covers a wide variety of instructional strategies that interweave language arts instruction in the learning of subject matter contents. Student also explore various curricular models such as curriculum integration, project-based learning, and inquiry-based learning as examples of curricular approaches that break disciplinary silos

Restricted to MED students.

Credit: 3

ED 6510 - Elementary Clinical Practice Seminar

Prerequisite: Successful completion of all required core courses. Passing score on the PRAXIS II Content Knowledge Test. Co-requisite: ED 6512.

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.

Credit: 3

ED 6511 - Elementary Clinical Practice I

Prerequisite: Successful completion of all required core, field, and specialized courses. Passing score on the PRAXIS II Content Knowledge Test.

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.

Credit: 3-9

ED 6512 - Elementary Clinical Practice II

Prerequisite: Successful completion of all required core courses. Passing score on the PRAXIS II Content Knowledge Test. Co-requisite: ED 6510.

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.

Credit: 3-6

ED 6520 - Secondary Clinical Practice Seminar

Prerequisite: Successful completion of all required core courses. Passing score on the PRAXIS II Content Knowledge Test. Co-requisite: ED 6522.

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.

Credit: 3

ED 6521 - Secondary Clinical Practice I

Prerequisite: Successful completion of all required core courses. Passing score on the PRAXIS II Content Knowledge Test.

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.

Credit: 3-9

ED 6522 - Secondary Clinical Practice II

Prerequisite: Successful completion of all required core courses. Passing score on the PRAXIS II Content Knowledge Test. Co-requisite: ED 6520

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.

Credit: 3-6

ED 6605 - 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.

Credit: 3

ED 6615 - 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.

Credit: 3

ED 6620 - 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.

Credit: 3

ED 6630 - 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.

Credit: 3

ED 6640 - Ethics in Educational Leadership: Role, Responsibility, Relationships

This course will give students the personal awareness of their decision-making and actions in the classroom, department, and school in the roles, responsibilities, and relationships they assume at each level. They will examine, explore, and express in their own words what professional ethics is as they interact with the various audiences and how they can contribute to creating a safe, caring, and professional culture in their classroom, department, and school. More specifically, students will be able to apply laws, policies, procedures, and practices that are related to ethics in their school district through case studies.

Credit: 3

ED 6650 - Self-Management in Education

This course addresses School-Based Management (SBM) as a way of promoting decentralization of decision-making authority to positively impact educational quality in schools. Course content and methodology emphasize small group activities, collaboration, and use of data to encourage self-management and maximize school performance improvements.

Credit: 3

ED 6660 - 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.

Credit: 3

ED 6670 - 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.

Credit: 3

ED 6671 - Instructional Design

This course will explore various elements of instructional design (ID) processes, learning theories and brain science research in order to understand how people learn. Using project-based learning, students will identify instructional problems in various settings, conduct analyses, develop instructional strategies to close gaps and evaluate the effectiveness of instructional interventions.

Restricted to MED students.

Credit: 3

ED 6672 - Theory and Practice of E-Learning

This course provides learners with a theoretical foundation and rationale for successful integration of E-Learning into formal and informal adult learning environments. Beginning with an overview of educational theory and social constructivist teaching philosophy, it addresses the fundamental issues instructional designers should consider when designing, providing, and assessing E-Learning.

Restricted to MED students.

Credit: 3

ED 6673 - Instructional Media I

This course provides an overview of multimedia strategies and tactics using multimedia and instructional communication. Students will learn to specify requirements, select, design, develop, and evaluate instructional media. Students will apply contemporary theories of multimedia to the selection, development and use of instructional media.

Restricted to MED students.

Credit: 3

ED 6674 - Instructional Media II

This course prepares students for the selection and use of computer-based media, multimedia, and conventional media, in the preparation of materials for instructional purposes. Special attention is given to computer hardware and software involved in computer-based media production, digital formatting technology, and multimedia production processes.

Restricted to MED students.

Credit: 3

ED 6680 - Budget Analysis and Planning for Schools

Reform movements are continuously redefining effective practice in school administration and initiatives such as state deregulation, district decentralization, school restructuring, and other organizational modifications and transformations. This course is designed for practicing and aspiring public and private school administrators who want to enhance their instructional, technical, and managerial skills which will provide the student with an understanding of the essential yet distinctly connected accountability systems—academic and fiscal.

Credit: 3

ED 6690 - School Law

The historical and contemporary legal issues affecting the organization and administration of schools in America today are essential subjects for its public and private K–12 teachers. This course is about applying concrete, specific legal knowledge to the real issues and challenges teachers face every day in the classroom and in and around the school. Topics include: recent rulings on religion in public schools; social media, Facebook and Twitter challenges; charter schools; legal aspects of teachers and administrators' evaluation; teacher performance and misconduct; 504 Rehabilitation plans; the McKinney-Vento Homeless Act; violence and tragedy in U.S. schools; procedures for evaluating and responding to threats, natural disasters and school safety; and proposed changes to No Child Left Behind by the White House.

Credit: 3

ED 6695 - Capstone Research

Prerequisite: ED 6605.

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.

Credit: 3

ED 6700 - The Exceptional Learner

Prerequisite: Graduate standing.

This course provides an overview of the different categories of exceptionality 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.

Credit: 3

ED 6950 - Practicum in Education

Prerequisite: Graduate standing.

Repeatable for up to 9 credits.

Credit: 1 to 3

ED 6990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the

department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 9 credit hours.

Credit: 1-3

ED 6997 - Directed Readings in Education

Prerequisite: Graduate standing.

Directed individualized readings.

Credit: 1 to 3

ED 7000 - Research Methods in Education

Prerequisite: ED 6500

Introduction to research design and both qualitative and quantitative methods for conducting educational research. Students will learn how to read and synthesize educational research, design a research study that improves the practice of teaching, analyze and interpret data, and formally report research findings. This course is designed to equip students with epistemological, methodological, analytical, and ethical knowledge as well as the practical expertise required of a professional educational researcher.

Credit: 3

ED 7100 - Professional Paper I

Prerequisite: ED 6600 or concurrent enrollment in ED 6600

Initial design and development of a major research paper. The professional paper should be of the highest quality and should reflect the student's best efforts in applying the knowledge, skills, and professional dispositions gained in graduate studies.

Credit: 3

ED 7200 - Professional Paper II

Prerequisite: ED 7100

Continuing design and development of the major research paper. The professional paper should be of the highest quality and should reflect the student's best efforts in applying the knowledge, skills, and professional dispositions gained in graduate studies.

Credit: 3

ENG - English

ENG 1101 - Representations of Pacific Life

This course introduces students to the history, values and cultures of Hawai'i and the various Pacific Island nations, as they are represented through the genres of poetry, prose fiction, non-fiction essays, plays, films (feature and documentary), journalism and media. Specific attention will be paid to the ways in which Pacific Island cultures have been affected by Western contact and colonization, the development of postcolonial perspectives in Pacific Islanders telling their own stories, and the challenges of sustaining indigenous cultural identities in the 21st century.

Credit: 3

ENG 2000 - The Art of Literature

Prerequisite: Any WC&IL I course.

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.

Credit: 3

ENG 2100 - Reading Literature, Film, and Culture

Prerequisite: Any WC&IL I course, or any introductory literature course, or instructor permission.

English 2100 introduces critical interpretation, analysis, and composition of a variety of texts – literary, dramatic, and cinematic. Emphasizing the multiple perspectives that writers and readers use in composing and interpreting texts, the course introduces students to a range of literary terms, concepts, and interpretive theories and to the study of English and cultural studies. The course also explores potential career opportunities for those trained in skills of critical analysis (including but not limited to Writing minors, English majors and minors, and Film Studies minors).

Credit: 3

ENG 2500 - World Literature

Prerequisite: Any WC&IL I course.

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.

Credit: 3

ENG 3100 - British Literature to 1800

Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

The study of Medieval, Elizabethan, Restoration, and 18th Century British literature, beginning with *Beowulf* and ending with 18th-century writers.

Credit: 3

ENG 3101 - Shakespeare on Screen

Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

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.

Credit: 3

ENG 3102 - British Literature after 1800

Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

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 19th century.

Credit: 3

ENG 3122 - American Literature

Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

Students will study selected American literature in several genres, with a primary emphasis on texts from the 19th century.

Credit: 3

ENG 3130 - Topics in World Literature

Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

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.

Credit: 3

ENG 3135 - Japanese Literature

Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

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.

Credit: 3

ENG 3140 - Biography

Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

An introduction to the literary genre known as biography: its nature, purpose, uses, relationship to history and to fiction, and varieties of format.

Credit: 3

ENG 3145 - Nonfiction Film

Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

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.

Credit: 3

ENG 3150 - Television Studies

Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

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.

Credit: 3

ENG 3202 - Literature of Slavery

Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

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.

Credit: 3

ENG 3206 - British Comic Literature

Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

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.

Credit: 3

ENG 3223 - Special Topics in Asian Literature

Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

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.

Credit: 3

ENG 3224 - Ethnic Literature

Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

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.

Credit: 3

ENG 3226 - Special Topics in Hawai'i-Pacific Literature

Prerequisite: Any WC&IL II (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

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.

Credit: 3

ENG 3227 - Hawai'i and the Pacific in Film

Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

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.

Credit: 3

ENG 3228 - Fantasy Literature

Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

This course explores how literature uses the fantastic to reflect on the human condition, question dominant cultural ideologies, and imagine the real world otherwise.

Credit: 3

ENG 3250 - Texts and Gender

Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

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.

Credit: 3

ENG 3251 - Sex, Power, and Narrative

Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

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.

Credit: 3

ENG 3252 - 20th-Century American Women Writers of Color

Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

This upper-division literature course explores identity politics shaped by class, race, gender, and sexuality within the poetry, prose fiction, drama, and 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.

Credit: 3

ENG 3300 - Theoretical Perspectives

Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

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. Repeatable for a total of six credits when the focus has changed.

Credit: 3

ENG 3330 - Film Theory and Criticism

Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

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.

Credit: 3

ENG 3350 - Literature Adapted to Screen

Prerequisite: Any WC&IL II course (may be taken concurrently); or any ENG 2000-level course; or WRI 1150; or department approval.

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.

Credit: 3

ENG 4100 - Shakespeare Seminar

Prerequisite: HUM 3900 and two upper-division ENG or WRI courses; or department approval.

A critical study of Shakespeare, taking into account the cultural, historical, and literary context in which he wrote. Several plays are studies, along with selected critical approaches.

Capstone Course.

Credit: 3

ENG 4120 - Seminar in Modernism

Prerequisite: HUM 3900 and two upper-division ENG or WRI courses; or department approval.

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.

Credit: 3

ENG 4300 - Seminar in Textual Criticism

Prerequisite: HUM 3900 and two upper-division ENG or WRI courses; or department approval.

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.

Credit: 3

ENG 4320 - Seminar on Postcolonial Literature

Prerequisite: HUM 3900 and two upper-division ENG or WRI courses; or department approval.

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.

Credit: 3

ENG 4901 - Senior Thesis I

Prerequisite: HUM 3900 and two upper-division ENG or WRI courses; or department approval.

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.

Credit: 3

ENG 4902 - Senior Thesis II

Prerequisite: HUM 3900 and two upper-division ENG or WRI courses; or department approval.

A continuation of ENG 4901. The student undertakes writing and defense of the thesis.

Capstone course.

Credit: 3

ENG 4910 - English Major Portfolio Capstone

Prerequisite: HUM 3900 and two upper-division ENG or WRI courses; or department approval.

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.

Credit: 1

ENGB - Biomedical Engineering

ENGB 2000 - Biomechanics

Prerequisite: MATH 2214 and BIOL 2050.

Model and solve problems related to human performance and loading of the musculoskeletal system during functional activities by application of static, dynamic, and hybrid approaches. Topics include: human tissue (soft and hard) modeling; loading and evaluation; force analysis in the joints and muscles; gait analysis and postural stability; task performance; and prosthetic device design, modeling, and challenges for their interaction with biological tissues. Students will apply problem-solving and critical analysis throughout the course in the range of topics toward applying a systems approach for interaction of humans with their environment.

Credit: 3

ENGB 3001 - Thermodynamics of Living Systems

Prerequisite: BIOL 3170, CHEM 2050, and PHYS 2050.

An exploration of thermodynamics applied to biological systems at the macro and cellular levels. Topics include: mass (conversion, balances), cellular function, the three laws of thermodynamics (thermal equilibrium, potential and kinetic energies; energy flow and conversion, heat transfer and work, and entropy), and thermodynamic relations. Students apply fundamental principles for problem-solving in physiological systems.

Credit: 3

ENGB 3003 - Biomedical Imaging and Computer Simulation Laboratory

Prerequisite: ENGE 3000 or concurrent

An investigation into a variety of medical imaging technologies by analysis and computation of medical image datasets using Matlab as the medical image processing simulation environment. Students interact with datasets from a variety of imaging modalities and clinical applications including CT and MRI toward image analysis for decision support. Students apply a range of algorithms for image processing and analysis, with an emphasis on understanding the date representations and clinical indicators towards supporting the decision making processes, examining advantages and differences of each imaging modality using simulation software.

Credit: 1

ENGB 3004 - Biomedical Instrumentation and Device Fabrication

Prerequisite: ENGE 3000 or concurrent.

The course examines biomedical device design and instrumentation for treatment and diagnostics. Topics may include: bioinstrumentation, biomedical electronics; measurement techniques; sensors (bipotential electrodes, strain transducers, pressure and flow sensors, biochemical sensors) and transducers in signal measurement and conversion of physical (pressure), optical, thermal, and kinetic signals to electrical signals; and subsequent signal processing for decision support. Students will apply fundamental engineering principles in data acquisition and signal processing of data obtained through sensor acquisition, in a range of biomedical applications.

Credit: 4

ENGB 4001 - Transport Phenomena

Prerequisite: BIOL 3170, CHEM 2050, and ENGB 3001.

Covers fundamental transportation phenomena in living systems with a focus on momentum and mass transport in biological systems. Topics include: material and energy balances, kinetics, chemical and physical transport processes with applications in artificial and bioartificial organ development, controlled drug delivery systems, tissue engineering, thermodynamics, body fluids, osmosis and membrane filtration, blood flow, solute and oxygen transport, pharmacokinetic analysis, and extracorporeal devices.

Credit: 3

ENGB 4002 - Tissue Engineering

Prerequisites: ENGB 4001

The course introduces selected topics in tissue engineering and discusses related regulatory issues and standardization. Topics may include methods of tissue engineering in: breast reconstruction, blood vessel substitute, vascular systems, cardiac applications, bioartificial organs (liver, kidney), transplantations, and treatment options.

Credit: 3

ENGB 4004 - Biomedical Optics

Prerequisites: ENGE 3003 and ENGB 3006.

This course examines optics and the optical properties of tissue. Topics include: spectroscopy (intrinsic absorption, scattering contrast, dynamic contrast, fluorescence, Raman contrast mechanisms), tomography (optical coherence, diffuse optical, photoacoustic), state-of-the-art in technology development in a variety of optical imaging modalities and algorithms, molecular imaging, molecular probe development, assistive technology and clinical practice in disease diagnosis, treatment, and prediction as well as decision support. Students will examine real patient data during discussion of imaging modalities for clinical diagnosis.

Credit: 3

ENGB 4005 - Biomedical Signal Processing

Prerequisite: ENGE 3003.

Advanced techniques in biomedical image and signal processing for patient monitoring and diagnostics. Topics include: disease detection and classification, clustering approaches, adaptive filtering, image classification and decision support, imaging modalities (MRI, ultrasound), medical image database and retrieval, and medical image analysis (advanced algorithms, technologies, state-of-the-art modalities). Students examine real-world medical images and signals toward disease detection and classification using a variety of techniques and technologies.

Credit: 3

ENGB 4007 - Biosensors

Prerequisite: ENGE 3004.

The course focuses on the purpose, design, fabrication, operation, testing and conformance to design criteria of micro and nano sensors and associated software processes in several biomedical applications, with an emphasis on implantable devices. Topics include: sensor concepts and design criteria (power consumption, operability parameters, sensitivity, sampling, selectivity, linearity, drift, measurement, and detection limitations), sensor acquisition and processing methods, device operability and performance, sensor integration and software processing, microfabrication (silicon-based devices, organic devices), and microarrays.

Credit: 3

ENGB 4008 - Computational Biomechanics

Prerequisite: ENGB 2000, ENGB 3006

The course introduces concepts and computational methods in biomedical engineering application, including analytical and numerical approaches to problem solving within this discipline. Concepts of mechanics and computational modeling techniques are applied both theoretically and using Matlab, for a wide variety of biomechanics problems. Topics include: kinematics, equilibrium, stress, strain, macro-level deformations, rotations, and non-linear equations for visco-elastic behavior and fibrous-type structures.

Credit: 3

ENGB 4999 - Special Topics in Biomedical Engineering

Prerequisite: ENGB 3006

Selected topics in biomedical engineering are presented throughout this seminar, at an advanced level. Topic coverage is at the discretion of the lecturer; however, theses will include state-of-the-art in biomedical engineering technologies, advanced-level theory, and its application in solving real-world challenges within the selected topic areas.

Credit: 3

ENGE - Electrical Engineering

ENGE 1000 - Introduction to Engineering Systems and Professional Practice

Prerequisite: MATH 1105 or higher; or placement into MATH 1130 or higher; or consent of the instructor.

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.

Credit: 3

ENGE 2000 - Linear Circuits and Systems

Prerequisite: ENGE 1000 and MATH 2215. Co-Requisite: ENGE 2001.

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, and the frequency response of a system and will apply Laplace and Fourier methods for circuit analysis.

Credit: 3

ENGE 2001 - Linear Circuits and Systems Laboratory

Co-requisite: ENGE 2000.

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.

Credit: 1

ENGE 2004 - Digital Hardware and Microcontrollers

Prerequisite: ENGE 2000 and CSCI 2912. Co-requisite: ENGE 2005.

Microcontroller design and programming is introduced. Topics include: Karnaugh maps, truth tables, Boolean expressions and combinational logic (gates), sequential logic and machines (state tables, state diagrams, timing diagrams, clock, flip flops, registers, Mealy machine, Moore Machine), and synchronization problems. Students will apply knowledge to design and implement programs to run on a microcontroller.

Credit: 3

ENGE 2005 - Digital Hardware and Microcontrollers Laboratory

Co-requisite: ENGE 2004.

Students will apply principles from ENGE 2004 to design and implement basic programs to run on the microcontroller, providing functions such as for mathematical manipulations and display output.

Credit: 1

ENGE 2006 - Electronics

Prerequisite: ENGE 2000. Co-requisite: ENGE 2007.

Restricted to Electrical Engineering majors.

Students design electronic circuits and apply circuit analysis techniques using several passive and active electronic circuit elements. During the first half of the course, students are introduced to diodes, MOSFET and BJT transistors, small and large signal characteristics, and design of single-stage amplifier circuits. The second half of the course is devoted to topics related to microelectronics, including differential and multistage amplifiers, frequency response, feedback and compensation, filters, and signal generation.

Credit: 3

ENGE 2007 - Electronics Laboratory

Co-requisite: ENGE 2006.

Restricted to Electrical Engineering majors.

Electronic circuits are designed, constructed, and tested through application of circuit analysis techniques using elements such as diodes, transistors (MOSFETs, BJTs), operational amplifiers (inverting and non-inverting configurations) for reporting on circuit behavior, frequency response, and other important characteristics. Lab activities include the design, computer simulation, construction, and analysis of simple and advanced circuits.

Credit: 1

ENGE 3000 - Signals and Systems

Prerequisite: ENGE 2004, MATH 2216, PHYS 2050.

Co-requisite: ENGE 3001.

An introduction to electrical signals, systems, and signal processing technologies are reviewed. Topics include: description and analysis of systems, mathematical representation of signals, sampling, aliasing, discrete and continuous signal representation, conversion and processing strategies, transforms (Laplace, Fourier, z-), Finite Impulse Response (FIR) filters, Infinite Impulse Response (IIR) filters, spectrum representation. Theory, principles and strategies for problem-solving in signals and systems design will be applied to address real-world challenges. Throughout the course, examples in signal processing are provided both theoretically and in practice with Matlab/Octave, and students will solve related problems with both techniques in class and lab.

Credit: 3

ENGE 3001 - Signals and Systems Lab

Co-requisite: ENGE 3000.

Signal processing techniques for signal filtering will be applied, including discrete and continuous signal representations, conversion and processing strategies, and transforms. Students will apply related principles and solve related problems in Matlab or Octave.

Credit: 1

ENGE 3002 - Microcontroller Applications

Prerequisite: ENGE 2004; Co-requisite: ENGE 3003.

Concepts in digital hardware are extended to more in-depth knowledge of digital computer architecture and microcontrollers. Topics include: digital computer architecture (CPU, RAM, ROM, static and dynamic memory, I/O devices) and organization, binary expressions and coding (instructions, machine and assembly languages, addressing), use of integrated circuits for simple microprocessor design, and serial communications, in conjunction with microcontroller applications for external device control.

Credit: 3

ENGE 3003 - Microcontroller Applications Laboratory

Co-requisite: ENGE 3002.

Students will use digital hardware to interface with a microcontroller and write programs for the microcontroller to control the hardware.

Credit: 1

ENGE 3006 - Electromagnetics

Prerequisite: ENGE 2003 or ENGE 3000.

An introduction to the fundamentals of electromagnetics. Topics include: application of Maxwell's equations, electromagnetic waves, radiation and diffraction, optical fiber links and components, microwave communications and radar, wireless communications, antennas, polarization, phase matching, sensors, forces, power and energy, wave guidance, resonance, propagation, electromechanics and electrodynamics systems, power generation and transmission, circuit concepts, and coupling.

Credit: 3

ENGE 3007 - Control Systems

Prerequisite: ENGE 3000 and MATH 3305; Co-requisite: ENGE 3008.

Control system modeling and design provides a systems-based approach to analyze the behavior and stability of a system and enhance system performance through application of controller design methods. Topics include: mathematical modeling of physical systems (state space representations), block diagrams, transfer function derivations and manipulations, Laplace transform and frequency domain analysis, steady state and transient response analysis in the time domain, root locus methods, frequency response analysis (Nyquist theorem, bode diagrams), lead and lag compensators, and controller design: P, PI, PID.

Credit: 3

ENGE 3008 - Control Systems Laboratory

Co-requisite: ENGE 3007.

Students will design and implement various types of controllers for DC motor control Applied techniques will result in motor transfer function derivation, time and frequency response analysis, and bode diagram representation and review, toward the design and implementation of P, PI and PID controllers given specified system performance criteria.

Credit: 1

ENGE 4007 - Robotics and Automation

Prerequisite: ENGE 3007.

Students learn how to design robotic systems for applications in automation and heavy industry, including techniques of mathematical modeling, design, control and sensor integration. Topics include: robotics in automations and industrial applications, mathematical modeling and trajectory planning of robotic arm movement, industrial robotics control systems, and sensor integration (ultrasonic, pressure, infrared, heat) for automation and industrial purposes.

Credit: 3

ENGE 4008 - Intelligent Control

Prerequisite: ENGE 3007.

State-of-the-art methods in intelligent control are explored, with focus on fuzzy logic controllers, neural networks, adaptive control techniques, and hybrid models. Students examine and produce a variety of control strategies, including derivation of membership functions, network construction, and system testing for a variety of applications, considering both function and design success criteria.

Credit: 1

ENGE 4009 - Image Processing

Prerequisite: ENGE 3000.

An in-depth study and application of image processing algorithms. Topics include methods related to: image co-registration, pre-processing, region of interest detection, segmentation, feature extraction, classification, decision support systems, supervised and unsupervised methods. Several filtering techniques are examined in the course. Students will work with image datasets throughout the course using Matlab image processing toolbox functions, in addition to modifying existing functions, toward improved algorithm performance. Students will discriminate selection of method based on changes in the dataset as well as different performance criteria.

Credit: 3

ENGE 4010 - Power Systems Analysis and Design

Prerequisite: ENGE 3006 and 3007.

Fundamentals of power systems: their analysis, design and simulation. Topics include introduction to power systems, phasors, single-phase and three-phase circuits, complex power calculations, network equations, balanced circuits, transformers (ideal, equivalent circuits, three-phase connections and phase shift, two- and three- winding transformers), transmission line parameters (resistance, design criteria, inductance, impedances, capacitance), transient and steady-state operation for transmission lines, power flow, fault analysis, symmetrical components, system protection and controls, stability, power sources, and power distribution.

Credit: 3

ENGE 4998 - Special Topics in Sensor Technologies

Prerequisites: ENGE 2006 and 3000.

An examination of state-of-the-art sensor technologies in a range of applications, such as in aerospace, shipping manufacturing, medical, healthcare, and environmental. Large sensor devices in heavy industry are examined, as are micro and nano sensor technologies that are under development in the medical and healthcare sectors. Sensor operation and integration to microcontrollers for purposes of data processing and transmission are evaluated. Students consider a range of sensors and their integration for the purposes of satisfying design criteria, with consideration of processing (algorithm and coding) requirements.

Repeatable for up to 6 credits.

Credit: 3

ENGE 4999 - Special Topics in Electrical Engineering

Prerequisite: ENGE 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008.

State-of-the-art in electrical engineering current practice and research is investigated. Topics may include: renewable energy source design and construction, advances in data communications, advances in nanotechnology and electronics, smart devices, advances in systems control such as in building solutions and exploration (aerospace, space), and latest techniques in multimedia signal processing. Topics may change and are at the discretion of the course administrator.

Repeatable for up to 6 credits.

Credit: 3

ENGR - Engineering

ENGR 1500 - Design Project Experience I

This course gives students the opportunity to advance their professional development as Engineers. Students will have the option to work together with their Engineering peer mentors or the Engineering faculty to learn technical knowledge and know-hows as needed. The premise is to expose students to the Engineering design process early in the program to foster creative and innovative thinking while gaining technical knowledge. The students will be required to submit a short report (1-page max). The course is taken typically during the Freshmen year in the program. *Repeatable for up to 2 credits.*

Credit: 1

ENGR 2500 - Design Project Experience II

Prerequisites: ENGR 1500 or instructor approval.

This course gives students the opportunity to advance their professional development as Engineers. Students will have the option to work together with their Engineering peer mentors or the Engineering faculty to learn and apply technical knowledge and know-hows as needed. The premise is to expose students to, and engage students in, the Engineering design process early in the program to foster creative and innovative thinking while gaining technical knowledge. The students will be required to submit a short report (1-page max). The course is taken typically during the Sophomore year in the program. *Repeatable for up to 2 credits.*

Credit: 1

ENGR 2600 - Engineering Statics

Prerequisites: C or better in MATH 2214, PHYS 2050.

Recommended: MATH 2215, PHYS 2052.

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; and friction.

Credit: 3

ENGR 3500 - Engineering Design Project I

Students will work in teams towards the construction of a working prototype by application of fundamentals in engineering to a real-world challenge or problem. Multidisciplinary projects are encouraged so that they involve Electrical Engineering, Biomedical Engineering, and/or other Engineering disciplines. Students are expected to form the project topic, feasibility, and design in this course. Students continue the same topic in ENGR 3501 where they will implement, test, and deploy the working prototype. There is an emphasis on both technical achievement and project process management skills, amid team-based real-world project design challenges.

Credit: 3

ENGR 3501 - Engineering Design Project II

Student continue their topic from ENGR 3500 by taking the design and moving into project implementation, testing, and commissioning (deployment) throughout the course. Students will finish the course with a project demonstration, and assessment submissions throughout the seminar will include reports, demonstrations of selected hardware and software functionality, and individual tests to determine level of competency both in technical prowess and project management strategies.

Credit: 3

ENGR 3600 - Engineering Dynamics

Prerequisite: C or better in ENGR 2600, MATH 2215, and MATH 2216.

Recommended: PHYS 2052 (may be taken concurrently).

This course is the second in a two-class 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.

Credit: 3

ENGR 4500 - Engineering Research

Prerequisite: ENGR 3501 OR consent of a supervisor approved by the Department Chair.

This course provides students with the opportunity to advance their professional development as Engineers. Students will have the option to enhance their previous Engineering design projects, to start and finish a new design project, or to undertake undergraduate research topics under the guidance of HPU faculty. Submissions during the semester will include system design or some level of implementation (hardware and/or software) congruent with the project goals. Additionally, the students will present their work periodically during design reviews as requested. To allow the design and completion of comprehensive projects, the students will be able to earn up to 9 credits, by retaking this course multiple times.

Credit: 3 or 6

ENGR 4995 - Engineering Professional Practice

Students undertake up to 12 weeks (3 credits) of full-time professional practice. Each 4 week block requires 200 hours of work experience to earn 1 credit. Students must be supervised by an engineer, preferably within their engineering specialization and carry out practical work within the field of engineering. Students can either complete the 12 weeks in one block (3 credits), or break it into 2 or more blocks (such as 8 weeks on summer, 4 weeks the following summer). Students can undertake the professional practice at any time of the year but preferably in summer between junior and senior years. Students must keep a logbook of their work and submit a short report that summarizes this work, in addition to a supervisor review, upon completion of the practicum. *Repeatable for up to 3 credits.*

Credit: 1-3

ENGR 4999 - Special Topics in Engineering

Prerequisite: Instructor approval

This course explores state-of-the-art multidisciplinary and/or interdisciplinary current practices and research in engineering. Topics are chosen at the discretion of the faculty, and may include: fundamentals of sensor design, ultrasound systems, renewable energy source design and construction, advances in data communications, advances in nanotechnology and electronics, smart devices, advances in systems control such as in building solutions and exploration (aerospace, space), and latest techniques in multimedia signal processing. *Repeatable up to 12 times if topics are different.*

Credit: 3

ENGT - Biotechnology Engineering

ENGT 2100 - Biomaterials

Prerequisite: CHEM 2050, ENVS 2000, BIOL 2050, and ENGT 2101 (concurrent enrollment allowed).

An introduction to common biomaterials used in biological and medical systems, in a range of applications. Topics include: biomaterials (metals, polymers, ceramics, and composites), properties (physical attributes and surface properties), biocompatibility (biomaterial interaction with cells and tissues), selection criteria and testing, and biodegradation.

Credit: 3

ENGT 2101 - Biomaterials Lab

Prerequisite: ENGT 2100 (concurrent enrollment allowed).

Students will be introduced to the major types of biomaterials widely used in today's world. Students will evaluate the physical and chemical properties of some important biomaterials with special emphasis to the bioavailability and biocompatibility issues in organisms.

Credit: 1

ENGT 2200 - Bioprocesses

Prerequisite: BIOL 2050, CHEM 2050, and ENVS 2000, and ENGT 2201 (concurrent enrollment allowed).

An introduction to biotechnology and an examination of various bioprocesses: from cell culture and downstream process development to scale-up and manufacturing processes. Topics include: DNA, proteins, immunology, microbial biotechnology, plant biotechnology, animal biotechnology, marine biotechnology, genomics, medical biotechnology, regulations, engineering calculations and material balances, energy balances, fluid flow and mixing, heat and mass transfer, and reactions and reactors. Students examine concepts in biotechnology and bioprocess engineering, applying engineering principles to solve related problems.

Credit: 3

ENGT 2201 - Bioprocesses Lab

Prerequisite: ENGT 2200 (concurrent enrollment allowed).

Students will design and execute simple lab scale experiments to learn the following topics: estimation of cell mass; different phases of microbial growth; mass and energy balance in a typical bioconversion process; concept of limiting nutrient and its effect on cell/microbial growth.

Credit: 1

ENGT 3000 - Engineering Design Project I

Prerequisite: ENGT 2001, ENGT 2002 ENGE 2000, and ENGE 2003.

Students work in teams for the design of a working prototype or systems-based practical solution by application of fundamentals in biotechnology engineering to a real-world challenge or problem, with focus in bioprocess or bioenvironmental engineering. Students are expected to design a prototype that addresses a real-world challenge within either specialization, such as waste management; biomass or biofuel reuse; improvement of water, air or soil quality; food contamination, improving food processing technologies, or innovating in manufacturing process-based systems.

Credit: 3

ENGT 3001 - Engineering Design Project II

Prerequisite: ENGT 3000 and ENGT 3002.

Students continue their topic from ENGT 3000 by taking the design and moving into project implementation, testing, and commissioning (deployment) throughout the course. Students will finish the course with a project demonstration, and assessment submissions throughout the seminar will include reports, demonstrations of prototype (and/or sub-system) functionality, and individual tests to determine level of competency both in technical prowess and project management strategies.

Credit: 3

ENGT 3002 - Analytical Biotechnology for Engineers

Prerequisite: ENGT 2001 and ENGT 2002.

This course applies engineering fundamentals to biotechnology fields in the areas of medicine, agriculture, and the environment such as in genomics, immunology, fermentation monitoring, chromatography, instrumental analysis, biosensors, and bioanalysis. State-of-the-art equipment and analytical tools are examined as applied within this area.

Credit: 3

ENGT 4002 - Biomanufacturing

Prerequisite: ENGT 3001.

An introduction to manufacturing processes, with examination of biomanufacturing processes and biofabrication, as well as the related state-of-the-art engineering technologies. Topics include: living (cells, tissues) and non-living (bio-supportive proteins, scaffolds) components for product development, biofabrication techniques (cell printing, patterning, assembling, 3D scaffold fabrication, cell- and tissue-on-chips for micro- and nano- fabrication), and biomanufacturing processes (pharmaceutical production by plant cell culture, agricultural cultivation for medicinal purposes, industrial fermentations, fuzzy control and neural networks in production).

Credit: 3

ENGT 4004 - Soil Ecology

Prerequisite: ENGT 2001 and 2002.

Explores the fundamentals of soil ecology. Topics include: overview, formation and profile of soil development, fitness of the soil environment, primary production processes and effect on ecosystem, secondary production processes (decomposition, microbial activities, measures of biomass, sterilization techniques, heterotrophic organisms, decomposition and nutrient recycling), soil food webs, soil biodiversity and linages to soil processes (ecosystem impacts and challenges), and future developments in soil ecology. Theory and fundamentals are advanced to an in-depth understanding of soil ecology in this seminar.

Credit: 3

ENGT 4009 - Environmental Systems Analysis for Engineers

Prerequisite: ENGE 3000 and ENGT 3002.

The course provides an analysis of environmental systems through the application of engineering fundamentals. Topics include: modeling system behavior, data handling and analysis, real-world system analytics, and engineering system design. Students apply analytical strategies within the software Matlab.

Credit: 3

ENGT 4010 - Waste Treatment and Management

Prerequisite: ENGT 2001, 2002, BIOL 3170, and ENGB 3001.

Examines treatment and sustainable management of environmental waste, including industrial, agricultural and biological waste products, by application of engineering principles and practices. Topics include: waste properties (chemical, biological), waste water systems and treatment, biocomposting, pollutant monitoring techniques, methods of primary and secondary treatment of waste, bioenergy production, bioreactors, biotransformation, and biodegradation. Students will develop knowledge of more sustainable methods of biological waste treatment and management to reduce use of landfill as a disposal route and in compliance.

Credit: 3

ENGT 4011 - Air Quality Management

Prerequisite: ENGT 2001, 2002, and ENGB 3001.

This subject covers fundamental principles that govern air quality and examines management options for improving air quality, limiting emissions, and optimizing air pollutant control strategies. Topics include: air composition and quality measures, air toxins and pollutants; primary (industrial and mobile combustion processes, and control) and secondary (atmospheric transport and photochemical pollutant formation in ambient air, ozone depletion, global warming), health impacts (acute, chronic), air quality assessment and conformance requirements to standards, and legislation, environmental and industrial hygiene.

Credit: 3

ENGT 4012 - Land Treatment Systems

Prerequisite: ENGT 2001, 2002, and ENGB 3001.

Examines systems, sub-components, and biocomposition of land treatment of waste. Topics include: soil hydraulics, vegetation selection, site selection, onsite investigations, preapplication treatment and storage, and transmission and distribution of waste water. Students will examine natural systems for treatment of waste water, reuse of biosolids, and strategies for vegetation and site selection toward land treatment and management systems, with focus on municipal and industrial wastes.

Credit: 3

ENGT 4013 - Food Processing and Packaging Systems

Prerequisite: ENGT 2001, 2002, and ENGB 3001.

Principles and applications of food processing, handling, and packaging systems, with evaluation of associated technologies. Topics include: overview of food processing and sub-system operations, thermophysical properties in food processing and packaging (optical, mechanical, and physical properties of thermoplastic polymers), microbial aspects in food processing, food preservation and processing strategies and technologies, sustainability in food processing, food packaging requirements of major food groups, closures and sealing systems, and assistive technologies (including robotics) in optimization of food packaging systems.

Credit: 3

ENGT 4999 - Special Topics in Biotechnology Engineering

Prerequisite: ENGT 3001.

Selected topics in biotechnology engineering are presented throughout this seminar, at an advanced level. Topic coverage is at the discretion of the lecturer; however, these will include state-of-the-art in biotechnology engineering technologies, advanced-level theory, and its application in solving real-world challenges within the selected topic areas.

Credit: 3

ENVS - Environmental Science/Studies

ENVS 1000 - 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.

Credit: 3

ENVS 1020 - Introductory Meteorology

A survey of the physical and chemical principles of atmospheric science applied to elementary descriptions and interpretations of atmospheric phenomena.

Credit: 3

ENVS 1030 - 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.

Credit: 3

ENVS 1040 - Introduction to Fresh Water Systems

Prerequisite: Any 1000-level BIOL course, BIOL 2030, or 2050; CHEM 1000 or 1020.

A survey of the biology, chemistry, physics, and geology of fresh water systems such as lakes, wetlands, and rivers.

Credit: 3

ENVS 1500 - 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.

Credit: 3

ENVS 2000 - 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.

Credit: 3

ENVS 2001 - Principles of Environmental Science Laboratory

Laboratory and field component of ENVS 2000.

Credit: 1

ENVS 3000 - Sustainability and the Environment

Prerequisite: Any WC&IL II course.

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.

Credit: 3

ENVS 3002 - Applications of Environmental Science

Prerequisite: ENVS 2000; or [BIOL 1000 or 1500] and [CHEM 1020, GEOL 1000, or MARS 1000]; or BIOL 2052, and CHEM 2052.

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 amendable to study and scientific understanding.

Credit: 3

ENVS 3003 - Applications of Environmental Science Laboratory

Prerequisite: ENVS 2001.

Laboratory and field component of ENVS 3002.

Credit: 1

ENVS 3010 - Environmental Impact Analysis

Prerequisite: ENVS 2000.

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.

Credit: 3

ENVS 3020 - The Environmental Policy Process

Prerequisite: ENVS 2000 or 3000.

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, and 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.

Credit: 3

ENVS 3030 - Earth Systems and Global Change

Prerequisite: ENVS 2000.

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.

Credit: 3

ENVS 3200 - Photovoltaic Systems Design

Prerequisite: ENVS 2000, MATH 1115, or MATH 1130.

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).

Credit: 3

ENVS 3400 - Hydrology and Water Resources

Prerequisite: ENVS 2000.

Water is critical for the survival of human civilization, and water resource issues have important consequences for human health, food systems, energy, and society. This course will explore the mechanics, distribution, timing, availability and management of water resources. Aspects of the hydrologic cycle, surface and groundwater hydrology, and water quality and treatment will be investigated, along with examination of water rights, laws and current and emerging trends in water resource monitoring, development, and technology.

Credit: 3

ENVS 3600 - Natural Resource Management

Prerequisite: BIOL 1500 or BIOL 2050.

Sound management principles applied to limited resources such as energy, water, and food.

Credit: 3

ENVS 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

ENVS 4000 - Methods of Environmental Science

Prerequisite: ENVS 3002.

This course will present advanced analytical technologies current in real world applications of environmental science. Computer-driven data analysis, modeling, and presentation technology have 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.

Credit: 3

ENVS 4001 - Methods of Environmental Science Laboratory

Prerequisite: ENVS 3002.

Laboratory component of ENVS 4000.

Credit: 1

ENVS 4030 - Applied Geographic Information Systems

Prerequisite: Senior or graduate status or permission of the instructor.

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.

Credit: 3

ENVS 4040 - Sustainable Building Science

Prerequisite: ENVS 3000.

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).

Credit: 3

ENVS 4050 - Remote Sensing

Prerequisite: ENVS 2000; MATH 3306; PHYS 2052; any WC&IL II course.

The physics and techniques of remote sensing presented through an exploration of physical characteristics of terrestrial and marine environments.

Credit: 3

ENVS 4060 - Geographic Information Systems 2: Spatial Analysis

Prerequisite: ENVS 4030

Geographic Information Systems (GIS) provide tools for quantifying and describing spatial data to answer research and management questions. In this course students will use ArcGIS to describe the distribution of features, and to discern patterns and measure relationships among these features. Topics include the use of raster GIS tools for natural resource modeling and environmental analysis; the raster structure and its advantages and limitations; appropriate data and procedure; 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.

Credit: 3

ENVS 4070 - Industrial Ecology

Prerequisite: Any 3000 level course in BIOL, CHEM, ENGB, ENGE, ENGT, ENVS, or MARS.

Industrial Ecology (IE) is the systematic study of how materials and energy flow within our current linear industrial production systems and interact with the environment and human communities. IE seeks to redesign those conventional systems and move towards more circular, regenerative ones, by providing the framework to explore a wide array of novel ideas such as circular economy, zero waste, industrial symbiosis, life cycle analysis, biomimicry, and cradle-to-cradle design. By comparing and contrasting these principles against traditional industrial practices, student gain a better understanding of how to shift to more sustainable, equitable, and environmental benign management systems.

Credit: 3

ENVS 4100 - Society and Environment: Contemporary Issues Seminar

Prerequisite: ENVS 3002.

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.

Credit: 3

ENVS 4200 - Business and Environment: Contemporary Issues Seminar

Prerequisite: ENVS 3002. Senior standing.

Acritical analysis of contemporary environmental management issues. The course includes formal seminars, informal group discussions, and a comprehensive review paper.

Credit: 3

ENVS 4300 - Advanced Photovoltaic Systems Design

Prerequisite: ENVS 3200 or MATH 2214.

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.

Credit: 3

ENVS 4400 - Environmental Science Seminar

Prerequisite: ENVS 3002.

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.

Credit: 3

ENVS 4600 - Environmental Science Research

Prerequisite: ENVS 4400.

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.

Credit: 3

ENVS 4950 - Environmental Studies Practicum

Prerequisite: ENVS 3002.

Senior practicum opportunity in environmental studies.

Repeatable up to three times. 9 credits maximum.

Credit: 1 to 3

ENVS 6010 - Global Climate Change

Prerequisite: Graduate standing.

This course discusses the history of the Earth’s climate from 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.

Credit: 3

ENVS 6020 - Advanced Photovoltaic Systems Design

Prerequisite: ENVS 3200 or MATH 2441. Graduate standing.

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.

Credit: 3

ENVS 6030 - Sustainable Energy Systems

Prerequisite: Graduate standing.

This course examines energy systems, including resource estimation, environmental effects, and economics. The current mix of energy sources and technologies is 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.

Credit: 3

ENVS 6032 - Applied Geographic Information Systems

Prerequisite: Graduate standing.

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 Geographic Information Systems (GIS) as applied to the natural sciences or your field of study. The project-based nature of the course will encourage graduate students to identify and analyze a spatial problem of their choice.

Credit: 3

ENVS 6040 - Sustainable Building Science

Prerequisite: Graduate standing.

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).

Credit: 3

ENVS 6050 - Watershed and Wetland Systems

Prerequisite: Graduate standing.

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.

Credit: 3

ENVS 6060 - Geographical Information Systems 2: Spatial Analysis

Prerequisite: ENVS 6032 or permission of instructor. Graduate standing.

GIS is about getting answers to questions so you can make intelligent decisions. In this course you will use ArcGIS to describe the distribution of a set of features and to discern patterns and measure relationships among these features. Topics in this course include the use of raster GIS tools for natural resource modeling and environmental analysis; the raster structure and its advantages and limitations; appropriate data 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.

Credit: 3

ENVS 6070 - Conservation and Sustainability in the Tropics

Prerequisite: Graduate standing.

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.

Credit: 3

ENVS 6150 - Environment, Power and Society

Prerequisite: Graduate standing.

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.

Credit: 3

ENVS 6300 - Modeling and Simulation

Prerequisite: Graduate standing or permission of instructor.

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.

Credit: 3

ENVS 6920 - Special Topics in Environmental Science

Prerequisite: Graduate standing.

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.

Credit: 3

ENVS 6990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 9 credit hours.

Hawai'i Pacific University

Credit: 1 to 3

FIN - Finance

FIN 2200 - Introduction to Personal Finance

Prerequisite: MATH 1130 or higher.

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.

Credit: 3

FIN 3000 - Business Finance

Prerequisite: ACCT 2010; MATH 1130 or higher.

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.

Credit: 3

FIN 3200 - Personal Finance

Prerequisite: MATH 1130 or higher; any WC&IL II course.

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.

Credit: 3

FIN 3300 - Investments

Prerequisite: FIN 3000.

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.

Credit: 3

FIN 3400 - Financing in the Money and Capital Markets

Prerequisite: FIN 3000.

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; and selling common stock through direct or rights offering. Detailed steps and complete example in selling fixed income securities and selling common stock.

Credit: 3

FIN 3500 - Planning: Business Owners

Prerequisite: FIN 3000.

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.

Credit: 3

FIN 3510 - Insurance and Financial Planning

Prerequisite: FIN 3000.

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.

Credit: 3

FIN 3600 - Trading Derivatives

Prerequisite: FIN 3000.

A course that covers the theory and application of futures, swaps, and options. It analyzes the valuation and risk of derivatives as well as focusing on the practical application of derivatives in debt and portfolio management.

Credit: 3

FIN 3610 - Advanced Derivatives

Prerequisite: FIN 3600.

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.

Credit: 3

FIN 3650 - Corporate Risk Management

Prerequisite: FIN 3000.

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) and their assessment and management. The risks will be discussed on an individual as well as on a portfolio level.

Credit: 3

FIN 3700 - Real Estate Finance

Prerequisite: FIN 3000.

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; and evaluation of income property investment alternatives.

Credit: 3

FIN 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

FIN 4997 - Directed Readings in Finance

Directed individualized readings. May be repeated if content or topic is different.

Credit: 1 to 3

FIN 6000 - Financial Management and Strategy

Prerequisite: ACCT 2000 and FIN 3000, or equivalents. Graduate standing.

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.

Credit: 3

FIN 6001 - Complex Financial Decision Making in the New Age of Technology

Prerequisite: ACCT 6001. Graduate standing.

This course provides students with fundamental financial knowledge using a case-based approach. Complex financial decisions in the new age of accelerated technological growth will be analyzed. Topics to be covered include project evaluation, security pricing, cost of capital, capital structure, financial planning, and innovations in the financial services industry.

Credit: 3 to 4

FIN 6100 - International Finance

Prerequisite: FIN 6000. Graduate standing.

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.

Credit: 3

FIN 6170 - International Financial Markets

Prerequisite: ECON 6000. Graduate standing.

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.

Credit: 3

FIN 6300 - Investment Analysis

Prerequisite: ECON 6000, FIN 6000, and MS 6000. Graduate standing.

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.

Credit: 3

FIN 6310 - Portfolio Management

Prerequisite: FIN 6300. Graduate standing.

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.

Credit: 3

FIN 6400 - Corporate Finance

Prerequisite: FIN 6000 and MS 6000. Graduate standing.

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.

Credit: 3

FIN 6530 - Estate Planning

Prerequisite: FIN 6000. (must have a grade of C or higher). Graduate standing.

A course that introduces the student to the estate planning process and includes an overview of federal estate and gift taxes, wills, trusts, and powers of attorney. The student also learns various planning techniques to minimize federal estate and gift taxes and avoid the probate system.

Credit: 3

FIN 6600 - Trading Derivatives

Prerequisite: FIN 6000. (must have a grade of C or higher). Graduate standing.

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.

Credit: 3

FIN 6610 - Advanced Derivatives

Prerequisite: FIN 3600 or FIN 6600. (must have a grade of C or higher). Graduate standing.

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 focusing on the practical application of derivatives in debt and portfolio management.

Credit: 3

FIN 6990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 9 credit hours.

Credit: 1 to 3

FIN 6997 - Directed Readings in Finance

Prerequisite: Graduate standing.

Directed individualized readings. May be repeated if content or topic is different.

Credit: 1 to 3

FR - French

FR 1100 - Beginning French I

An introduction to written and spoken French. This is the first semester of a two-semester sequence.

Credit: 3

FR 1200 - Beginning French II

Prerequisite: FR 1100.

An introduction to written and spoken French. This is the second semester of a two-semester sequence.

Credit: 3

FR 2100 - Intermediate French I

Prerequisite: FR 1200.

Conversation, reading, grammar, and introduction to French culture. This is the first semester of a two-semester sequence.

Credit: 3

FR 2200 - Intermediate French II

Prerequisite: FR 2100.

Conversation, reading, grammar, and introduction to French culture. This is the second semester of a two-semester sequence.

Credit: 3

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 - 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.

Credit: 3

GEOG 2000 - Visualizing Human Geography

Prerequisite: Any WC&IL I course.

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.

Credit: 3

GEOG 2500 - Maps and Civilization

Prerequisite: Any WC&IL I course.

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.

Credit: 3

GEOG 3200 - Geography of Hawai'i and the Pacific

Prerequisite: Any WC&IL II course.

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.

Credit: 3

GEOG 3310 - Geography of Japan

Prerequisite: Any introductory social science course.

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.

Credit: 3

GEOG 3600 - Geography of Travel and Tourism

Prerequisite: Any WC&IL II course.

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.

Credit: 3

GEOG 3700 - Sustainable Cities

Prerequisite: Any lower division geography, anthropology, international studies or sociology course; and any WC&IL II with a C- or better

The course explores urban sustainability from an historical, social, and environmental perspective. It examines the development of cities from their ancient beginnings to the early part of the 21st century. With that foundation, students will gain an in-depth knowledge of challenges and opportunities facing urban centers around the world and be able to identify solutions for developing sustainable cities of the future.

Credit: 3

GEOG 3720 - Population Dynamics

Prerequisite: Any introductory social science course.

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.

Credit: 3

GEOG 3730 - Economic Geography

Prerequisite: ECON 2010 or 2015; GEOG 2000 or 2600.

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.

Credit: 3

GEOG 3750 - Military Geography

Prerequisite: GEOG 1000; any introductory social science course.

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.

Credit: 3

GEOG 4700 - Geographic Information Systems

Prerequisite: GEOG 1000 or 2000.

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.

Credit: 3

GEOL - Geology

GEOL 1000 - 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).

Credit: 3

GEOL 2000 - Physical Geology: The Science of Earth

Prerequisite: CHEM 2052.

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

Credit: 3 or 4

GEOL 3010 - Volcanoes: Effects on Humanity and the Environment

Prerequisite: GEOG 2000; may be taken concurrently.

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.

Credit: 3

GEOL 3020 - Hydrogeology

Prerequisite CHEM 2050; MATH 2214; GEOL 2000 is recommended.

Quantitative treatment of the freshwater components of the hydrologic cycle including stream flow, ground water flow, and water quality.

Credit: 3

GEOL 3030 - The History of Life and the Earth

Prerequisite: GEOG 2000; may be taken concurrently.

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.

Credit: 3

GEOL 3040 - Geochemistry

Prerequisite: A grade of C- or higher in any WC&IL II course; GEOG 2000.

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.

Credit: 3

GEOL 3950 - Geology Practicum

Geology practicum.

Credit: 3

GEOL 4010 - Contaminant Hydrogeology

Prerequisite: CHEM 2050, 2051, 2052, 2053, and GEOL 3020.

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, and quantitative aspects (computer modeling of contaminant transport).

Credit: 3

GEOL 4950 - Geology Practicum

Geology Practicum.

Credit: 3

GEOL 6010 - Contaminant Hydrogeology

Prerequisite: CHEM 2050, 2051, 2052, 2053, and GEOL 3020.

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, and application of hydrogeologic and geochemical theory and practice to the protection of aquifers using quantitative methods and computer modeling.

Credit: 3

HAWN - Hawaiian

HAWN 1100 - 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.

Credit: 4

HAWN 1200 - Beginning Hawaiian II

Prerequisite: HAWN 1100.

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.

Credit: 4

HAWN 2100 - Intermediate Hawaiian I

Prerequisite: HAWN 1200.

Conversation, reading, writing, grammar, and traditional Hawaiian culture. This is the first semester of a two-semester sequence.

Credit: 4

HAWN 2200 - Intermediate Hawaiian II

Prerequisite: HAWN 2100.

Conversation, reading, writing, grammar, and traditional Hawaiian culture. This is the second semester of a two- semester sequence.

Credit: 4

HIST - History

HIST 1001 - 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.

Credit: 3

HIST 1002 - 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 20th century; trace the disintegration of western empires after World War II; and ponder the global challenges of the post-Cold War era.

Credit: 3

HIST 1401 - 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.

Credit: 3

HIST 1402 - 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.

Credit: 3

HIST 1558 - 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.

Credit: 3

HIST 1717 - 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 America on the eve of World War I.

Credit: 3

HIST 2111 - Introduction to Greco-Roman Civilization

Prerequisite: Any WC&IL I course.

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.

Credit: 3

HIST 2112 - Medieval and Early Modern Europe

Prerequisite: Any WC&IL I course.

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.

Credit: 3

HIST 2113 - Modern Europe

Prerequisite: Any WC&IL I course.

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.

Credit: 3

HIST 2251 - Introduction to Russian Civilization

Prerequisite: Any WC&IL I course.

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.

Credit: 3

HIST 2301 - Introduction to Asian Civilizations

Prerequisite: Any WC&IL I course.

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.

Credit: 3

HIST 2311 - Introduction to Chinese Civilization

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 2321 - Introduction to Japanese Civilization

Prerequisite: Any WC&IL II course.

Japanese history from its prehistoric origins to contemporary developments. Focuses on significant themes: art, political institutions, literature, and socio-economic structures.

Credit: 3

HIST 2451 - History of Latin America

Prerequisite: Any WC&IL I course.

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.

Credit: 3

HIST 2630 - The History of Science and Technology

Prerequisite: Any WC&IL I course.

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 limited to) celestial mechanics, evolutionary theory, atomic power, and the personal computer.

Credit: 3

HIST 2900 - The Historian's Craft

Prerequisite: Any WC&IL I course

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. Students will become familiar with a variety of approaches to the study of the past, learn basic skills and ways of thinking that are essential to doing history, and be taken step by step through the process of researching and writing a historical paper.

Credit: 3

HIST 2999 - Special Topics in History

Prerequisite: Any WC&IL I course

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.

Repeatable for up to 6 credits.

Credit: 3

HIST 3000 - Citizenship and Border Identities in European History

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3070 - History of Sexuality

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3101 - Greek History to Alexander

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3102 - The Age of Alexander the Great

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3111 - Roman Republic and Empire

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3151 - Medieval Europe

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3170 - Gender and Sexuality in the Classical World

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3222 - Europe and the Age of Revolution

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3225 - The Enlightenment and the French Revolution

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3231 - Europe: the 20th Century

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3242 - History of Spain

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3252 - Modern Russian History

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3270 - Gender in Medieval and Early Modern Europe

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3302 - History of Modern China

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3322 - History of Modern Japan

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3326 - Cultural History of Japan

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3352 - History of Modern South East Asia

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3362 - History of India

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3411 - U.S.: Jackson to Civil War

Prerequisite: Any WC&IL II course.

A class survey of the course of American history during one of its key formative periods, including 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.

Credit: 3

HIST 3414 - "Untied States:" Race and Ethnicity in American History

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3421 - Gilded Age/Progressive Era

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3441 - U.S. History since World War II

Prerequisite: Any WC&IL II course.

The study of social, political, economic, and cultural forces shaping the United States from 1945 through the 1990s. Featured units include surveys of influential people, development and conflict of political and economic ideas and policies, and cultural trends.

Credit: 3

HIST 3461 - American Intellectual History

Prerequisite: Any WC&IL II course.

The major ideas and trends in thought from colonization to the present, with particular emphases on the beliefs that shape American society today.

Credit: 3

HIST 3465 - U.S. -Japanese Relations 1853–Present

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3470 - Women in America

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3480 - History of Leisure and Sport in America

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3501 - Islam and the Middle East

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3551 - Pacific Island History

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3556 - History of Hawai'i

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3559 - Preservation—Hawai'i's Heritage

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3571 - The African Diaspora

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3576 - The Atlantic World in the Age of Empire

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3650 - History of Oil in the Modern World

Prerequisite: Any WC&IL II course.

The History of Oil in the Modern World will explore the rise of oil as a strategic commodity and its influence on world politics and economic systems in the modern period, from its discovery in 1859 to its role in the strategic relationships between the Middle East and other nations today. We will study its uses and the dominance of Western oil companies in its extraction in Russia, the Middle East, Indonesia, Venezuela, Nigeria, and Libya. The role of oil in our daily lives and the global and local impacts of the use of oil will also be examined.

Credit: 3

HIST 3655 - Bubbles, Panics, and Depressions: A World History of Economic Crisis

Prerequisite: Any WC&IL II course.

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 to 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.

Credit: 3

HIST 3661 - History of Warfare to 1500

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3662 - War and Society Since 1500

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3666 - U.S. Military History

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3668 - Military History of Hawai‘i

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3670 - Racism, Violence, and Genocide in Modern World History

Prerequisite: Any WC&IL II course.

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 nation-state and its citizens, and the role of the international community in preventing future genocide.

Credit: 3

HIST 3676 - U.S. Diplomatic History

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3776 - Modern Imperialism

Prerequisite: Any WC&IL II course.

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 20th century and its contemporary manifestations.

Credit: 3

HIST 3777 - Hawai‘i in World History

Prerequisite: Any WC&IL II course.

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; and 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.

Credit: 3

HIST 3780 - Modern World Revolutions

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3788 - Food in World History

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3792 - Encounters and Exchanges in Modern World History

Prerequisite: Any WC&IL II course

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.

Credit: 3

HIST 3900 - Research and Writing across Time and Culture

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HIST 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

HIST 3999 - Special Topics in History

This course addresses unique and special topics. Consequently, both course content and instructor will vary. Possible topics might include: gender, world history, race, politics, society, the world at war, the American experience, the Asia-Pacific, or other thematic or regionally-focused courses. Repeatable for up to 9 credits when topic varies.

Credit: 3

HIST 4661 - History of Military Thought

Prerequisite: Any 3000-level history course.

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, Clauswitz, and Jomini; and their impact on both strategy and policy is discussed.

Credit: 3

HIST 4900 - Seminar in History

Prerequisite: Any 3000-level history course.

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.

Credit: 3

HIST 4901 - Seminar: World History

Prerequisite: Any 3000-level history course.

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.

Credit: 3

HIST 4911 - Seminar: Ancient History

Prerequisite: Any 3000-level history course.

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.

Credit: 3

HIST 4961 - Seminar: Military History

Prerequisite: Any 3000-level history course.

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.

Credit: 3

HIST 4997 - Directed Readings in History

Directed individualized reading. May be repeated for credit if content or topic is different.

Credit: 1 to 3

HIST 6011 - Approaches to World History

Prerequisite: Graduate standing.

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.

Credit: 3

HIST 6061 - Modern Imperialism

Prerequisite: Graduate standing.

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 20th 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).

Credit: 3

HIST 6062 - Modern World Revolutions

Prerequisite: Graduate standing.

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, and gender and the 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.

Credit: 3

HIST 6063 - Seminar: Atlantic System

Prerequisite: Graduate standing.

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.

Credit: 3

HIST 6065 - Modern Nationalism

Prerequisite: Graduate standing.

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 20th 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.

Credit: 3

HIST 6066 - Comparative Slavery

Prerequisite: Graduate standing.

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.

Credit: 3

HIST 6067 - Gender in World History

Prerequisite: Graduate standing.

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.

Credit: 3

HIST 6101 - The Ancient Mediterranean World

Prerequisite: Graduate standing.

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.

Credit: 3

HIST 6221 - Early Modern Europe

Prerequisite: Graduate standing.

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.

Credit: 3

HIST 6231 - Modern European History

Prerequisite: Graduate standing.

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.

Credit: 3

HIST 6300 - Seminar: Chinese History

Prerequisite: Graduate standing.

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.

Credit: 3

HIST 6320 - Seminar: Japanese History

Prerequisite: Graduate standing.

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.

Credit: 3

HIST 6401 - U.S. History to 1877

Prerequisite: Graduate standing.

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.

Credit: 3

HIST 6402 - American History since 1865

Prerequisite: Graduate standing.

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.

Credit: 3

HIST 6551 - Pacific Islands History

Prerequisite: Graduate standing.

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.

Credit: 3

HIST 6556 - Hawaiian History

Prerequisite: Graduate standing.

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.

Credit: 3

HIST 6571 - Seminar: African History

Prerequisite: Graduate standing.

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.

Credit: 3

HIST 6600 - Seminar: Military History—Methods, Approaches & Historiography

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

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.

Credit: 3

HIST 6601 - Seminar: Theory/Practice Diplomacy

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

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.

Credit: 3

HIST 6611 - Seminar: War in the Ancient World

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

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.

Credit: 3

HIST 6622 - Seminar: The Military Revolution

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

A seminar that centers on a topic that has engaged historians for the past forty year, the military revolution debate which suggests a revolution in warfare that helped place Europe on to the road of world dominance. This course examines the question as to whether there was indeed a military revolution or rather an evolution.

Credit: 3

HIST 6627 - Seminar: The First World War

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

The purpose of this course is to provide an in-depth analysis of World War I 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.

Credit: 3

HIST 6628 - Seminar: The Second World War

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

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.

Credit: 3

HIST 6631 - Seminar: Ways of War in China

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

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.

Credit: 3

HIST 6632 - Seminar: Ways of War in Japan

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

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.

Credit: 3

HIST 6641 - Seminar: The American Way of War

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

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.

Credit: 3

HIST 6643 - Seminar: The American Revolution

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

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.

Credit: 3

HIST 6645 - Seminar: The American Civil War

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

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.

Credit: 3

HIST 6648 - Seminar: 20th Century U.S. Military History

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

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.

Credit: 3

HIST 6649 - Race, Sex, and War in U.S. History

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

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.

Credit: 3

HIST 6650 - Oil: History, Security, and Sustainability

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, a Certificate in National Security Studies, or a Certificate in Sustainability and Security Studies.

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.

Credit: 3

HIST 6658 - Seminar: 20th Century Naval Warfare

Prerequisite: Graduate standing Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

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.

Credit: 3

HIST 6661 - Seminar: European Diplomatic History

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

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.

Credit: 3

HIST 6662 - Seminar: U.S. Diplomatic History

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

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.

Credit: 3

HIST 6663 - Seminar: East Asian Diplomatic History

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

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.

Credit: 3

HIST 6664 - Middle Eastern Diplomatic History

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

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.

Credit: 3

HIST 6665 - International History of the Cold War

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

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.

Credit: 3

HIST 6667 - Modern American Cultural Diplomacy: "A Diplomacy of Peoples"

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

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.

Credit: 3

HIST 6670 - History of Genocide

Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, a Certificate in National Security Studies, or a Certificate in Sustainability and Security Studies.

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.

Credit: 3

HIST 6680 - History of Military Thought

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, a Certificate in National Security Studies, or a Certificate in Sustainability and Security Studies.

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.

Credit: 3

HIST 6990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 9 credit hours.

Credit: 1-3

HIST 6996 - Special Topics in World History

Prerequisite: Graduate standing.

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.

Credit: 3

HIST 6997 - Directed Readings in History

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

Directed individualized readings. May be repeated for credit if content or topic is different.

Credit: 1 to 3

HIST 6998 - Special Topics in Diplomatic History

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

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.

Credit: 3

HIST 6999 - Special Topics in Military History

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

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.

Credit: 3

HIST 7101 - Teaching and Research Methods

Prerequisite: Graduate standing.

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.

Credit: 3

HIST 7201 - Thesis Paper

Prerequisite: Graduate standing.

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.

Credit: 3

HIST 7601 - Seminar: Research Methods in Diplomacy and Military Studies

Prerequisite: Graduate standing.

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.

Credit: 3

HIST 7602 - Capstone Seminar: Writing in Diplomacy and Military Studies

Prerequisite: Graduate standing.

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.

Credit: 3

HIST 7603 - Capstone Seminar: Thesis Writing in Diplomacy and Military Studies

Prerequisite: Graduate standing.

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.

Repeatable for up to 18 credits.

Credit: 1-9

HMLD - Homeland Security

HMLD 1000 - 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 home- land security, including natural and technological disasters and intentional threats of domestic and international terrorism. Other key issues addressed are civil liberties and diversity, relationship to public safety, and private security.

Credit: 3

HMLD 2000 - Disaster Preparedness & Response

Prerequisite: Any WC&IL I course.

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.

Credit: 3

HMLD 2100 - Dimensions of Terrorism

Prerequisite: Any WC&IL I course.

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.

Credit: 3

HMLD 2900 - Careers in Homeland Security

Prerequisite: Any WC&IL I course.

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.

Credit: 3

HMLD 6000 - Homeland Security

Prerequisite: Graduate standing.

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.

Credit: 3

HON - Residential Honors Program

HON 1000 - 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.

Credit: 4

HON 1100 - Freshman Honors Seminar II: Exploring Hawai‘i and the Pacific

Prerequisite; HON 1000.

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.

Credit: 4

HON 2000 - Sophomore Honors Seminar I

Prerequisite: HON 1100.

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.

Credit: 4

HON 2100 - Sophomore Honors Seminar II

Prerequisite: HON 1100

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.

Credit: 4

HON 2200 - Sophomore Honors Seminar III

Prerequisite: HON 1100

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.

Credit: 4

HON 3000 - Junior Honors Colloquium

Prerequisite: HON 2200 or permission of the Honors Program Advisor.

The key component of the Honors Program is its emphasis upon interdisciplinary knowledge. The Junior Honors 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.

Credit: 3

HON 4900 - Senior Honors Project I

Prerequisite: HON 3000 and permission from the Honors Program Advisor.

This course is the first of two capstone courses for students in the Honors Program, or it 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.

Repeatable for up to 6 credits.

Credit: 1 to 3

HON 4901 - Senior Honors Project II

Prerequisite: HON 4900 and permission from the Honors Program Advisor.

This course is the second of two capstone courses for student in the Honors Program, or it 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.

Repeatable for up to 9 credits.

Credit: 1 to 3

HR - Human Resources

HR 6320 - Global Human Resource Management

Prerequisite: Graduate standing.

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.

Credit: 3

HR 6400 - Human Resource Management

Prerequisite: Graduate standing.

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.

Credit: 3

HR 6401 - Global HR Strategy

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.

Credit: 4

HR 6420 - Compensation Management

Prerequisite: HR 6400. Graduate standing.

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.

Credit: 3

HR 6460 - Human Resource Development

Prerequisite: HR 6400 or 6320. Graduate standing.

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.

Credit: 3

HR 6461 - Conflict Avoidance, Management, and Resolution

A course for graduate students enrolled in the MAODC program. This course allows students to explore the causes of conflict, how to manage them, and how to resolve them. The content is especially geared toward cross-cultural, transnational, or diversity-related conflicts when working with diverse work teams.

Credit: 4

HR 6470 - Collective Bargaining and Labor Relations

Prerequisite: HR 6400 and 6420.

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.

Credit: 3

HR 6990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 9 credit hours.

Credit: 1 to 3

HR 7021 - Certification Seminar in Human Resources

Prerequisite: HR 6400, 6420, 6460 and 6470.

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 Hu- man Resources (PHR). NOTE: Successfully completing this course will not, in and of itself, guarantee passing the certification examination.

Capstone course.

Credit: 3

HRD - Human Resource Development

HRD 1000 - 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.

Credit: 3

HRD 2000 - Integrated Talent Management

Prerequisite: HRD 1000.

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.

Credit: 3

HRD 3100 - Principles of Instructional Design

Prerequisite: HRD 1000.

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.

Credit: 3

HRD 3110 - Training Methods & Delivery

Prerequisite: HRD 1000.

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.

Credit: 3

HRD 3120 - E-Learning and Learning Technologies

Prerequisite: HRD 1000.

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.

Credit: 3

HRD 3300 - Human Resource Development Project Management

Prerequisite: HRD 1000.

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.

Credit: 3

HRD 3400 - Organizational Staffing

Prerequisite: HRD 2000 or concurrent.

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.

Credit: 3

HRD 4000 - HRD Career Development Capstone

Prerequisite: Advisor approval.

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.

Credit: 3

HTM - Hospitality & Tourism Management

HTM 1010 - 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.

Credit: 3

HTM 2010 - Applied Methods in the Hotel and Travel Industry

Prerequisite: HTM 1010.

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.

Credit: 3

HTM 3110 - Hotel and Resort Management

Prerequisite: BUS 1000 or any WC&IL I course.

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.

Credit: 3

HTM 3210 - Food and Beverage Management

Prerequisite: BUS 1000 or any WC&IL I course.

An analysis of the principal operating problems and procedures as they relate to the various types of food and beverage operations ranging from fast food to gourmet facilities. Factors to be addressed include: delivery systems, cost controls, menu planning, inventory analysis, ethnic cuisine and service, and sanitation standards.

Credit: 3

HTM 3220 - Special Events Management

Prerequisite: BUS 1000 or any WC&IL I course.

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.

Credit: 3

HTM 3400 - Resort Planning and Design

Prerequisite: HTM 2010.

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, product design, operations and management, and trends and outlook.

Credit: 3

HTM 3510 - Travel Agency Management

Prerequisite: MGMT 3100 and HTM 1010.

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.

Credit: 3

HTM 3535 - Psychology of Tourism and Travel

Prerequisite: PSY 1000 or HTM 1010; any WC&IL II course.

Refer to PSY 3150.

Credit: 3

HTM 3580 - Cultural Values and Hotel Management

Prerequisite: BUS 1000 or any WC&IL I course.

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.

Credit: 3

HTM 3610 - Travel Industry Marketing

Prerequisite: MKTG 3000.

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.

Credit: 3

HTM 3645 - Human Resource Management in Travel Industry Management

Prerequisite: BUS 1000 or HTM 1010; or their equivalents; HTM 3990

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.

Credit: 3

HTM 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. HTM internships require a minimum of 200 hours for 1 credit, 400 hours for 2 credits, and 600 hours for 3 credits. Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

HTM 4110 - Hotel Rooms Management

Prerequisite: CSCI 3201 and HTM 3110; HTM 3990.

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.

Credit: 3

HTM 4210 - Advanced Food and Beverage

Prerequisite: HTM 3210; HTM 3990.

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.

Credit: 3

HTM 4310 - Passenger Transport Management

Prerequisite: CSCI 3201 and HTM 3610; HTM 3110 or 3210; and COOP 2990, 3990, 3991, HTM 3990, or 3991.

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.

Credit: 3

HTM 4410 - Destination Development and Marketing

Prerequisite: HTM 3110 and 3610; and COOP 2990, 3990, 3991, HTM 3990, or 3991.

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.

Credit: 3

HTM 4620 - Travel Industry Financial Analysis and Controls

Prerequisite: ACCT 2010; CSCI 3201; and HTM 3990.

The study of hospitality industry financial statements and the uniform system of accounts used in hotel departmental operating statements. The course also emphasizes budget planning, forecasting, and other financial data used in the management decision-making process.

Credit: 3

HTM 4635 - Advanced Business Law: Hotel and Travel

Prerequisite: HTM 3110 and 3210; HTM 3990.

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.

Credit: 3

HTM 4655 - Information Systems Issues in HTM

Prerequisite: CSCI 3201; HTM 3110 and 3610; and HTM 3990.

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.

Credit: 3

HTM 4692 - Management of Customer Service Organizations

Prerequisite: HTM 3110, 3610, 3645, or MGMT 3400; and HTM 3990.

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.

Credit: 3

HTM 4997 - Directed Readings in Travel Industry Management

Directed individualized readings. May be repeated for credit if content and topic is different.

Credit: 1 to 3

HTM 6990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 9 credit hours.

Credit: 1 to 3

HTM 6997 - Directed Readings in Travel Industry Management

Prerequisite: Graduate Standing

Directed individualized readings. Repeatable for credit.

Credit: 1 to 3

HUM - Humanities

HUM 1000 - 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.

Credit: 3

HUM 1270 - 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.

Credit: 3

HUM 3000 - The Contemporary Choices

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HUM 3100 - Alternative Futures

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HUM 3601 - Mythology

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HUM 3900 - Research and Writing in the Humanities

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HUM 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Credit: 1 to 3

HUM 4500 - The World Problematique

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HUM 4550 - The Military and Social Change

Prerequisite: Any WC&IL II course.

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.

Credit: 3

HUM 4900 - Interdisciplinary Seminar and Integrative Project

Prerequisite: Senior standing.

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.

Credit: 3

INDV - Individualized Major

INDV 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Credit: 1 to 3

INDV 4900 - Individualized Major Capstone

Prerequisite: Terminal semester of Individualized Major

This capstone course integrates coursework, knowledge, skills, and experiential learning to enable the students to demonstrate a broad mastery of learning resulting from the culmination of the individualized major. Unless another medium (e.g., film, photo essay, a piece of fiction, collection of poetry) is applicable, students complete a thesis paper that addresses material relevant to their individualized curriculum. In addition to the written assignment based on new or continued research, students will also produce an oral presentation of their findings that allow reflection upon and demonstration of the achievements made throughout their interdisciplinary, individualized degree plan.

Credit: 3

Internships

3990/6990 - Internships

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

INTR - International Studies

INTR 1000 - 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.

Credit: 3

INTR 1100 - Global Environmental Politics and Sustainability

This course examines the political impact of environmental issues and sustainability. Specific attention is paid to the relationship among individuals, civil society, the state, markets, international organizations, and NGOs in promoting or discouraging change centered around the environment and sustainable policymaking. Science is often viewed as apolitical but this course will demonstrate how science impacts the political process and vice versa.

Credit: 3

INTR 3000 - International Relations

Prerequisite: Any lower-division social science course plus any WC&IL II course.

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.

Credit: 3

INTR 3100 - International Political Economy

Prerequisite: Any lower-division social science course plus any WC&IL II course.

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.

Credit: 3

INTR 3200 - National and International Security

Prerequisite: Any lower-division social science course plus any WC&IL II course.

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.

Credit: 3

INTR 3250 - Peace-Building and Conflict Management

Prerequisite: Any lower-division social science course plus any WC&IL II course.

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.

Credit: 3

INTR 3275 - Global Governance

Prerequisite: Any lower-division social science course plus any WC&IL II course.

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, Doc- tors 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.

Credit: 3

INTR 3300 - International Law

Prerequisite: Any lower-division social science course plus any WC&IL II course.

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.

Credit: 3

INTR 3350 - International Human Rights

Prerequisite: A grade of C- or higher in any WC&IL II course.

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.

Credit: 3

INTR 3375 - Civil Resistance and Non-Violent Movements

Prerequisite: A grade of C- or higher in any WC&IL II course.

This course examines non-violent resistance movements utilized in the US and around the world, including civil resistance, civil disobedience, protests, boycotts, and unarmed revolutions. Students will learn how groups utilize various non-violent techniques and why some of these groups meet their goals while others face violent repression.

Credit: 3

INTR 3400 - International Relations of Asia

Prerequisite: Any lower-division social science course plus any WC&IL II course.

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.

Credit: 3

INTR 3500 - 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.

Credit: 3

INTR 3900 - Contemporary Nations Seminar

Prerequisite: PSCI 1400 or 2000; any WC&IL II course.

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.

Credit: 3

INTR 3905 - Contemporary Nations: European Union

Prerequisite: Any lower-division social science course plus any WC&IL II course.

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.

Credit: 3

INTR 3910 - Contemporary Nations: France

Prerequisite: A grade of C- or higher in any WC&IL II course; PSCI 1400, 2000, or 2500. Undergraduate standing.

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 *laïcité*, social movements, immigration and citizenship, globalization and economy, culture, and foreign policy.

Credit: 3

INTR 3920 - Contemporary Nations: Central and Eastern Europe

Prerequisite: PSCI 1400 or 2000; any WC&IL II course.

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.

Credit: 3

INTR 3930 - Contemporary Nations: China

Prerequisite: PSCI 1400 or 2000; any WC&IL II course.

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.

Credit: 3

INTR 3931 - Contemporary Nations: Hong Kong

Prerequisite: PSCI 1400 or 2000; any WC&IL II course.

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.

Credit: 3

INTR 3932 - Contemporary Nations: Taiwan

Prerequisite: PSCI 1400 or 2000; any WC&IL II course.

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.

Credit: 3

INTR 3933 - Contemporary Nations: Southeast Asia

Prerequisite: PSCI 1400 or 2000; any WC&IL II course.

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.

Credit: 3

INTR 3935 - Contemporary Nations: Japan

Prerequisite: A grade of C- or higher in any WC&IL II course; PSCI 1400 or 2000.

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.

Credit: 3

INTR 3936 - Contemporary Nations: Korea

Prerequisite: PSCI 1400 or 2000; any WC&IL II course.

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.

Credit: 3

INTR 3940 - Contemporary Nations: USA

Prerequisite: A grade of C- or higher in any WC&IL II course; PSCI 1400 or 2000.

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?

Credit: 3

INTR 3945 - Contemporary Nations: Latin America

Prerequisite: Any WC&IL II course; any introductory social science course.

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 region's place in global affairs.

Credit: 3

INTR 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

INTR 4110 - Diaspora Cultures

Prerequisite: Any introductory social science course; Any WC&IL II course.

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.

Credit: 3

INTR 4900 - Senior Seminar in International Studies

Prerequisite: PSCI 2100 or SOC 3100; and two upper-division PSCI or INTR courses

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.

Credit: 3

INTR 6300 - International and Domestic Emergency Management

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies.

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.

Credit: 3

INTR 6990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 9 credit hours.

Credit: 1 to 3

INTR 6997 - Special Topics in International Studies

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security 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).

Credit: 3

IS - Information Systems

IS 6005 - Information Systems Management

Prerequisite: Graduate standing.

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.

Credit: 3

IS 6006 - Information Systems Management

Prerequisite: Graduate standing.

This course cover concepts methodologies and frameworks related to leading and managing the IS function in the organization, information systems strategic planning, acquiring information systems/technology, and managing information systems projects in addition to the ethical and security related issues related to managing information systems in modern organization.

Credit: 3 to 4

IS 6020 - Modern Methods in Project Management

Prerequisite: Graduate standing.

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.

Credit: 3

IS 6022 - Methods in Project Management

Prerequisite: Graduate standing.

This course combines project management topics with modern methods of software support. Students study initiating, planning, executing, monitoring/controlling and closing processes of predictive project management. Students also experience Agile project management. Students will be able to analyze a project situation for its applicability to an Agile or predictive approach.

Credit: 3 to 4

IS 6040 - Business Analytics

Prerequisite: Graduate standing.

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, and communicate with analytics professionals to effectively use analytic models and interpret results for making better business decisions.

Credit: 3

IS 6041 - Business Analytics for the Big Data Revolution

Prerequisite: MGMT 6002, Graduate standing

This course provides students with the fundamental theories, concepts and tools to understand the emerging role of business analytics in modern organizations, apply visualization techniques, and communicate with analytics professionals to effectively use and interpret analytic models and results for making better business decisions.

Credit: 3 to 4

IS 6050 - Software Design and Construction

Prerequisite: MIS 3050.

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.

Credit: 3

IS 6065 - Database Management

Prerequisite: MIS 3060.

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.

Credit: 3

IS 6066 - Enterprise Data Management

Prerequisite: Graduate standing.

This course provides an overview of enterprise data management systems. Course topics include data modeling, SQL and NoSQL programming, data quality and integration, Big Data, database administration, and security. Students will investigate relational and non-relational models and be able to recommend an appropriate approach based on system requirements.

Credit: 3 to 4

IS 6070 - Systems Architecture

Prerequisite: MIS 3070.

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.

Credit: 3

IS 6110 - Comparative Software Engineering

Prerequisite: MIS 3060, IS 6050.

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.

Credit: 3

IS 6120 - Software Engineering Practicum

Prerequisite: IS 6050, 6065, and 6110. Graduate standing.

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.

Credit: 3

IS 6130 - Telecommunications

Prerequisite: Graduate standing.

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.

Credit: 3

IS 6230 - Knowledge Management

Prerequisite: Graduate standing.

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.

Credit: 3

IS 6250 - Global Information Systems

Prerequisite: Graduate standing.

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; and security and privacy issues involving users, data, storage, telecommunications, physical and virtual systems.

Credit: 3

IS 6260 - Network Analysis

Prerequisite: Graduate standing.

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.

Credit: 3

IS 6280 - Data Mining for Business Intelligence

Prerequisite: Graduate standing.

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.

Credit: 3

IS 6281 - Data Mining for Big Data Analytics

Prerequisite: Graduate standing.

Big Data is the oil of the new digital economy. In this course, students will gain a better understanding of both well-established and cutting-edge methodologies, algorithms, techniques, and tools being employed to clean, prepare, and mine large volumes of data to extract meaningful business insights.

Credit: 3 to 4

IS 6330 - Advanced Issues in Connectivity

Prerequisite: IS 6130. Graduate standing.

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, and security in a connected environment.

Credit: 3

IS 6340 - Information Systems Security

Prerequisite: IS 6070. Graduate standing.

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.

Credit: 3

IS 6341 - Information Security Foundations

Prerequisite: Graduate standing.

This course provides a comprehensive introduction to information systems security and privacy. Topics include: system security analysis, security system design principles, security analysis tools, modern security practices, and testing. Using a combination of research and hands-on methods, students become familiar with modern encryption methods, security beach detection, and security audits.

Credit: 3 to 4

IS 6351 - Information Security Management

Prerequisite: Graduate standing.

This course provides a comprehensive introduction to information security management. Topics include: Information Security Governance, Information Security Risk Management, Information Security Program Development and Management, Information Security Incident Management (ISIM).

Credit: 3 to 4

IS 6360 - Big Data

Prerequisite: Graduate standing.

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.

Credit: 3

IS 6380 - Systems Forensics

Prerequisite: IS 6070. Graduate standing.

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.

Credit: 3

IS 6381 - Information Systems Forensics

Prerequisite: IS 6341. Graduate standing

This course will provide an overview of systems forensics in an information systems environment. There will be a focus 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.

Credit: 4

IS 6910 - Special Topics in Information Systems

Prerequisite: Graduate standing

This is a special topics course in Information Systems that contains subject matter or content intended to address specialized issues that are contemporary within the Information Systems field of study.

Credit: 1 to 3

IS 6990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 9 credit hours.

Credit: 1 to 3

IS 6997 - Selected Topics in Information Systems

Prerequisite: Graduate standing.

Directed individualized readings. Course content will vary as set forth in an approved syllabus. May be repeated when content has changed.

Credit: 1 to 3

IS 7100 - Graduate Thesis/Applied Project Proposal

Prerequisite: IS 6005, 6020, 6070, 6110; Graduate standing.

Initial design and development of the MSIS thesis or major research project.

Capstone course.

Credit: 3

IS 7200 - Graduate Thesis/ Applied Project

Prerequisite: IS 7100. Graduate standing.

Completion of MSIS thesis/applied project.

Capstone course.

Credit: 3

IS 7300 - MSIS Integrated Capstone

Prerequisite: IS 6005, 6010, 6040, 6050, 6070, 6110, 6120, 6340. Graduate standing.

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.

Credit: 3

IS 7500 - MSIS Integrated Capstone

Prerequisite: Graduate standing.

The courses is a capstone seminar focusing on the strategic perspective for aligning competitive strategy, core competencies, and the design and management of organizational information systems. Additionally, the course includes a project allowing students to demonstrate their ability to plan and implement an information systems project in a client setting.

Credit: 3 to 4

JPE - Japanese

JPE 1100 - Beginning Japanese I

An introduction to written and spoken Japanese, as well as Japanese culture. This is the first semester of a two-semester sequence.

Credit: 3

JPE 1200 - Beginning Japanese II

Prerequisite: JPE 1100.

An introduction to written and spoken Japanese, as well as Japanese Culture. This is the second semester of a two-semester sequence.

Credit: 3

JPE 2100 - Intermediate Japanese I

Prerequisite: JPE 1200.

Conversation, reading, grammar, and Japanese culture. This is the first semester of a two-semester sequence.

Credit: 3

JPE 2200 - Intermediate Japanese II

Prerequisite: JPE 2100.

Conversation, reading, grammar, and Japanese culture. This is the second semester of a two-semester sequence.

Credit: 3

JPE 3100 - Advanced Japanese I

Prerequisite: JPE 2200.

Advanced conversation, reading, grammar, and Japanese culture. This is the first semester of a two-semester sequence.

Credit: 3

JPE 3200 - Advanced Japanese II

Prerequisite: JPE 3100.

Advanced conversation and Japanese culture, stressing the ability to understand extended conversations and to develop fluency in conversational Japanese on a variety of topics.

Credit: 3

JPE 4100 - Advanced Japanese III

Prerequisite: JPE 3100.

Advanced course in reading and writing, emphasizing vocabulary development, comprehension skills, and basic writing skills on a variety of topics.

Credit: 3

JPE 4200 - Advanced Japanese IV

Prerequisite: JPE 3100.

Advanced conversation, reading, grammar, and Japanese culture, emphasizing development of all language skills.

Hawai'i Pacific University

Credit: 3

KOR - Korean

KOR 1100 - 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.

Credit: 3

KOR 1200 - Beginning Korean II

Prerequisite: KOR 1100.

An introduction to written and spoken contemporary Korean, as well as Korean culture. This is the second semester of a two-semester sequence.

Credit: 3

KOR 2100 - Intermediate Korean I

Prerequisite: KOR 1200.

Conversation, reading, grammar, and Korean culture. This is the first semester of a two-semester sequence.

Credit: 3

KOR 2200 - Intermediate Korean II

Prerequisite: KOR 2100.

Conversation, reading, grammar, and Korean culture. This is the second semester of a two-semester sequence.

Credit: 3

LAW - Law

LAW 3210 - International Law

Prerequisite: Any WC&IL II course with a grade of C- or better.

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.

Credit: 3

LAW 3410 - Constitutional Law

Prerequisite: Any WC&IL II course with a grade of C- or better

A survey of Constitutional law and key legal cases. Issues include: Federalism and the *Federalist Papers;* origin and development of doctrine of judicial review, separation of powers and delegation of legislative power, constitutional powers of the president, state and federal power compared, commerce power of the federal government and power to tax and spend, procedural and substantive due process, the Bill of Rights and the 14th Amendment, rights of persons accused of crimes, equal protection of law, and future trends.

Credit: 3

LAW 3610 - Family Law

Prerequisite: Any WC&IL II course with a grade of C- or better.

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.

Credit: 3

LAW 3710 - Administrative Law

Prerequisite: Any WC&IL II course with a grade of C- or better.

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.

Credit: 3

LAW 3720 - Cybersecurity Laws, Ethics & Compliance

Prerequisites: A grade of C- or better in any WCIL 2 course or HON 1000

This course explores ethical norms around cybersecurity; covers relevant laws, regulations, and standards; and explains how organizations meet requirements to comply with them. We discuss how laws and technology intersect in the context of international, national, and local judicial structures, as organizations safeguard information systems from cyberattacks. Students will be introduced to professional codes of conduct and ethical standards, including breach notification requirements by state, national, and international governing authorities.

Credit: 3

MARS - Marine Science

MARS 1000 - 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.

Credit: 3

MARS 1010 - 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.

Credit: 3

MARS 1020 - Oceanographic Field Techniques

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&IL I course.

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.

Credit: 3

MARS 1040 - Introduction to SCUBA Diving and Marine Life 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. Personal 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.

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 reel fauna a several popular dive sites in Hawai‘i.

Credit: 3

MARS 1500 - 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.

Credit: 3

MARS 2060 - Geological, Chemical, and Physical Oceanography

Prerequisite: BIOL 2052 or CHEM 2052.

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.

Credit: 4

MARS 2061 - Geological, Chemical, and Physical Oceanography Laboratory

Prerequisite: CSCI 1011; BIOL 2053 or CHEM 2053; MARS 1020; MARS 2060 or concurrent.

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.

Credit: 2

MARS 2062 - Marine Biology

Prerequisite: BIOL 2052.

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.

Credit: 3

MARS 2063 - Marine Biology Laboratory

Prerequisite: BIOL 2053, MARS 1020, and 2062 (may be taken concurrently).

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.

Credit: 1

MARS 2100 - Marine Resource Management: Social, Ecological, and Cultural Dimensions

Prerequisite: Any WC&IL II course.

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 will 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.

Credit: 3

MARS 2110 - Ocean Environment of the Pacific Islands

Prerequisite: Any WC&IL II course.

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.

Credit: 3

MARS 3000 - General Oceanography

Prerequisite: BIOL 2052 or CHEM 2052.

An introduction to geological, physical and chemical oceanography. Topics include: earth history, plate tectonics, geophysics, geochemistry, marine sediments, physical properties of salt water, major and minor components of seawater, ocean-atmosphere interactions, weather and climate, ocean circulation, waves, tides, and coastal oceanography.

Credit: 3

MARS 3001 - General Oceanography I Lab

Prerequisite: MARS 1020 (concurrent enrollment allowed) and MARS 3000 (concurrent enrollment allowed); BIOL 2053 or CHEM 2053.

Laboratory and field component of MARS 3000. Students will practice making oceanographic measurements and will summarize their findings in scientific reports.

Credit: 1

MARS 3002 - Ocean Biology

Prerequisite: BIOL 2052 or CHEM 2052

An introduction to biological oceanography and marine biology. This course surveys the vast biodiversity of the oceans from marine viruses and bacteria to invertebrates, fishes, marine reptiles, mammals, and seabirds. Topics include spatial and temporal patterns of productivity, food webs, energetics, ecology and evolution, and anthropogenic impacts on planktonic and benthic organisms and ecosystems.

Credit: 3

MARS 3003 - Ocean Biology Lab

Prerequisite: MARS 1020 (concurrent enrollment allowed) and MARS 3002 (concurrent enrollment allowed); BIOL 2053 or CHEM 2053

Laboratory and field component of MARS 3002. Students will learn how to sample phytoplankton and zooplankton in the field and to identify and quantify local plankton species in the lab. They will learn how to identify local coastal marine species from a diversity of phyla and will be trained in contemporary field survey methods to quantify species in a variety of nearshore habitats. Students will learn how to keep good field and lab notebooks, and how to graph, analyze, interpret, and describe their data in a format consistent with the primary literature of the field.

Credit: 1

MARS 3010 - Underwater Research Techniques

Prerequisite: A grade of C- or higher in any WC&IL II course; MARS 2010. Junior standing.

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.

Credit: 3

MARS 3050 - Biological Oceanography

Prerequisite: MARS 2060, CHEM 3010, 3030, or 3050. Undergraduate standing.

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.

Credit: 3

MARS 3084 - Descriptive Regional Oceanography

Prerequisite: BIOL 2052, CHEM 2052, MARS 3002 (or

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.

Credit: 3

MARS 3100 - Maritime Law and Ocean Policy

Prerequisite: MARS 1500. MARS 2060); any WC&IL II course.

This course provides an overview of the legal framework within which marine management and conservation efforts must function. The complex mosaic of legal authorities will be examined, with relevant examples from local, state, federal and international levels. Topics include coastal management, living marine resources, ocean and coastal pollution from land based sources, marine protected areas, bioprospecting, artificial reefs, and marine operations.

Credit: 3

MARS 3200 - Scientific Diving I

Prerequisite: CHEM 2050, BIOL 2050, or MARS 1020. Must hold an Open Water recreational diving certification with a nationally recognized SCUBA certification agency (e.g., PADI, SSI, NAUI). Must have completed 18 logged dives on SCUBA. Must pass the medical clearance and meet the swimming ability standards per the HPU DIVING SAFETY MANUAL. Must have instructor approval.

This is the first of a two-course sequence to train students in scientific diving based on guidelines from the American Academy of Underwater Sciences (AAUS). The course will cover AAUS training standards, including the history and regulations of scientific diving, diving physics and physiology, causes and prevention of dive injuries, dive equipment, and effective dive planning.

Credit: 3

MARS 3201 - Scientific Diving II

Prerequisite: MARS 3200 Scientific Diving I. Must hold an Open Water recreational diving certification with a nationally recognized SCUBA certification agency (e.g., PADI, SSI, NAUI). Must have completed 18 logged dives on SCUBA. Must pass the medical clearance and meet the swimming ability standards per the HPU DIVING SAFETY MANUAL. Students are required to hold a Divers Alert Network (DAN) membership with "preferred-level" insurance coverage. Must have instructor approval.

This is the second of a two-course sequence to train students in scientific diving based on guidelines from the American Academy of Underwater Sciences (AAUS). The course will build on the theoretical training from the first course and expand on AAUS training standards including in-water training, refining basic SCUBA skills, developing dive rescue skills, conducting emergency responses, expanding Open Water skills and task loading, Nitrox diving, and methods in data collection. Upon successfully completing all requirements of this two-course sequence, students will earn a Scientific diving Certification under the auspices of the AAUS.

Credit: 2

MARS 3590 - Marine Science Practicum

Credit: 3

MARS 3920 - Research: Marine Biology

Credit: 1 to 3

MARS 3930 - Marine Science Seminar

Prerequisite: MARS 3000 or concurrent enrollment.

This seminar course is designed to expose undergraduate students to the latest developments and discoveries in Marine Science, by taking advantage of scientific presentations by professionals from inside and outside HPU. In this seminar, students will attend presentations by guest speakers on current marine research and management issues, and will critically evaluate their format and

content.

Repeatable for up to 3 credits.

Credit: 1

MARS 3950 - Marine Science Practicum

Prerequisite: Any WC&IL II course.

Junior practicum for students interested in working on special topics in marine science under the direction of the marine science faculty.

Credit: 1 to 3

MARS 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

MARS 4030 - Marine Mammal Biology

Prerequisite: BIOL 2052.

This is a survey course of marine mammal biology. The course covers phylogeny, anatomy, physiology, ecology, and behavior of marine mammals.

Credit: 3

MARS 4031 - Marine Mammal Biology Laboratory

Prerequisite: BIOL 2053; MARS 4030 (or concurrent).

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.

Credit: 3

MARS 4040 - Seabird Ecology and Conservation

Prerequisite: MARS 3002.

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. Hands-on activities in the laboratory, field work, and guest lectures by resource managers will augment the course material.

Credit: 3

MARS 4050 - Marine Ecology

Prerequisite: BIOL 3080, 3081; MARS 3002 (or MARS 2060).

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.

Credit: 3

MARS 4060 - Geological Oceanography

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).

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.

Credit: 3

MARS 4061 - Geological Oceanography Laboratory

Prerequisite: BIOL 2053; CHEM 2053; MARS 3003 (or MARS 2061), MARS 4060 (may be taken concurrently); any WC&IL II course.

Laboratory and field component of MARS 4060.

Credit: 2

MARS 4070 - Chemical Oceanography

Prerequisite: BIOL 2052; CHEM 2052; MARS 3002 (or MARS 2060); any WC&IL II course. Co-requisite: MARS 4071.

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.

Credit: 3

MARS 4071 - Chemical Oceanography Laboratory

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.

Laboratory and field component of MARS 4070.

Credit: 2

MARS 4080 - Physical Oceanography

Prerequisite: MARS 3000, 3002, MATH 2214.

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.

Credit: 3

MARS 4081 - Dynamic Physical Oceanography Laboratory

Prerequisite: MARS 3001, 3003, and 4080 (may be taken concurrently).

MARS 4081 is the laboratory and field component of MARS 4080. Students have the opportunity to get extensive hands-on experience with measurement and data analysis techniques commonly used in physical oceanography.

Credit: 2

MARS 4090 - Biological Oceanography

Prerequisite: MARS 3000 and 3002.

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.

Credit: 3

MARS 4100 - Marine Resource Management: Culture and Sustainability

Prerequisite: Any WC&IL II course and any 3000-level MARS, BIOL or ENVS course.

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 will 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.

Credit: 3

MARS 4120 - Coral Reef Ecology and Conservation

Prerequisite: BIOL 3080

Coral reef biology, ecology, and conservation 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. Discussions focus on global climate change and ocean acidification impacts on coral reef organisms, and contemporary ideas on how to address the ongoing crisis facing coral reef ecosystems from a conservation perspective.

Credit: 3

MARS 4210 - Marine Fisheries and Management

Prerequisite: BIOL 2052, 3080; MARS 3000/3002 or ENVS 2000; or consent of instructor.

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.

Credit: 3

MARS 4400 - Marine Conservation Biology

Prerequisite: BIOL 3080.

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.

Credit: 3

MARS 4500 - Marine Sciences Honors Seminar

Prerequisite: MARS 3002 (or MARS 2060).

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.

Credit: 1

MARS 4600 - Honors Research

Prerequisite: MARS 4910 or 4920.

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.

Credit: 3

MARS 4902 - Marine Affairs Senior Seminar

Prerequisite: MARS 3100.

This course is the senior seminar requirement and capstone experience for the BA Marine Affairs degree. Students will examine the pressing problems in marine affairs, exploring different perspectives and sources of information. Students will select a current topic, learn to write a comprehensive literature review or policy brief on an area of particular interest in marine affairs, that encompasses scientific literature, grey literature, public databases, other print media, video documentation and interviews as appropriate. This course requires that students compile and interpret data from interdisciplinary and diverse sources and present the material professionally.

Credit: 3

MARS 4910 - Research Seminar in Marine Biology

Prerequisite: Marine Biology or Oceanography major; MARS 4050 or concurrent. Co-requisite MARS 4911.

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.

Credit: 3

MARS 4911 - Research Experience in Marine Biology

Prerequisite: MARS 4050 or concurrent. Co-requisite MARS 4910.

Program/Major Restrictions: Marine Biology; Oceanography with consent of Instructor.

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.

Credit: 1

MARS 4930 - Research Seminar in Oceanography

Prerequisite: MARS 3002 and 3003; and MARS 4060, 4070, 4080, or 4090, may be taken concurrently. Co-requisite: MARS 4931.

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.

Credit: 3

MARS 4931 - Research Experience in Oceanography

Prerequisite: MARS 3002 and 3003; and MARS 4060, 4070, 4080, or 4090, may be taken concurrently. Co-requisite: MARS 4930.

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 Kaholo, 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.

Credit: 1

MARS 4940 - Advanced Marine Science Seminar

Prerequisite: BIOL 3081 or concurrent.

This seminar course is design to expose undergraduate students to the latest developments and discoveries in a specific area of Marine Science selected by the instructor. In this seminar, students will critically evaluate the content and format of scientific articles, and will take turns leading group discussions.

Repeatable for up to 4 credits.

Credit: 1

MARS 4950 - Senior Science Practicum

Prerequisite: Any WC&IL II course. Senior standing.

Senior practicum opportunity for students anticipating working in the marine sciences after graduation.

Repeatable up to 9 credits.

Credit: 1 to 3

MARS 6000 - Marine Systems I: Geological and Physical Oceanography

Prerequisite: Graduate standing.

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.

Credit: 4

MARS 6002 - Marine Systems II: Chemical and Biological Oceanography

Prerequisite: Graduate standing.

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.

Credit: 4

MARS 6010 - 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 5) impacts at the community and ecosystem levels.

Credit: 3

MARS 6020 - Marine Science Field Methods

Prerequisite: Graduate standing.

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.

Credit: 3

MARS 6030 - Marine Mammal Biology

This is a survey course of marine mammal biology. This course covers phylogeny, anatomy, physiology, ecology and behavior of marine mammals.

Credit: 3

MARS 6040 - Seabird Ecology and Conservation

Prerequisite: Graduate standing.

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.

Credit: 3

MARS 6050 - Marine Ecology

Prerequisite: Graduate standing.

A graduate course emphasizing ecological interactions of marine organisms with their own and other species and with 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.

Credit: 3

MARS 6060 - Geological Oceanography

Prerequisite: Graduate standing.

Survey of phylogeny, anatomy, physiology, behavior and 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 resource managers will augment the course lectures. Students will complete an independent project using observations collected during the course activities.

Credit: 3

MARS 6070 - Chemical Oceanography

Prerequisite: Graduate standing.

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.

Credit: 3

MARS 6080 - Physical Oceanography

Prerequisite: Graduate standing.

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; potentional vorticity and Sverdrup balance; thermohaline circulation; waves; and tides.

Credit: 3

MARS 6090 - Biological Oceanography

Prerequisite: Graduate standing.

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.

Credit: 3

MARS 6120 - Coral Reef Ecology and Conservation

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.

Credit: 3

MARS 6200 - Scientific Diving I

Prerequisite: Must hold an Open Water recreational diving certification with a nationally recognized SCUBA certification agency (e.g., PADI, SSI, NAUI). Must have completed 18 logged dives on SCUBA. Must pass the medical clearance and meet the swimming ability standards per the HPU DIVING SAFETY MANUAL. Must have instructor approval.

This is the first of a two-course sequence to train students in scientific diving based on guidelines from the American Academy of Underwater Sciences (AAUS). The course will cover AAUS training standards including the history and regulations relating to scientific diving, diving physics and physiology, causes and prevention of dive injuries, dive equipment, and effective dive planning.

Credit: 3

MARS 6201 - Scientific Diving II

Prerequisite: MARS 6200 Scientific Diving I. Must hold an Open Water recreational diving certification with a nationally recognized SCUBA certification agency (e.g., PADI, SSI, NAUI). Must have completed 18 logged dives on SCUBA. Must pass the medical clearance and meet the swimming ability standards per the HPU DIVING SAFETY MANUAL. Must have instructor approval.

This is the second of a two-course sequence to train students in scientific diving based on guidelines from the American Academy of Underwater Sciences (AAUS). The course will build on the theoretical training from the first course and expands on AAUS training standards including in-water training, including refining basic SCUBA skills, developing dive rescue skills, conducting emergency responses, expanding Open Water skills and task loading, Nitrox diving, and methods in data collection. Upon successfully completing all requirements of this two-course sequence, students will earn a Scientific Diving Certification under the auspices of the AAUS.

Credit: 2

MARS 6210 - Marine Fisheries and Management

Prerequisite: Enrollment in MSMS or MAGLSD program.

This course will address a marine science branch of great relevance to marine science (MSMS) and global leadership and sustainability (MAGLSD) students, which has not been part of the HPU curriculum to date. This course will be available to graduate students, and will be offered concurrently with a course designed for undergraduate MARS and ENVS (MARS 4210).

Credit: 3

MARS 6300 - Multivariate Applications in Marine Science

Prerequisite: Graduate standing.

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.

Credit: 3

MARS 6400 - Marine Conservation Biology

Prerequisite: Graduate standing.

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.

Credit: 3

MARS 6500 - Computational Methods in Marine Science

This workshop course exposes students to the diverse computational methods used for the manipulation and analysis of large datasets using statistically robust techniques, such as randomization and bootstrapping. Students will practice these techniques using a variety of software tools and specific real-world datasets. Marine science case studies and student projects will augment the lectures and assignments.

Repeatable up to 9 credits.

Credit: 3

MARS 6600 - 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.

Credit: 3

MARS 6910 - Current Topics in Marine Science

Prerequisite: Graduate standing.

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.

Repeatable up to 4 credits

Credit: 1

MARS 6920 - Special Topics in Marine Science

Prerequisite: Graduate standing.

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.

Credit: 1 to 3

MARS 6930 - Marine Science Guest Speaker Series

Prerequisite: Graduate standing or permission of the instructor.

This is a seminar course for students in the MSMS program designed to expose graduate students to new developments and discoveries in Marine Science by taking advantage of seminars by professionals from inside and outside HPU. In this seminar, student will attend presentations by guest speakers on current marine research and management issues and will critically evaluate their format and content.

Repeatable for up to 2 credits.

Credit: 1

MARS 6950 - 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.

Repeatable for up to 3 credits.

Credit: 1 to 3

MARS 6990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 9 credit hours.

Credit: 1 to 3

MATH - Mathematics

MATH 1101 - 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.

Credit: 3

MATH 1102 - Fundamentals of Mathematics Laboratory

Co-requisite: MATH 1101.

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.

Repeatable for up to 2 credits.

Credit: 1

MATH 1105 - Intermediate Algebra

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.

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.

Credit: 3

MATH 1106 - Intermediate Algebra Laboratory

Co-requisite: MATH 1105.

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.

Repeatable for up to 2 credits.

Credit: 1

MATH 1115 - Survey of Mathematics

Prerequisite: MATH 1105 or an appropriate score on a placement test.

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.

Credit: 3

MATH 1116 - Problem Solving

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.

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.

Credit: 3

MATH 1120 - Mathematics in the Modern World

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.

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 will 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.

Credit: 3

MATH 1123 - 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 quantifying the possibility of error and bias.

Credit: 3

MATH 1130 - Pre-Calculus I

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.

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, and 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.

Credit: 3

MATH 1140 - Pre-Calculus II

Prerequisite: A grade of C- or better in MATH 1130 or advisor approval.

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.

Credit: 3

MATH 1150 - Pre-Calculus I and II Accelerated

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.

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.

Credit: 3

MATH 1234 - Introduction 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.

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.

Credit: 3

MATH 2007 - Mathematics Across the Ages

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.

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; and the development of calculus, number theory, abstract algebra, non-Euclidean geometry, set theory, and information theory.

Credit: 3

MATH 2214 - Calculus I

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.

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.

Credit: 3

MATH 2215 - Calculus II

Prerequisite: MATH 2214 or advisor approval.

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, and scalar and vector product.

Credit: 3

MATH 2216 - Calculus III

Prerequisite: MATH 2215.

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, Lagrange multipliers, divergence, and curl. Integration topics include: iterated integrals in rectangular, polar, and spherical coordinates; line integrals; Green's theorem; divergence theorem; and Stoke's theorem.

Credit: 3

MATH 2220 - Proof Writing

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.

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.

Credit: 3

MATH 2326 - Mathematics for Decision-Making

Prerequisite: MATH 1123; MATH 1130 or higher.

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.

Credit: 3

MATH 3110 - Foundations of Mathematical Logic and Applications

Prerequisite: CSCI 1301, MATH 2220, 3301, or consent of instructor. (May be taken concurrently).

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.

Credit: 3

MATH 3220 - College Geometry

Prerequisite: MATH 2215.

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.

Credit: 3

MATH 3234 - Mathematical Cryptology

Prerequisite: MATH 2214 (Calculus I) or higher or consent of instructor.

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; and public-key cryptology, including Diffi-Hellman key exchange, RSA, Knapsack codes, and anonymity. The mathematical subjects include permutations, modular arithmetic, statistics, recurrence relations, and elementary number theoretic results.

Credit: 3

MATH 3240 - Math Concepts for Elementary Teachers

Prerequisite: MATH 1115.

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.

Credit: 3

MATH 3301 - Discrete Mathematics

Prerequisite: MATH 1130, 2220, or consent of instructor.

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.

Credit: 3

MATH 3302 - Elementary Number Theory

Prerequisite: MATH 2215; or MATH 2214 and 3301. Undergraduate standing.

Topics covered include prime and composite integers; factorization; divisibility; number theoretic functions; Diophantine equations; congruence of integers; quadratic reciprocity; mathematical inductions; cryptography; Pythagorean triples; and real, complex and p-adic numbers.

Credit: 3

MATH 3305 - Linear Algebra

Prerequisite: MATH 2214 or higher except MATH 2326 or consent of instructor.

Elementary linear algebra with applications in the sciences and 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.

Credit: 3

MATH 3307 - Differential Equations

Prerequisite: MATH 2214 or higher except MATH 2326/3301. Recommended: MATH 3305.

A course in ordinary differential equations utilizing concepts and techniques from Calculus I and 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.

Credit: 3

MATH 3316 - Problem Solving for Mathematics Teaching

Prerequisite: MATH 2214.

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.

Credit: 3

MATH 3320 - Set Theory

Prerequisite: MATH 2220, 3110, 3301, or consent of instructor.

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 Sets, Set Algebra, Zorn's lemma and other equivalent versions of AC, equivalence relations, well orderings and partial orderings, bijections, Russell's paradox, cofinality, mathematical induction, transfinite induction, ordinals and cardinals, ordinal and cardinal arithmetic, the continuum hypothesis, and the constructible universe.

Credit: 3

MATH 3460 - Probability

Prerequisite: MATH 2215 or consent of instructor.

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.

Credit: 3

MATH 3470 - Applied Statistics

Prerequisite: MATH 2214 or higher except MATH 2326/3301, or consent of instructor. MATH 1123 is strongly suggested but not required.

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.

Credit: 3

MATH 3500 - Numerical Methods

Prerequisite: CSCI 2911; MATH 3305 and 3307; (*May be taken concurrently.)*

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 solutions better suited to the capabilities of computers. Topics for this course include elements of error analysis, root finding, numerical solutions of systems of linear equations, polynomial approximation and interpolation, numerical integration and differentiation, and numerical solution of ordinary and partial differential equations. Students should expect to do some computer programming using MATLAB, FORTRAN, PYTHON, or C.

Credit: 3

MATH 3600 - Mathematics for Data Science

Prerequisite: MATH 3305; MATH 1123 or BIOL 3090 or MATH 3470 or PSY 2100 or consent of instructor

This course covers the mathematics behind a variety of data science concepts and techniques, including (deep) neural networks and Google's page rank algorithm. Its goal is to foster an understanding that promotes effective and efficient use of Data Science methods as well as innovation in the field. A programming language such as Python, together with relevant Data Science libraries, like TensorFlow, will be used.

Credit: 3

MATH 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the

department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

MATH 4210 - Topology

Prerequisite: MATH 2215; and MATH 3310 or higher; or consent of instructor.

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, Hausdorf spaces, product spaces, metric spaces, Tychonoff thereom, Bolzno-Weierstrass theorem, Stone-Weierstrass theorem, and the Baire category theorem.

Credit: 3

MATH 4301 - Combinatorics and Graph Theory

Prerequisite: MATH 3301.

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, graph coloring, Hamiltonian and Euler circuits and paths. Additional topics include computational complexity and the theory of NP-complete problems and theoretical computer science, and recursion theory.

Credit: 3

MATH 4330 - Abstract Algebra

Prerequisite: MATH 3305 or consent of instructor. MATH 2220 is strongly suggested but not required

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.

Credit: 3

MATH 4440 - Real Analysis

Prerequisite: MATH 2215 or consent of instructor. MATH 2220 is strongly suggested but not required.

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.

Credit: 3

MATH 4450 - Complex Analysis

Prerequisite: MATH 2216, or consent of instructor.

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.

Credit: 3

MATH 4470 - Partial Differential Equations

Prerequisite: MATH 3307

This course explores applications of differential equations. Topics for this course include application of second order linear equations, series solutions of second order linear equations including Euler equations and Bessel's equation, partial differential equations and Fourier series including heat equation, wave equation, and Laplace's equation.

Credit: 3

MATH 4471 - Applications of Differential Equations

Prerequisite: MATH 3305, 3307; or consent of instructor.

Topics for this course include systems of first order linear equations, qualitative theory (existence, uniqueness, stability, and periodicity), boundary value problems, and Sturm-Liouville theory.

Credit: 3

MATH 4475 - Modeling and Simulation

Prerequisite: CSCI 2912; MATH 1123 and 2214.

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.

Credit: 3

MATH 4920 - Math Education Practicum

Prerequisite: MATH 3316, or any other MATH 3000-level class, or consent of instructor.

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.

Credit: 3

MATH 4940 - Research in Logic or Pure Math

Prerequisite: Senior status as a math major.

Text will vary depending on subject of concentration of each student. Forty percent of the grade will be determined by a final project, 40% by final presentation, and 20% by oral exams so that the Instructor can evaluate students on their preparation, effort, and ability to solve problems independently.

Repeatable for up to 6 credits.

Credit: 1 to 3

MATH 4950 - Research in Applied Mathematics

MATH 4950 Research in Applied Mathematics is an upper-division course for senior students from any major in CNCS. Students work closely with a faculty member in the Department of Mathematics who will guide them in learning advanced topics and doing research in applied mathematics. The topics broadly encompass mathematical modeling, data analysis, numerical implementation, etc. in interdisciplinary studies, depending on students' majors and needs. There is no prerequisite but MATH 3307 Differential Equation is highly recommended.

Repeatable for up to 6 credits.

Credit: 1 to 3

MATH 4960 - Observation/Participation

Credit: 3

MATH 4980

Secondary math student teaching practicum in math student teaching.

Credit: 3

MC - Mass Communication

MC 1000 - 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.

Credit: 3

MC 2100 - Mass Communication Research

Prerequisite: MC 1000 or COM 1000 or COM 2000

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.

Credit: 3

MC 2200 - 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.

Credit: 3

MC 3120 - Writing for Digital Media

Prerequisite: Any WC&IL I course.

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.

Credit: 3

MC 3300 - Social Media

Prerequisite: MC 1000 or COM 1000.

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.

Credit: 3

MC 3700 - Creativity and Copywriting

Prerequisite: Any WC&IL I course

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; through 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.

Credit: 3

MC 3720 - Audience Behavior

Prerequisite: Any WC&IL I course.

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.

Credit: 3

MC 3730 - News Media Strategies & Sales

Prerequisite: MC 1000; recommend sophomore or higher.

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, how to work with editorial staff for placement of public relations material. Includes selected media tours.

Credit: 3

MC 3740 - Crisis Communication

Prerequisite: MC 1000 or any WC&IL I course.

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, and personnel disasters and domestic terror threats. The course covers related research, strategic planning, presentations, media relations, government relations, and international relations.

Credit: 3

MC 3750 - Special Events Planning

Prerequisite: MC 1000.

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 vender management, risk management, event research, and event evaluation.

Credit: 3

MC 3760 - Integrated Campaigns

Prerequisite: MC 1000 and any upper-division MC course.

An overview of organizational promotional strategies including planning, budgeting, media selection, message design, and timing. Case studies illustrate using mass media special events, in-store displays, advertising, public relations, and visual communication to affect audience behavior. Industry dynamics, controversies, trends and implications are analyzed.

Credit: 3

MC 3900 - News Writing for Kalamalama

Prerequisite: Any WC&IL I course.

This course covers the basic requirements of newswriting and reporting for the student run newspaper *Kalamalama.* This class will include interviewing, outside reporting assignments, covering news events and creating news stories for the online newspaper and its social media channels. Student reporters may repeat the course up to three times for a total of 3 credit hours as an unrestricted, upper division elective.

Credit: 1

MC 3910 - Selected Topics in Mass Communication

Prerequisite: Any WC&IL I course.

Course title, content, and prerequisites will vary. May be repeated for a total of 9 credits when title and content have changed.

Credit: 3

MC 4900 - Capstone Experience

Prerequisite: Department permission.

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, as wells the planning strategies and implementation techniques, in order to develop a strong integrated plan for an existing organization in the Honolulu community.

Credit: 3

MGMT - Management

MGMT 1050 - Writing for Management

The course focus is on improving comprehension, vocabulary, and reading.

Credit: 3

MGMT 2000 - Principles of Management

Prerequisite: BUS 1000. Undergraduate standing.

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.

Credit: 3

MGMT 2050 - 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.

Credit: 3

MGMT 2060 - 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.

Credit: 3

MGMT 2300 - 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.

Credit: 3

MGMT 3000 - Management and Organization Behavior

Prerequisite: A grade of C- or higher in any WC&IL II course; BUS 1000.

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.

Credit: 3

MGMT 3100 - Business in Contemporary Society

Prerequisite: BUS 1000; any WC&IL II course.

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.

Credit: 3

MGMT 3060 - The Legal and Regulatory Context for Managers

Prerequisite: A grade of C- or higher in any WC&IL II course; BUS 1000 (previously MGMT 1000).

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.

Credit: 3

MGMT 3061 - Business Law and Ethics

This course examines the role of the law and ethical decision making on business ownership and management, and the impact of these business decisions on society at large. Topics focus on ethical doctrines and general business law topics including torts, contracts, consumer law, property law, employment law, environmental law, and international law.

Credit: 3

MGMT 3100 - Business in Contemporary Society

Prerequisite: BUS 1000; any WC&IL II course.

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.

Credit: 3

MGMT 3110 - Production and Operations Management

Prerequisite: A grade of C- or higher in any WC&IL II course; BUS 1000.

An analysis of the optimization of production resources, measurement and evaluation of man-machine systems, and management principles applicable to the technical care of the organization.

Credit: 3

MGMT 3200 - Small Business Management

Prerequisite: BUS 1000; any WC&IL II course.

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.

Credit: 3

MGMT 3210 - Contemporary Entrepreneurship

Prerequisite: MGMT 3200.

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.

Credit: 3

MGMT 3220 - 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.

Credit: 3

MGMT 3230 - Seminar: Small Business Consulting

Prerequisite: Any WC&IL II course. Senior standing.

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.

Credit: 3

MGMT 3300 - International Business Management

Prerequisite: A grade of C- or higher in any WC&IL II course; BUS 1000.

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.

Credit: 3

MGMT 3310 - Contemporary Japan-United States Relations

Prerequisite: MGMT 3300.

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.

Credit: 3

MGMT 3400 - Human Resource Management

Prerequisite: BUS 1000; any WC&IL II course.

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.

Credit: 3

MGMT 3410 - Public Personnel Administration

Prerequisite: BUS 1000 or PSCI 3200; any WC&IL II course.

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.

Credit: 3

MGMT 3420 - Compensation Management

Prerequisite: MGMT 3400.

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.

Credit: 3

MGMT 3421 - Managing Employee Benefit Plans

Prerequisite: MGMT 3400.

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.

Credit: 3

MGMT 3430 - Negotiation

Prerequisite: MGMT 3400.

A course that reveals the art and science of negotiation through both theory and practice.

Credit: 3

MGMT 3440 - Organizational Change and Development

Prerequisite: BUS 1000; any WC&IL II course.

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.

Credit: 3

MGMT 3441 - Managing Organizational Performance

Prerequisite: MGMT 3400.

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.

Credit: 3

MGMT 3442 - Managing Organizational Culture

Prerequisite: MGMT 3440.

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.

Credit: 3

MGMT 3443 - Designing Organizational Change

Prerequisite: MGMT 3440.

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.

Credit: 3

MGMT 3444 - Training and Development in Organizations

Prerequisite: MGMT 3400.

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.

Credit: 3

MGMT 3500 - Strategic Planning

Prerequisite: A grade of C- or higher in any WC&IL II course; BUS 1000.

An analysis of modern strategic planning, thought, and practice for the manager and of systems approach to planning and decision-making, including management processes, informational support, and public relations evaluation.

Credit: 3

MGMT 3510 - Backgrounds of Business

Prerequisite: BUS 1000; any WC&IL II course.

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.

Credit: 3

MGMT 3550 - Business Research Methods

Prerequisite: ECON 2010, 2015; and MATH 1123; Any WC&IL II course.

Research process and design, data collection, hypothesis testing, and reporting. The course features econometrics and other quantitative applications in business research.

Credit: 3

MGMT 3650 - 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.

Credit: 3

MGMT 3700 - Human Resource Planning and Staffing

Prerequisite: Undergraduate standing.

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 multi-national companies and overseas assignments, succession planning, and analysis of work force productivity.

Credit: 3

MGMT 3750 - International Human Resource Management

Prerequisite: MGMT 3400. Undergraduate standing.

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.

Credit: 3

MGMT 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

MGMT 4000 - Strategic Human Resource Management

Prerequisite: MGMT 3650, 3700, and 3750. Undergraduate standing.

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, and work systems. This course covers domestic and international issues, as well as organizational change and development.

Credit: 3

MGMT 4001 - Business Policy

Prerequisite: Academic advisor approval required.

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.

Credit: 3

MGMT 4011 - Implementing Organizational Change

Credit: 3

MGMT 4021 - Professional Certification Seminar in Human Resource Management

Prerequisite: MGMT 3000, 3400, 3420, and 3440. Senior standing.

A capstone course for undergraduate students enrolled in the BSBA program with a human resources management con- centration, 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.

Credit: 3

MGMT 4632 - Strategic Business and the Web

Credit: 3

MGMT 4950 - Human Resource Development Practicum

Prerequisite: MGMT 3444.

This course focuses on the practical issues facing the field of training and development. It provides students an under- standing 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.

Credit: 3

MGMT 4997 - Directed Readings in Management

Directed individualized readings.

Credit: 1 to 3

MGMT 6000 - Foundations of Teamwork and Leadership

Prerequisite: Graduate standing.

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.

Credit: 3

MGMT 6002 - Leadership of Self and Others

Prerequisite: Graduate standing.

This course examines essential aspect of leadership, organizational culture and group dynamics. The seminar surveys various leadership styles, the characteristics, effectiveness and appropriateness of each for different situations. Additionally, the course explore the interaction or organizational culture and leadership on team and organization functioning. Leadership behaviors are analyzed and discussed.

Credit: 3 to 4

MGMT 6010 - Production and Operations Management

Prerequisite: MS 6000. Graduate standing.

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.

Credit: 3

MGMT 6020 - The Regulatory and Ethical Environment of Business

Prerequisite: Graduate standing.

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 current local and international issues that offer a foundation in ethical thought.

Credit: 3

MGMT 6210 - Entrepreneurship

Prerequisite: MGMT 6000 and MKTG 6000. Graduate standing.

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.

Credit: 3

MGMT 6300 - International Business Management

Prerequisite: MGMT 6000 and MKTG 6000. Graduate standing.

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.

Credit: 3

MGMT 6310 - Contemporary Japan-United States Relations

Prerequisite: Graduate standing.

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.

Credit: 3

MGMT 6330 - National Culture and Comparative Management

Prerequisite: Graduate standing.

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.

Credit: 3

MGMT 6331 - Managing Across Nations in the 21st Century

Prerequisite: MGMT 6002, Graduate standing.

This course provides the students with the knowledge of cross-national differences in management and organization and their effects on multinational enterprises. In comparing management practice around the world, the course covers topics such as national cultures, national political economics, and management of multinational corporations.

Credit: 3 to 4

MGMT 6350 - Global Markets in Transition

Prerequisite: Graduate standing.

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.

Repeatable for up to 9 credits.

Credit: 3

MGMT 6360 - Global Competition and Strategy

Prerequisite: Graduate standing.

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.

Credit: 3

MGMT 6430 - International Negotiations

Prerequisite: Graduate standing.

This course will allow students the opportunity to learn fundamental skills of negotiation and mediation which are applicable across countries and cultures. Learning is accomplished through theoretical understanding, regular practice in simulations, and insight from experts in the field.

Credit: 3

MGMT 6900 - Strategic Management in the Fourth Industrial Revolution

This course examines firm performance, as well as strategy formulation and implementation issues from a general manager's viewpoint. In studying firm strategy, the course introduces analytical tools used to 1) position a business in relation to competition, 2) conduct external and analyses, and 3) compete in international markets.

Credit: 3

MGMT 6990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 9 credit hours.

Credit: 1 to 3

MGMT 6997 - Directed Readings in Management

Prerequisite: Graduate Standing

Directed individualized readings. Repeatable for credit. *May be repeated for credit if content and topic is different.*

Credit: 1 to 3

MGMT 7001 - Strategic Management I

Prerequisite: ECON 6000, FIN 6000, IS 6005, MGMT 6000, MKTG 6000, and MS 6000. Graduate standing.

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.

Credit: 3

MGMT 7002 - Strategic Management II

Prerequisite: ACCT 6000, MGMT 6020 and 7001. Graduate standing.

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.

Credit: 3

MGMT 7004 - MBA Capstone Project

Prerequisite: ECON 6001, FIN 6001, IS 6041, MKTG 6001, MGMT 6331, MGMT 6900

The Capstone Project provides MBA students with integrative problems that require a general management perspective. Where possible real-world business problems have to be solved. This project requires the use of a variety of business tools for root cause analysis. This course has a strong emphasis on identifying those areas in which the plan can fail. The student has to design a 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.

Credit: 3 to 4

MIS - Management Information Systems

MIS 2000 - 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.

Credit: 3

MIS 3000 - Foundations of Information Systems

Prerequisite: MIS 2000 (can be taken concurrently).

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.

Credit: 3

MIS 3020 - Information Systems Project Management

Prerequisite: MIS 2000 (can be taken concurrently) and any WC&IL II course.

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.

Credit: 3

MIS 3050 - Application Development

Prerequisite: MIS 2000 (can be taken concurrently) and any WC&IL II course.

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, and 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.

Credit: 3

MIS 3060 - Systems Analysis and Design

Prerequisite: MIS 2000 (can be taken concurrently).

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.

Credit: 3

MIS 3065 - Data and Information Management

Prerequisite: MIS 2000 (can be taken concurrently).

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.

Credit: 3

MIS 3070 - IT Infrastructure

Prerequisite: MIS 2000 and any WC&IL II course.

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.

Credit: 3

MIS 4000 - Enterprise Architecture

Prerequisite: MIS 2000 (can be taken concurrently).

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.

Credit: 3

MKTG - Marketing

MKTG 3000 - Principles of Marketing

Prerequisite: BUS 1000; any WC&IL II course.

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.

Credit: 3

MKTG 3100 - Consumer Behavior

Prerequisite: MKTG 3000; MATH 1123 or 3323.

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.

Credit: 3

MKTG 3110 - Market Research

Prerequisite: MKTG 3000; MATH 1123 or 3323.

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.

Credit: 3

MKTG 3200 - Product Development

Prerequisite: MKTG 3000.

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.

Credit: 3

MKTG 3410 - Integrated Marketing Promotion

Prerequisite: MKTG 3000. Undergraduate standing.

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.

Credit: 3

MKTG 3420 - International Marketing

Prerequisite: MKTG 3000.

A course that focuses on problems and issues in: marketing management; strategic planning; research and analysis; advertising; and product distribution in international business.

Credit: 3

MKTG 3500 - Web Advertising

Prerequisite: MKTG 3000.

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.

Credit: 3

MKTG 3520 - Sales Force Management

Prerequisite: MKTG 3000.

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.

Credit: 3

MKTG 3600 - Guerilla Marketing

Prerequisite: MKTG 3000.

Certain situations and products often require extraordinary initiatives. The basic marketing process is reviewed with an 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.

Credit: 3

MKTG 3610 - Sports Marketing

Prerequisite: MKTG 3000.

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.

Credit: 3

MKTG 3620 - Services Marketing

Prerequisite: MKTG 3000.

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.

Credit: 3

MKTG 3630 - Global Distribution and Supply Chain Marketing

Prerequisite: MKTG 3000.

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.

Credit: 3

MKTG 3700 - Electronic Marketing

Prerequisite: MKTG 3000.

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.

Credit: 3

MKTG 3710 - Data Base Marketing

Prerequisite: CSCI 3201 and MKTG 3000.

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.

Credit: 3

MKTG 3950 - Practicum

Credit: 1 to 7

MKTG 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

MKTG 4000 - Integrated Marketing

Prerequisite: MKTG 3000.

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.

Credit: 3

MKTG 4100 - Customer Relationship Marketing

Prerequisite: MKTG 3000.

A vast repertoire of techniques for maximizing customer satisfaction and, thereby, 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.

Credit: 3

MKTG 4400 - Marketing Management

Prerequisite: MKTG 3000.

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.

Credit: 3

MKTG 4410 - Advertising Management

Credit: 3

MKTG 4950 - Practicum

Credit: 1 to 6

MKTG 4997 - Directed Readings in Marketing

Directed individualized readings.

Credit: 1 to 3

MKTG 6000 - Marketing Strategy for Managers

Prerequisite: Graduate standing.

A marketing systems course using the case-study method and 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.

Credit: 3

MKTG 6001 - Strategic Marketing in the Digital Age

Prerequisite: MGMT 6002, may be taken concurrently; Graduate standing.

The course focuses on formulating and implementing marketing management strategies and policies. It provides a systematic framework about how new technologies will change business with an insistence that strategy drive tactics, and with a measurement mindset.

Credit: 3 to 4

MKTG 6100 - Global Consumer

Prerequisite: MKTG 6000. Graduate standing.

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.

Credit: 3

MKTG 6110 - Market Research

Prerequisite: MKTG 6000 and MS 6000. Graduate standing.

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.

Credit: 3

MKTG 6200 - Strategic Brand Management

Prerequisite: MKTG 6000. Graduate standing.

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.

Credit: 3

MKTG 6310 - Sales Force Management

Prerequisite: MKTG 6000. Graduate standing.

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.

Credit: 3

MKTG 6410 - Marketing Promotion Management

Prerequisite: MKTG 6000. Graduate standing.

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 planning and managing, environmental and legal issues, and the social and economic effects of advertising. Case studies and contemporary examples are used.

Credit: 3

MKTG 6420 - International Marketing

Prerequisite: MKTG 6000. Graduate standing.

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.

Credit: 3

MKTG 6700 - Electronic Marketing

Prerequisite: MKTG 6000. Graduate standing.

This course examines the impact of the internet on 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.

Credit: 3

MKTG 6990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 9 credit hours.

Credit: 1 to 3

MKTG 6997 - Directed Readings in Marketing

Prerequisite: Graduate standing.

Directed individualized readings. *May be repeated for credit if content or topic is different.*

Credit: 1 to 3

MS - Management Science

MS 6000 - Decision Models for Managers

Prerequisite: MATH 1123 or equivalent. Graduate standing.

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.

Credit: 3

MS 6997 - Directed Readings in Management Science

Prerequisite: Graduate standing.

Directed individualized readings. *May be repeated for credit if topic or content is different.*

Credit: 1 to 3

MSL - Military Science

MSL 1000 - 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.

Credits may be granted for up to 4 attempts.

Credit: 1

MSL 1010 - 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.

Credit: 2

MSL 1011 - Introduction to Military Science I Lab

Co-requisite: MSL 1010.

Practical application in adventure training, one-rope bridges, rifle marksmanship, land navigation, drill and ceremonies, physical training.

Credit: 1

MSL 1020 - 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.

Credit: 2

MSL 1021 - Introduction to Military Science II Lab

Co-requisite: MSL 1020.

Practical application in adventure training, one-rope bridges, rifle marksmanship, land navigation, drill and ceremonies, physical training.

Credit: 1

MSL 2010 - 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.

Credit: 3

MSL 2020 - 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.

Credit: 3

MSL 2030 - ROTC Basic Camp

Prerequisite: Consent.

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.

Credit: 6

MSL 3010 - Leading Small Organizations I

Prerequisite: MSL 1010, 1020, 2020 or consent.

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 lecture, 2 hours lab)

Credit: 4

MSL 3020 - Leading Small Organizations II

Prerequisite: MSL 1010, 1020, 2020, 3010 or consent.

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 lecture, 2 hours lab)

Credit: 4

MSL 3030 - ROTC Advanced Camp

Prerequisite: MSL 3010, 3020, and consent.

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.

Credit: 6

MSL 3910 - History of Military Warfare

Prerequisite: Consent.

Lecture/discussion on the art and science of warfare with concentration on U.S. military history from the Colonial Period to present. Generally restricted to Army ROTC students, requiring twenty pages of graded writing assignments. A–F only

Credit: 3

MSL 3990 - Directed Reading and Research

Prerequisite: Consent.

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.

Credits may be granted for up to 3 attempts.

Credit: 1 to 9

MSL 4000 - Fundamentals of Leadership

Introduces students to the fundamentals of leadership. Activities challenge students to connect theory to practice, develop positive relationships through application of effective leadership concepts for leader development, and team-building.

Credit: 3

MSL 4010 - Leadership Challenges and Goal Setting

Prerequisite: MSL 1010, 1020, 2010, 3010, 3020; or consent.

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 youngers cadets.

Credit: 4

MSL 4020 - Transition to Lieutenant

Prerequisite: MSL 1010, 1020, 2010, 2020, 3010, 3020, and 4010 or consent.

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)

Credit: 4

MSL 4990 - Advanced Military Research

Prerequisite: Department approval.

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.

Credit: 1 to 8

MULT - Multi Media

MULT 1050 - 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 an HDSLR 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.

Credit: 3

MULT 1100 - 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.

Credit: 3

MULT 2000 - Global Cinema Studies

Prerequisite: Any WC&IL II course.

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.

Credit: 3

MULT 2060 - Global Media Studies

Prerequisite: Any WC&IL II course.

This course explores the history of the media, the technology, regulations, programming, ratings, the international scene, sales and advertising, and the audience and its effects.

Credit: 3

MULT 2460 - Graphic Design Studio

Prerequisite: CSCI 1011, 1041, or MULT 1100. Undergraduate standing.

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, 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.

Credit: 3

MULT 2465 - Motion Picture Production

Prerequisite: A grade of C- or higher in any WC&IL II course; MULT 1100. Undergraduate standing.

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.

Credit: 3

MULT 2485 - Animation Production and Design

Prerequisite: MULT 1100 or Instructor Approval

In this course, students will be introduced to the different categories of animation including sequential drawing, tweening, 3D, and motion design. The use of computer software that uses keyframes will allow students to create video transitions, title sequences, animated logos, and simple character performances. This class will also teach students how to execute project planning, storyboards, and animatics.

Credit: 3

MULT 3360 - Writing for New Media

Prerequisite: COM 1200, or MULT 2060; any WC&IL II course.

A course that focuses on the skills and style necessary for creating a variety of messages for radio, television, and new media.

Credit: 3

MULT 3400 - Design Systems and Portfolio

Prerequisite: MULT 2460.

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.

Credit: 3

MULT 3470 - TV Studio Production

Prerequisite: MULT 3360 or 3465. Undergraduate standing.

An introduction to the skills required in television studio production. Areas covered will include filming and composition, continuity, character and 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 studio productions.

Credit: 3

MULT 3475 - Web Interface and Design

Prerequisite: MULT 2460.

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.

Credit: 3

MULT 3500 - Cinematography Workshop

Prerequisite: MULT 2465.

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.

Credit: 3

MULT 3510 - Non-linear Audio-Visual Editing

Prerequisite: MULT 1050 or 1100. Undergraduate standing.

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.

Credit: 3

MULT 3600 - Creative Narrative Production

Prerequisite: MULT 2465; WRI 3320.

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, 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.

Credit: 3

MULT 3651 - Game Design

Prerequisite: MULT 3475.

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 and 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 2-D games in JavaScript/HTML5 and 3-D games in systems such as the Unreal Engines. Course also briefly covers interactive narrative text adventures, mobile games, and game artificial intelligence.

Credit: 3

MULT 3675 - Advanced Web Design

Prerequisite: MULT 2460 or 3475.

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.

Credit: 3

MULT 3700 - Radio and Audio Production

Prerequisite: Any WC&IL II course; MULT 2060

This course covers digital audio capture and processing for multiple platforms including radio, cinematic forms, and television. Students learn and practice techniques for recording, editing, mixing, and presenting audio. Areas addressed include: foley, sound effects, interviewing, voice over, and music.

Credit: 3

MULT 3750 - Motion Graphics and Compositing

Prerequisite: MULT 2460 and 2465.

This course covers motion graphics and compositing using Adobe After Effects and other related software. The 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.

Credit: 3

MULT 3770 - 3D Animation Studio

Prerequisite: MULT 2460 or 2465 or instructor approval.

This course examines 3D asset creation, animation, and rendering using relevant software. The pervasive impact of 3D animation technology can be found in contemporary films, television shows, scientific simulations, video games, and across disciplines and industries. Students who take this class will learn how to create characters, environments, and props which they will bring to life through various animation strategies and techniques.

Credit: 3

MULT 3780 - Global Documentary

Prerequisite: MULT 1050 or MULT 1100.

This course explores the history, theories, production practices and ethical considerations of documentary filmmaking. Topics include how documentary filmmaking evolved; close textual analysis of documentary films; ethical issues of the documentary mode; and practical applications, including subject research, narrative development, camera operations, lens choices, lighting, collaboration, budgeting, producing, and postproduction. The course provides students with the knowledge, insights, and skill set needed to research and develop a documentary film project while facilitating the development of the student's cinematic voice and vision. This is a project-based course, and the final outcome includes a documentary pitch package and short film.

Credit: 3

MULT 3785 - Animation Storytelling

Prerequisite: MULT 3750 or MULT 3770 or Instructor Approval

Students will create character-driven narratives and tell stories through the medium of animation. The coursework will cover character creation and development, including personality profiles and character design sheets. Students will collaborate to build environments for their characters to exist and perform in. Screenplays, storyboards, and animatics will be used to plan animation production.

Credit: 3

MULT 3910 - Selected Topics in Multimedia

Prerequisite: Undergraduate standing.

Course title, content, and prerequisites will vary. May be repeated for a total of 9 credits when title and content have changed.

Credit: 1 to 3

MULT 3950 - Contemporary Cinema Studies

Prerequisite: MULT 2000.

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.

Credit: 3

MULT 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

MULT 4010 - Postproduction Studio

Prerequisite: MULT 3600 or MULT 3750.

This course allows multimedia students to focus on nonlinear projects currently in postproduction. Students use cinematic, motion graphics, and narrative skills to produce advanced mixed media artifacts. The course gives students the opportunity to develop projects and refine their editing, color-correction, and audio skills while enhancing professional portfolios and demo reels.

Repeatable for up to 6 credits.

Credit: 3

MULT 4100 - Visual Culture and Media Theory

Prerequisite: MULT 2000 or COM 3260; and ENG 2301 or 3330.

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.

Credit: 3

MULT 4590 - 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.

Credit: 3

MULT 4702 - Mobile Design

Prerequisite: MULT 3475.

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.

Credit: 3

MULT 4900 - Multimedia Seminar

Prerequisite: MULT 3600 or MULT 3750.

This capstone course allows multimedia students to use acquired design, cinematic and narrative skills to produce advanced mixed media projects. The course gives students the opportunity to develop and refine their professional portfolios and demo reels. Graphic design, web design, writing, and interactive skills will be tested and challenged as students design their final baccalaureate projects.

Course may be repeated one time for a total of 6 credit hours.

Credit: 3

MUS - Music

MUS 1000 - 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.

Credit: 3

MUS 1400 - Music Fundamentals I

An introduction to the fundamental workings of tonal music: reading and notating music; rudiments of music theory and terminology; elementary formal analysis; development of aural skills, including interval recognition, sight-singing, and rhythmic, melodic and harmonic dictation. Individual listening lab work required outside of class.

Credit: 3

MUS 1600 - 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.

Repeatable for up to 8 credits.

Credit: 1

MUS 1710 - 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.

Credit: 1

MUS 2101 - Music in World Culture

Prerequisite: Any WC&IL I; may be taken concurrently.

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).

Credit: 3

MUS 2400 - Music Theory I

Prerequisite: MUS 1400 or consent of instructor.

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.

Credit: 3

MUS 3010 - Jazz History

Prerequisite: Any WC&IL II course.

An introduction to the evolution of jazz, from its roots in West Africa, on the journey through New Orleans, and to 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.

Credit: 3

MUS 3020 - Vocal Pedagogy

Prerequisite: A grade of C- or better in any WCIL 2 course or HON 1000.

MUS 3020 Vocal Pedagogy is a survey of the study of the human voice and its expressive potential through readings, listening, analyses, observations, and student-guided voice lessons. The course will cover important vocal concepts such as anatomy, alignment, respiration, phonation, resonance, acoustics, vocal health and disorders, changing voice, aging voice, and each issue's corresponding pedagogy.

Credit: 3

MUS 3030 - History of American Musical Theatre

Prerequisite: Any WC&IL II course.

History of American Musical Theatre is a survey course that examines the history and masterworks of musical theatre, 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.

Credit: 3

MUS 3100 - Theatre Music of the World

Prerequisite: Any WC&IL II course.

Theatre Music of the World is an ethnomusicology course with an emphasis on theatre. 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.

Credit: 3

MUS 3210 - Applied Music

Prerequisite: MUS 1400 or consent of instructor.

Applied Music (one credit) consists of private or group lessons on a musical instrument or voice with an applied instructor 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 course instructor. Repeatable for up to 3 credits. Meetings are 30 minutes per week. $200 fee required.

Credit: 1

MUS 3211 - Applied Music

Prerequisite: MUS 1400 or consent of instructor.

Applied Music (two credits) consists of private or group lessons on a musical instrument or voice with an applied instructor 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 course instructor. Repeatable for up to 6 credits. Meetings are 60 minutes per week. $340 fee required.

Credit: 2

MUS 3700 - Hawaiian Ensemble

Prerequisite: An audition is required.

Instrumental and vocal training in contemporary Hawaiian music. Performing venues may include campus events and performances around the state, US Mainland and abroad. Repeatable for credit, up to 8 credits.

Credit: 1

MUS 3710 - International Vocal Ensemble

Prerequisite: An audition is required.

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 (up to 8 credits).

Credit: 1

MUS 3720 - Chamber Orchestra

Prerequisite: An audition is required.

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 (up to 8 credits).

Credit: 1

MUS 4000 - Topics in Music

Prerequisite: Any WC&IL II course.

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. Repeatable for credit (up to 9 credits.)

Credit: 3

NSCI - Natural Sciences

NSCI 1000 - Freshman Science Seminar

An introduction to all aspects of majoring in College of Natural and Computational 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.

Credit: 1

NSCI 2000 - "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 and 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.

Credit: 3

NSCI 2100 - Biotechnology: Problems and Solutions

Prerequisite: Any WC&IL I course.

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.

Credit: 3

NSCI 3000 - Building Sustainable Communities

Prerequisite: A grade of C- or higher in any WC&IL II course.

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.

Credit: 3

NSCI 3950 - Natural Sciences Practicum

An introductory research experience for students interested in working on special topics under the direction of a science faculty mentor.

Credit: 1 to 3

NSCI 6110 - Graduate Seminar I

Prerequisite: Graduate standing.

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.

Credit: 2

NSCI 6112 - Graduate Seminar I

Prerequisite: NSCI 6110 Graduate standing.

This course follows 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.

Credit: 1

NSCI 6120 - Graduate Seminar II - Thesis Presentation

Prerequisite: NSCI 6110. Graduate standing.

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.

Credit: 1

NSCI 6130 - 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.

Credit: 2

NSCI 6450 - 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.

Credit: 3

NSCI 6900 - Master's Research

Prerequisite: Graduate standing.

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.

Repeatable up to 11 credits

Credit: 1 to 6

NSCI 7000 - Master's Thesis

Prerequisite: Graduate standing.

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.

Hawai'i Pacific University

Credit: 3

NUR - Nursing

NUR 2300 - Pharmacology

Prerequisite: Confirmed Placement Request, or accepted Level 1 Nursing Application.

Corequisite: NUR 2930

An introduction to the use of drugs to diagnose, prevent, or treat disease. This course includes dosage calculation which emphasizes critical thinking techniques to effectively, accurately, and safely calculate dosages of medications.

Credit: 3

NUR 2720 - Foundations of Professional Nursing

Prerequisite: Confirmed Placement Request, or accepted Level 1 Nursing Application.

This course introduces students to the values, knowledge, and skills essential for safe, evidence-based professional nursing practice. The theoretical foundations of basic nursing practice are presented. An introduction to the nursing process provides a decision-making framework to assist students in developing critical thinking and beginning priority-setting skills.

Credit: 3

NUR 2721 - Foundations of Professional Nursing Clinical/Lab

Prerequisite: Confirmed Placement Request, or accepted Level 1 Nursing Application.

This course engages students in the application of theory and knowledge to the technical and clinical decision-making skills that are essential for safe, evidence-based professional nursing practice. Clinical and experiential learning laboratory activities provide opportunity to apply foundational nursing concepts to the care of adults in a variety of settings.

Credit: 3

NUR 2730 - Health Assessment and Promotion

Prerequisite: Confirmed Placement Request, or accepted Level 1 Nursing Application.

This course introduces the student to therapeutic communication techniques, health history interview skills, and physical assessment skills as well as the principles of health teaching and health promotion in consideration of the individual's physical, psychological, developmental, cultural, spiritual, and social needs.

Credit: 3

NUR 2731 - Health Assessment and Promotion Lab

Prerequisite: Confirmed Placement Request, or accepted Level 1 Nursing Application.

This course provides an opportunity for students to apply health history interviewing skills and physical assessment skills in an experiential learning laboratory setting. The student will have the opportunity to apply principles of health teaching and health promotion with nursing and development theories in a community service-learning project.

Credit: 2

NUR 2740 - Transition to Baccalaureate Nursing Practice

Prerequisite: Confirmed Placement Request, or accepted Level 1 Nursing Application.

This course is designed for the LPN/LVN, hospital military corpsman (HM), or associate degree RN. It facilitates the transition to baccalaureate level nursing through collegial exploration of the practice of nursing in today’s healthcare system. Emphasis is placed on contemporary issues, management and leadership concepts, and legal/ethical issues.

Credit: 3

NUR 2741 - Transition to Baccalaureate Nursing Practice Clinical/Lab

Prerequisite: Confirmed Placement Request, or accepted Level 1 Nursing Application.

This laboratory course is designed for the LPN/LVN, hospitality military corpsman (HM), or associate degree RN. It facilitates transition to baccalaureate level nursing by providing opportunity for students to advance their nursing theory and skills in an experiential learning laboratory setting. Students receive individualized learning plans specific to their needs.

Credit: 1

NUR 2930 - Pathophysiology

Prerequisite: Confirmed Placement Request, or accepted Level 1 Nursing Application.

Corequisite: NUR 2930

This course provides an in-depth study of human pathological processes and their effects on homeostasis. Emphasis is on interrelationships among organ systems and deviations from homeostasis. Upon completion, students should be able to demonstrate a detailed knowledge of pathophysiology.

Credit: 3

NUR 3710 - Leadership through Evidence-Based Practice & Research

Prerequisite: NUR 2720, 2721, 2730, 2731, 2710.

The focus of this course is on the development of professional nursing skills in leadership, management, research, and evidence-based practice. Content prepares student nurses to find and critically appraise research evidence and identity evidence-based practice models for the translation of knowledge into practice. Leadership theory and management skills necessary for the advancement of quality patient care will be emphasized.

Credit: 3

NUR 3720 - Comprehensive Nursing Care I

Prerequisite: NUR 2720, 2721, 2730, 2731, 2710.

A nursing process framework is applied to the evidence-based, patient-centered care of adult patients with perioperative stressors and/or acute and chronic respiratory, cardiac, integumentary, musculoskeletal, and oncological alterations in health. Students advance their clinical decision-making skills by integrating new knowledge with prior learning of foundational nursing concepts and skills.

Credit: 3

NUR 3721 - Comprehensive Nursing Care I Clinical/Lab

Prerequisite: NUR 2720, 2721, 2730, 2731, 2710.

This course engages students in the application of theory and evidence-based knowledge to technical and clinical decision-making skills essential for professional nursing practice. Clinical and experiential learning laboratory activities provide opportunity to apply theoretical concepts to the care of adult patients with health alteration in a variety of settings.

Credit: 4

NUR 3730 - Mental Health Nursing

Prerequisite: NUR2720, 2721, 27300, 2731, 2710.

This course focuses on the care of patients experiencing cognitive, mental, and behavioral disorders. A nursing-process framework is applied to the evidence-based, patient-centered care of patients facing emotional and psychological stressors as well as promoting and maintaining the mental health of individuals and families.

Credit: 3

NUR 3731 - Mental Health Nursing Clinical/Lab

Prerequisite: NUR 2720, 2721, 2730, 2731, 2710

This course engages students in the application of theory and evidence-based knowledge to the clinical decision-making and care of patients experiencing cognitive, mental, and behavioral disorder. Clinical and experiential learning laboratory activities provide opportunity to apply concepts of mental health nursing care to patients facing emotional and psychological stressors.

Credit: 2

NUR 3740 - Comprehensive Nursing Care II

Prerequisite: NUR 3720, 3721, 3730, 3731, 3710.

A nursing-process framework is applied to the evidence-based, patient-centered care of adult patients with neurologic, sensory, gastrointestinal, renal, reproductive, endocrine, immune/connective tissue, and oncological alterations in health. Students develop clinical reasoning skill by integrating new knowledge with prior learning of comprehensive nursing concepts.

Credit: 3

NUR 3741 - Comprehensive Nursing Care II Clinical/Lab

Prerequisite: NUR 3720, 3721, 3730, 3731, 3710.

This course engages students in the application of theory and evidence-based knowledge to technical and clinical-reasoning skills essential for professional nursing practice. Clinical and experiential learning laboratory activities provide opportunity to apply theoretical concepts to the care of adult patients with health alterations in a variety of settings.

Credit: 4

NUR 3750 - Child and Family Health

Prerequisite: NUR 3720, 3721, 3730, 3731, 3710.

This course provides an integrative, family-centered approach to the care of children using a nursing process framework. Emphasis is placed on normal growth and development, family dynamics, common pediatric disorders, and the promotion of healthy behaviors. Building on prior learning, students develop clinical reasoning skill in evidence-based pediatric care.

Credit: 3

NUR 3751 - Child and Family Health Clinical/Lab

Prerequisite: NUR 3720, 3721, 3730, 3731, 3710.

This course engages in the application of theory and evidence-based knowledge to the technical and clinical reasoning skills essential for pediatric nursing practice. Clinical and experiential learning laboratory activities provide opportunity to apply a family-centered approach to the care of healthy children as well as those with health alterations.

Credit: 3

NUR 3760 - Maternal-Newborn Nursing

Prerequisite: NUR 3720, 3721, 3730, 3731, 3710.

This course provides an integrative, family-centered approach to the care of mothers and newborns using a nursing-process framework. Emphasis is placed on normal and high-risk pregnancies, family dynamics, and the promotion of healthy behaviors. Building on prior learning, students develop clinical-reasoning skill in evidence-based maternal-newborn care.

Credit: 2

NUR 3761 - Maternal-Newborn Nursing Clinical/Lab

Prerequisite: NUR 3720, 3721, 3730, 3731, 3710.

This course engages students in the application of theory and evidence-based knowledge to technical and clinical reasoning skills essential for maternal-newborn nursing practice. Clinical and experiential learning-laboratory activities provide opportunity to apply theoretical concepts to the care of healthy mothers and newborns as well as those with health alterations.

Credit: 1

NUR 3900 - Leadership and Management in Nursing

*Prerequisite: ECON 2010 or 2015; NUR 3964^, 3965^, 3970, 3971, 3980, 3981, 3985, and 3986. (*Must have a grade of C or higher; ^can be taken concurrently.)*

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.

Credit: 2

NUR 3930 - Complementary Healing Methods

Prerequisite: any WC&IL II course.

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.

Credit: 3

NUR 3943 - Transcultural Nursing

Prerequisite: NUR 2950, 2951, 2970, and 2971.

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.

Credit: 3

NUR 3944 - Transcultural Nursing: People of Hawai‘i

Prerequisite: Any WC&IL II course.

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.

Credit: 3

NUR 3945 - Theoretical Foundations of Transcultural Nursing

Prerequisite: NUR 2950 and 2951.

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.

Credit: 1

NUR 3952 - Gerontologic Nursing

*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.*

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.

Credit: 1

NUR 3953 - Gerontologic Nursing Laboratory

*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.*

Clinical component for NUR 3952.

Credit: 2

NUR 3957 - Interventions lab

Prerequisite: NUR 3962/3963, NUR 3980/3981, NUR 3985/3986; Co-requisite: NUR 3964/3965.

Interventional labs are provided to assist students 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. These courses are intended to provide an opportunity to integrate theory, clinical judgment, and technical skills prior to their application in the clinical setting, and thereby assist the student in transitioning from the classroom to the clinical setting.

Credit: 1

NUR 3962 - Adult Health Care I

*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.*

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.

Credit: 3

NUR 3963 - Adult Health Care I Laboratory

*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.*

Clinical Component for NUR 3962.

Credit: 3

NUR 3964 - Adult Health Care II

*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.*

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.

Credit: 3

NUR 3965 - Adult Health Care II Laboratory

*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.*

Clinical Component for NUR 3964.

Credit: 4

NUR 3970 - Altered Mental Health Patterns

*Prerequisite: NUR 2930, 3952, 3953, 3962, 3963, and PSY 3600. (*Must have a grade of C or higher.) Co-requisite: NUR 3971.*

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.

Credit: 3

NUR 3971 - Altered Mental Health Patterns Laboratory

*Prerequisite: NUR 2930, 3952, 3953, 3962, 3963, and PSY 3600. (*Must have a grade of C or higher.) Co-requisite: NUR 3970.*

Clinical component for NUR 3970.

Credit: 2

NUR 3973 - Criminalistics and the Investigation of Injury and Death

Prerequisite: A grade of C- or higher in any WC&IL II course; PSY 1000. (Must have a grade of C- or higher.)

Developing empirical knowledge in forensics related to the investigation of injury and death. Specialized topics in forensic pathology and clinical practice will be discussed.

Credit: 3

NUR 3974 - Forensic Science Experiential Learning

Prerequisite: A grade of C- or higher in any WC&IL II course; NUR/CJ 3550, and NUR3973.

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.

Credit: 3

NUR 3980 - Childbearing Family

*Prerequisite: NUR 2930, 3952, 3953, 3962, and 3963. (*Must have a grade of C or higher.) Co-requisite: NUR 3981.*

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.

Credit: 2

NUR 3981 - Childbearing Family Laboratory

*Prerequisite: NUR 2930, 3952, 3953, 3962, and 3963. (*Must have a grade of C or higher.) Co-requisite: NUR 3980.*

Clinical component for NUR 3980.

Credit: 1 to 2

NUR 3985 - Child and Family Health

*Prerequisite: NUR 2930, 3952, 3953, 3962, and 3963. (*Must have a grade of C or higher.) Co-requisite: NUR 3986.*

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.

Credit: 3

NUR 3986 - Child and Family Health Lab

*Prerequisite: NUR 2930, 3952, 3953, 3962, and 3963. (*Must have a grade of C or higher.) Co-requisite: NUR 3985.*

Clinical component for NUR 3985.

Credit: 1

NUR 3999 - Special Topics in Nursing

Prerequisite: BIOL 2030, 2031, 2032, 2033, 2040, 2041, CHEM 2030, MATH 1123, WRI 1200.

This special topics course will be available to address special topics in nursing. The title, content and prerequisites for this course will vary with instructor and need in the undergraduate nursing program. The course may be repeated when the title and content have changed.

Credit: 1 to 3

NUR 4700 - Research Proposal Development

*Prerequisite: MATH 1123, NUR 3964^, 3965^, 3970, 3971, 3980, 3981, 3985, 3986. (*Must have a grade of C or higher, ^can be taken concurrently.)*

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.

Credit: 3

NUR 4710 - Gerontology

Prerequisite: NUR 3740, 3741, 3750, 3751, 3760, 3761.

This course focuses on advanced concepts of nursing care as they relate to older adult patients with unique physiological and psychosocial needs. Emphasis is placed on promoting health aging and retaining functional ability. Students integrate comprehensive nursing concepts to the management of care for patients with gerontology needs.

Credit: 3

NUR 4711 - Nurse Readiness for Practice

Prerequisite: Completion of semester 3 of the nursing program.

This laboratory course facilitates the graduating BSN student's entry into the registered nursing profession. Includes application of the professional, legal/ethical, and leadership responsibilities of nursing practice in simulated learning activities as well as preparation and practice for NCLEX-RN licensure, resume writing, and interview techniques.

Credit: 1

NUR 4770 - Comprehensive Nursing Care III

Prerequisite: NUR 3740, 3741, 3750, 3751, 3760, 3761.

This course focuses on advanced concepts of nursing care as they relate to adult patients with complex, multisystem alterations in health. Students develop clinical reasoning skill by integrating new knowledge with prior learning of comprehensive nursing concepts in the management of care for patients with multiple needs.

Credit: 3

NUR 4771 - Comprehensive Nursing Care III Clinical/Lab

Prerequisite: NUR 3740, 3741, 3750, 3751, 3760, 3761.

This course engages students in the application of theory and evidence-based knowledge to the clinical reasoning skills essential for professional nursing practice. Clinical and experiential learning-laboratory activities provide opportunity to apply theoretical concepts to the complex care management of adult patients with health alterations in a variety of settings.

Credit: 4

NUR 4780 - Community Health Nursing

Prerequisite: NUR 3740, 3741, 3750, 3751, 3760, 3761.

The course focuses on advanced concepts of nursing care for individuals, families, vulnerable aggregates, communities, and populations. Principles and practices of community health are discussed. Emphasis is placed on assessing factors that influence the health of populations and the delivery of health promotion and disease prevention interventions.

Credit: 3

NUR 4781 - Community Health Nursing Clinical/Lab

Prerequisite: NUR 3740, 3741, 3750, 3751, 3760, 3761.

This course engages students in the application of theory and evidence-based knowledge to the clinical-reasoning skills essential to community nursing. Clinical and experiential learning-laboratory activities provide opportunity to apply advanced concepts of health promotion to the management of care for individuals, families, vulnerable aggregates, communities, and populations.

Credit: 3

NUR 4950 - Comprehensive Health Care

*Prerequisite: NUR 3964, 3965, 3900, and 4700 (*Must have a grade of C or higher.) Co-requisite: NUR 4951.*

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.

Credit: 2

NUR 4951 - Comprehensive Health Care Laboratory

*Prerequisite: NUR 3964, 3965, 3900, and 4700. (*Must have a grade of C or higher.) Co-requisite: NUR 4950.*

NUR 4951 is a clinical component of NUR 4950 and must be taken concurrently with NUR 4950.

Credit: 4

NUR 4960 - Developing a Healthy Community

*Prerequisite: NUR 3964, 3965, 3900, and 4700. (*Must have a C or higher.) Co-requisite: NUR 4961.*

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.

Credit: 2

NUR 4961 - Developing a Healthy Community Laboratory

Prerequisite: Completion of Level 4 Nursing requirements or Department approval; Co-requisite: NUR 4960.

Clinical component for NUR 4960.

Credit: 3

NUR 6000 - Advanced Practice Roles in a Diverse Society

Prerequisite: Graduate standing in nursing.

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.

Credit: 3

NUR 6005 - Epidemiology

Prerequisite: Graduate standing in nursing.

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.

Credit: 2

NUR 6010 - Advanced Pathophysiology

Prerequisite: Graduate standing in nursing.

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.

Credit: 3

NUR 6015 - Community/Public Health Policy and Program Planning

Prerequisite: Graduate standing in nursing.

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.

Credit: 3

NUR 6020 - Advanced Nursing Research

Prerequisite: Graduate standing in nursing.

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.

Credit: 3

NUR 6025 - Applied Drug Therapies for the APRN

Prerequisite: Graduate standing in nursing.

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.

Credit: 3

NUR 6026 - Psychopharmacology Across the Lifespan

Course Restricted to: Psychiatric/Mental Health Graduate Nursing Students

Facilitates the Psychiatric/Mental Health APRN (TCN-focused) through complex role of prescribing psychotropic medications to clients in differing settings. The application of evidence-based knowledge of psychopharmacological principles to treat specific psychiatric conditions is emphasized. Management of iatrogenic/trophicogenic problems caused by pharmacologic agents is explored. Neuropsychiatric development, brain function, neuroanatomy and neurophysiology are examined relational to pharmacologic agents.

Credit: 3

NUR 6030 - Advanced Assessment and Diagnostic Reasoning

Prerequisite: Admission into graduate nursing program

This course expands upon health assessment skills and diagnostic reasoning concepts to determine the health status of clients across the life span. Focuses on the collection and interpretation of clinical data derived from the history and physical exam.

Credit: 3

NUR 6105 - Health Care Informatics

Prerequisite: Graduate standing in nursing.

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 surrounding computer use in patient records and clinical practice.

Credit: 3

NUR 6110 - Teaching Nursing in Cyberspace

Prerequisite: NUR 6956.

This course provides participants with experience in applying instructional design principles, concepts, and evaluation strategies in the cyberspace environment. Stu-dents 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.

Credit: 3

NUR 6950 - Human Resource Management

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. Graduate standing in nursing. Co-requisite: NUR 6951

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.

Credit: 3

NUR 6951 - Agency Management Practicum

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. Graduate standing in nursing. Co-requisite: NUR 6950.

Theories of management and health care systems in a community practice setting are applied to the role of the APN.

Credit: 4

NUR 6952 - Analysis of Communities and Vulnerable Populations

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. Graduate standing in nursing. Co-requisite: NUR 6953.

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.

Credit: 3

NUR 6953 - Community Analysis Practicum

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. Graduate standing in nursing. Co-requisite: NUR 6952.

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, and implementation and the evaluation of strategies to address these needs.

Credit: 4

NUR 6954 - Defined Option Seminar

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. Graduate standing in nursing. Co-requisite: NUR 6955.

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.

Credit: 3

NUR 6955 - Defined Option Practicum

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6025, and 6030. Graduate standing in nursing. Co-requisite: NUR 6954.

The area of special clinical interest defined in NUR 6954 is the setting for this contracted and preceptored clinical experience.

Credit: 4

NUR 6960 - Advanced Theory: Primary Care of Children

Prerequisite: Graduate standing in nursing.

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.

Credit: 3

NUR 6961 - FNP Practicum I

Prerequisite: Graduate standing in nursing.

Novice level application of concepts and principles of assessment, diagnosis, management, and evaluation of clients in primary care settings across the lifespan.

Credit: 3

NUR 6962 - Advanced Theory: Primary Care of Women

Prerequisite: Graduate standing in nursing.

Disease prevention, health promotion, and illnesses in women are comprehensively analyzed for the individual and within the context of their family and community.

Credit: 3

NUR 6963 - FNP Practicum II

Advanced Beginner level application of concepts and principles of assessment, diagnosis, management, and evaluation of clients in primary care settings across the lifespan

Credit: 3

NUR 6964 - Episodic Conditions in Primary Care

Prerequisite: Graduate standing in nursing.

Acute and episodic conditions commonly encountered in the primary care setting are comprehensively analyzed with emphasis on adult and older adult clients in context of family and community. Evidence based practice and culturally relevant care are included.

Credit: 3

NUR 6965 - FNP Practicum III

Prerequisite: Graduate standing in nursing.

Intermediate level application of concepts and principles of assessment, diagnosis, management, and evaluation of clients in primary care settings across the lifespan.

Credit: 3

NUR 6966 - Chronic Conditions in Primary Care

Prerequisite: Graduate standing in nursing.

Chronic conditions commonly encountered in the primary care setting are comprehensively analyzed with emphasis on adult and older adult clients in context of family and community. Evidence based practice and culturally relevant care are included.

Credit: 3

NUR 6967 - FNP Practicum IV

Prerequisite: Graduate standing in nursing.

Advanced level application of concepts and principles of assessment, diagnosis, management, and evaluation of clients in primary care settings across the lifespan.

Credit: 3

NUR 6969 - Practicum V

Prerequisite: Graduate standing in nursing.

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.

Credit: 3

NUR 6970 - Advanced Practice Psychiatric/Mental Health Nursing I

Prerequisite: NUR 6026; Graduate standing in nursing.

Course Restrictions: Psychiatric Mental Health Nurse Practitioner Students

Facilitates the Psychiatric/Mental Health APRN for the complex role of providing mental health care and crisis intervention to adults/geriatric adults of differing social, economic, and cultural backgrounds within a recovery framework. Cultural assessment, psychiatric assessment and diagnosis, differential diagnosis and co-morbidities are incorporated throughout the course. Treatment and management of mental health disorders using a variety of modalities and interventions with emphasis on communication theory and group theory focused on recovery are explored. Synthesis of evidence-based, recovery focused management in concert with social, cultural, environmental, spiritual, and physical needs of the patient and family are emphasized.

Credit: 3

NUR 6971 - Advanced Practice Psychiatric/Mental Health Nursing I Practicum

Prerequisite: NUR 6970; Graduate standing in nursing.

Course Restrictions: Psychiatric Mental Health Nurse Practitioner Students

Facilitates the Psychiatric/Mental Health APRN for the complex role of providing mental health care and crisis intervention to adults/geriatric adults of differing social, economic, and cultural backgrounds within a recovery framework. Cultural assessment, psychiatric assessment and diagnosis, differential diagnosis and co-morbidities are incorporated throughout the course. Treatment and management of mental health disorders using a variety of modalities and interventions with emphasis on communication theory and group theory focused on recovery are explored. Synthesis of evidence-based, recovery focused management in concert with social, cultural, environmental, spiritual, and physical needs of the patient and family are emphasized.

Credit: 5

NUR 6972 - Advanced Practice Psychiatric/Mental Health Nursing II

Prerequisite: NUR 6970; Graduate standing in nursing.

Course Restrictions: Psychiatric Mental Health Nurse Practitioner Students

Facilitates the Psychiatric/Mental Health APRN for the complex role of providing mental health nursing care and crisis intervention to children, adolescents and families of differing social, economic, and cultural backgrounds within a recovery framework. Cultural assessment, psychiatric assessment and diagnosis, differential diagnosis and co-morbidities are incorporated throughout course. Treatment and management of mental health disorders using a variety of modalities and interventions with emphasis on communication theory focused on recovery are explored. Synthesis of evidence-based, recovery focused management in concert with social, cultural, environmental, spiritual, and physical needs of children, adolescents and families are emphasized.

Credit: 3

NUR 6973 - Advanced Practice Psychiatric/Mental Health Nursing II Practicum

Prerequisite: NUR 6971 and NUR 6972; Graduate standing in nursing.

Course Restrictions: Psychiatric Mental Health Nurse Practitioner Students

Practicum II facilitates the Psychiatric/Mental Health APRN student in the complex role of providing mental health nursing care and crisis intervention to children, adolescents and families of differing social, economic, and cultural backgrounds within a recovery framework. Cultural assessment, psychiatric assessment and diagnosis, differential diagnosis and co-morbidities are incorporated throughout course. Treatment and management of mental health disorders using a variety of modalities and interventions with emphasis on communication theory focused on recovery are explored. Synthesis of evidence-based, recovery focused management in concert with social, cultural, environmental, spiritual, and physical needs of the patient and family are emphasized.

Credit: 5

NUR 6974 - Advanced Practice Psychiatric/Mental Health Nursing III

Prerequisite: NUR 6972; Graduate standing in nursing.

Course Restrictions: Psychiatric Mental Health Nurse Practitioner Students

Facilitates Psychiatric/Mental Health APRN student in the complex role of providing recovery-focused, mental health nursing care to clients with chronic, and complex psychiatric needs of differing social, economic, and cultural backgrounds. Emphasis on medication and therapeutic management of clients across the lifespan while integrating evidence-based, recovery-focused approaches. The student builds upon the knowledge and concepts developed/learned in NUR6970 and NUR6972 and more in-depth exploration of treating those with complex psychiatric/mental health needs with a view toward recovery focused interventions. Examination of the forensic, social, cultural, physical, economic, familial, spiritual and societal impacts of severe mental illness incorporates local and world views as well as advocacy opportunities for the Psychiatric/Mental Health APRN. Synthesis of evidence-based, recovery-focused management in concert with social, cultural, environmental, spiritual, and physical needs of these clients is explored.

Credit: 3

NUR 6975 - Advanced Practice Psychiatric/Mental Health Nursing III Practicum

Prerequisite: NUR 6973 and NUR 6974; Graduate standing in nursing.

Course Restrictions: Psychiatric Mental Health Nurse Practitioner Students

Practicum III facilitates Psychiatric/Mental Health APRN student for the complex role of providing recovery focused mental health care to clients with chronic and complex psychiatric needs of differing social, economic, and cultural backgrounds. Emphasis is on medication and therapeutic management of clients across the lifespan while integrating evidence-based, recovery-focused approaches. The student builds upon the knowledge and concepts developed/learned in NUR6970 and NUR6972 and more in-depth exploration of treating those with severe mental illness (SMI) with a view toward recovery-focused interventions. Examination of the forensic, social, cultural, physical, economic, familial, spiritual and societal impacts of severe mental illness incorporates local and world views as well as advocacy opportunities for the Advanced PMH NP. Synthesis of evidence-based, recovery focused management in concert with forensic, social, cultural, environmental, spiritual, and physical needs of these clients is explored.

Credit: 5

NUR 6980 - Fundamentals of Acute Care I

Prerequisite: Graduate standing in nursing.

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.

Credit: 3

NUR 6982 - Advanced Clinical Diagnostics & Technology

Prerequisites: Graduate standing in nursing.

This didactic and Sim Lab course focuses on critical care diagnostics and management technologies to include ABG analysis and ventilation management; cardioversion and pacing; and the interpretation of lab, radiology, and CT data. 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.

Credit: 3

NUR 6983 - Fundamentals of Acute Care II

Prerequisites: Graduate standing in nursing.

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.

Credit: 3

NUR 6984 - A-GACNP Practicum I

Prerequisites: Graduate standing in nursing.

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.

Credit: 3

NUR 6985 - Advanced Practice Acute Care III

Prerequisites: Graduate standing in nursing.

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.

Credit: 1

NUR 6986 - A-GACNP Practicum II

Prerequisites: Graduate standing in nursing.

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 acutely-ill populations. The application of advanced nursing, medical, psychosocial, and interdisciplinary communication in patient management will be emphasized.

Credit: 6

NUR 6987 - A-GACNP Practicum III

Prerequisites: Graduate standing in nursing.

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.

Credit: 6

NUR 6990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 9 credit hours.

Credit: 1 to 3

NUR 7000 - Professional Paper/Project

Prerequisite: NUR 6000, 6005, 6010, 6015, 6020, 6030, 6960, Graduate standing in nursing and departmental approval.

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.

Credit: 1 to 3

NUR 8000 - Evidence-Based Practice for Advanced Nursing

Prerequisite: Admission to DNP.

This course provides learners with the theoretical and practical foundation for evidence-based practice with an emphasis on evidence-based conceptual models, refining skills in searching and critiquing the literature for application to practice change, and synthesizing a body of literature to design interventions pertinent to a practice problem.

Credit: 3

NUR 8010 - Leadership and Systems Management

Prerequisite: Admission to DNP.

In this course the doctoral student will prepare to assume complex and advanced leadership roles to guide change as a practitioner, clinical executive, educator, clinical scientist, and clinical scholar, among others.

Credit: 3

NUR 8020 - Informatics and Technology for Advanced Practice

Prerequisite: Admission to DNP.

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.

Credit: 3

NUR 8030 - Optimizing Quality in Health Care Systems

Prerequisite: Admission to DNP.

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.

Credit: 3

NUR 8040 - Business & Finance Essentials for the DNP

Prerequisite: Admission to 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.

Credit: 3

NUR 8050 - Development & Implementation of Health Care Policy

Prerequisite: Admission to DNP.

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.

Credit: 3

NUR 8060 - Doctoral Project I: Development

Prerequisite: NUR 8010, 8020, 8030, 8040

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 technology in current use for developing educational programming.

Credit: 3

NUR 8070 - Scholarly Writing and Writing for Publication

Prerequisite: Admission to the DNP program

This course is designed to introduce students to scholarly writing and dissemination for clinicians. The four areas of scholarly writing covered will be argument, evidence, paragraphs, and academic voice. The course provides students with practical information, exercises, and resources for successful clinical manuscript preparation, journal article abstract preparation, and clinical conference poster presentation. This course prepares graduate students for a lifelong approach to integrating scholarship into clinical practice.

Credit: 3

NUR 8080 - Analytical Methods for Evidence-Based Practice

Prerequisite: Admission to the DNP program

This course is designed to provide the foundation for applying and implementing research by exploring the nature of inquiry and evaluating designs, methods, and measurements of evidence. Topics of validity, reliability, generalizability, rigor, and trustworthiness will be addressed in this course. Appropriate statistical analysis used to predict and analyze health care outcomes will be presented. Evaluating and using output from statistical computing software are also addressed.

Credit: 3

NUR 9010 - Doctoral Project I: Development

Prerequisite: Admission to DNP.

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.

Credit: 1 to 7

NUR 9020 - Doctoral Project II: Implementation

Prerequisite: Admission to DNP.

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.

Credit: 1 to 7

NUR 9030 - Doctoral Project III: Data Analysis and Dissemination

Prerequisite: Admission to DNP.

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.

Credit: 1 to 7

OC - Organizational Change

OC 6990 - Nonpaid Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.

A minimum of 40, 80, or 120 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.

Credit: 1 to 3

OC 6998 - Special Topics in Organizational Change and Development

Prerequisite: Graduate standing

This course provides an opportunity for students to explore other areas related to the organizational change and development curriculum but not included in the program of study. These special topics are offered based on student interest and current events. Course content will vary, and the course may be repeated as topics change.

Credit: 3

ODC - Organizational Change

ODC 6400 - Leadership, Culture, and Group Dynamics

Prerequisite: Department Approval.

This seminar surveys various leadership styles, exploring the characteristics, effectiveness and appropriateness of each for different environments and situations. The course also examines essential aspects of organizational culture, 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.

Credit: 3

ODC 6430 - Culture of Learning Organizations and Systems Thinking

Prerequisite: Graduate Standing.

ODC 6430 offers students an opportunity to explore foundational concepts of organizational learning, and to apply organizational learning models to diagnose innovative workplaces. This course embraces a system perspective of learning at the organizational level-of-analysis grounded in the premise that innovation and sustainable change is contingent upon an organization's ability to create new knowledge through learning. Students use a systems approach to explore culture, group dynamics and leadership strategies for developing effective organizations. Special focus is devoted to the leader's role in influencing group dynamics to create a learning organization culture.

Credit: 3

ODC 6435 - Workforce and Talent Development

Prerequisite: Graduate Standing.

ODC 6435 offers students an opportunity to explore foundational concepts and a comprehensive review of the theory and practice of strategic talent and workforce development in organizational, local, national, and global settings. Students will learn about key conceptual models (e.g., talent life-cycle, leadership pipeline, high-potential classification and role segmentation frameworks), processes and tools used for assessing and developing talent (e.g., talent reviews and brokering, multi-trait multi-method assessment frameworks, and the 70/20/10 model of development). Additionally, the two forms of workforce development: place-based strategies that attempt to address the needs of people living in a particular region and sector-based strategies that focus on matching workers' skills to needs in an industry already present in the region will be addressed.

Credit: 3

ODC 6440 - Organization Development and Change

Prerequisite: Department Approval.

ODC 6440 is the foundation for all MAODC and Graduate Certificate in OCD courses. Students first learn the basic nature of human culture and organizational change. Then the practice of ODC is studied within the 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 organizations are discussed.

Credit: 3

ODC 6443 - Change Leadership

Prerequisite: Department Approval; Graduate Standing or Concurrent.

ODC 6443 presents a globally relevant perspective for understanding the dynamics of change leadership. Issues such as power, stakeholder 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 change interventions.

Credit: 3

ODC 6444 - Innovations and Creativity

Prerequisite: Department Approval; Graduate Standing or Concurrent.

ODC 6444 Innovation and creativity are critical aspects of organization development and change 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 organizations and group processes are illustrated via cases and simulations.

Credit: 3

ODC 6447 - Consulting and Group Process Facilitation

Prerequisite: Department Approval; Graduate Standing or Concurrent.

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 discussed. Learning will be enhanced by cases, simulations and experimental assignments.

Credit: 3

ODC 6448 - Assessing Culture

Prerequisite: Department Approval; Graduate Standing or Concurrent.

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. Students will be expected to develop instruments or processes to apply in professional situations.

Credit: 3

ODC 6450 - Foundations of Organization Development and Change

Global, national and community-level organizational change and development is being experienced throughout our contemporary world. Students analyze and interpret research data pertaining to organization development and change. Then the practice of ODC is studied within larger context of global national, community and organizational change. Change and development initiatives are discussed.

Credit: 4

ODC 6451 - Leading Complex Organizational Change

Leading change is critical in today's world. Issues related to understanding the dynamics of change leadership are discussed. Students learn how characteristics can influence effectiveness of leaders in different organizational contexts. Self-reflection is balanced with organizational understanding to analyze the appropriateness and utility of various methods for leading change.

Credit: 4

ODC 6452 - Innovative and Creative Methods of Organization Change and Development

This course explores the significance of innovation and creativity to the human experience. Relationships among creativity, change, culture, and innovation are discussed within a multi-disciplinary perspective. Practical methods for creating innovation in organization and group processes are illustrated via cases, simulation and action research.

Credit: 4

ODC 6453 - Consulting and Group Process Facilitation in Organizational Change

Students will learn perspectives and approaches for creating change and development interventions in organizational settings. Group process, facilitation methods, dealing with stakeholders and resistance, aligning power systems and brokers, and organizational design will be among the issues discussed. Learning is enhanced by the use of cases, simulations, and experiential assignments.

Credit: 4

ODC 6454 - Diagnosing, Assessing and Changing Organizational Culture

Prerequisite: Department Approval.

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 are 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 be a focus in the course.

Credit: 4

ODC 6600 - Action Research and Evaluation Methods in Organization Development and Change

Prerequisite: Department Approval; Graduate Standing or Concurrent.

ODC 6600 acquaints students or reinforces the tenents of the scientific method, action research and ODC program evaluation. It discusses research designs and methods appropriate for the ODC discipline and introduces students to research materials, knowledge technology, communications skills, and both quantitative and qualitative methods to be used for the professional project. This course should be taken in semester before the professional project is taken.

Credit: 3

ODC 6990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 9 credit hours.

Credit: 1 to 3

ODC 6997 - Directed Readings in Organization Development and Change

Prerequisite: Graduate standing.

Directed individualized readings. Repeatable for credit.

Credit: 1-4

ODC 6998 - Special Topics in Organizational Change and Development

Prerequisite: Graduate standing and approval from department/program chair. Restricted to students pursuing master's degrees in Organization Development and Change.

This course provides an opportunity for students to explore other areas related to the organizational change and development curriculum but not included in the program of study. These special topics are offered based on student interest and current events. Course content will vary and may be repeated as topics change.

Credit: 1-4

ODC 7000 - Professional Project

Prerequisite: ODC 6400, ODC 6430, ODC 6440, ODC 6443, ODC 6444, ODC 6447, ODC 6448, ODC 6435, ODC 6600 *(which may be taken concurrently); Graduate standing.*

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.

Credit: 3

PADM - Public Administration

PADM 1000 - Introduction to Leadership in America

This course is an introduction to the study of leadership in America. It compares the administrative processes used in private and non-profit organizations and the U.S. government, including the U.S. military. This course introduces students to the theories of leadership and the styles, traits, and myths of leadership including the history, cultures, and ethical basis for good leadership in an American context.

Credit: 3

PADM 2000 - Supervisory Leadership

Prerequisite: PADM 1000 and any WC&IL I course.

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; and scheduling, staffing, directing, and controlling. This includes career skills involving both personal planning and interpersonal relations and skill areas such as time keeping, goal setting, negotiations, assertiveness, and networking.

Credit: 3

PADM 3000 - Analytical Techniques and Methods

Prerequisite: MATH 1123.

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, regression analysis, linear programming, project management, and simulation.

Credit: 3

PADM 3300 - Public Policy

Prerequisite: PSCI 3200.

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.

Credit: 3

PADM 3400 - Public Personnel Administration

Prerequisite: Either HRD 1000 or PADM 1000, AND CJ 3000 (which may be taken concurrently); OR enrollment in BSW program.

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.

Credit: 3

PADM 3500 - Public Finance and Budgeting

Prerequisite(s): PADM 3000 and any WC&IL II course with a grade of C- or higher.

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 curse 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.

Credit: 3

PADM 3600 - Non-Profit Management

Prerequisite(s): Any WC&IL II course with a grade of C- or higher.

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.

Credit: 3

PADM 3700 - Urban Government

Prerequisite(s): PSCI 3415.

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.

Credit: 3

PADM 4000 - Strategic Planning for Government Organizations

Prerequisite: Advisor approval.

This course is a capstone and 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 or 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.

Credit: 3

PADM 6000 - Introduction to Public Administration and Public Service

Prerequisite: Graduate standing.

This introduction to public administration and public service provides insights into the theory, practice, and the interdependence and administration of government and nonprofit organizations at the federal, state, and city level. Topics include an introduction to research methodologies, principles and tools required in government budgeting and resource management, public organization theory, and decision-making, interprofessional team-based leadership, an understanding of ethics and accountability as it relates to the public sector, and a summary of the essential principles and issues relating to social, cultural, and legal matters that are relevant to the administration of public service organizations.

Credit: 3

PADM 6100 - Public Personnel Management

Prerequisite: Graduate standing.

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.

Credit: 3

PADM 6200 - Non-profit Organizations

Prerequisite: Graduate Standing.

This is an introductory course, an overview of the non-profit sector in Hawai'i, nationally, and worldwide for students who aspire to positions in middle management or senior leadership for a non-profit organization, with special applications for social work and public health. Topics include: non-profit management as a profession; introduction to budgeting; the relationship and impacts among relevant resources (social capital), associate social, cultural, and environmental goals with social entrepreneurship; and the organizational structures suited to those goals.

Credit: 3

PADM 6210 - Grant Writing and Fundraising

Graduate Standing.

Sources of revenue in the public sector differ from business organizations where incomes are earned from the sale of goods and services. Non-profits endeavor to achieve diverse revenue sources, both to minimize risk and to maximize autonomy. Income generating programs include some earned-income strategies but more typically focus on grant writing and fundraising from the general public like selling. Also includes pipeline management and catalytic philanthropy as it pertains to corporations, governments, and foundations.

Credit: 3

PADM 6220 - Staff and Volunteer Management for Nonprofit Organizations

Prerequisite: Graduate Standing.

The management of an organization's human resources, regardless of their sector affiliation (public, private, or nonprofit) is pretty much the same except that nonprofit employees tend to be more vision driven. Volunteers, however, tend to be more leadership driven. In addition to general employee management principles, this course will include leadership theories and practices as they apply to volunteer management.

Credit: 3

PADM 6270 - Strategic Planning for Nonprofit Organizations

Graduate Standing Required

This course provides insight for a non-profit's long-range goals and the resources needed to reach them. Topics include non-profit governing boards and executive leadership, mission and vision achievement, opportunities and threats analyses, long-range strategy execution, and financial oversight.

Credit: 3

PADM 6300 - Statistical Analysis for Effective Decision-Making

Prerequisite: Graduate standing.

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.

Credit: 3

PADM 6400 - U.S. Public Policy

Prerequisite: Graduate standing.

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.

Credit: 3

PADM 6500 - Economics for Decision-Makers

Prerequisite: Graduate standing.

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.

Credit: 3

PADM 6510 - Public Finance

Prerequisite: Graduate standing.

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.

Credit: 3

PADM 6600 - Strategic Thinking for Non-profit Organizations

Prerequisite: Graduate standing.

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.

Credit: 3

PADM 6610 - City Management and Urban Policy

Prerequisite: Graduate standing.

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.

Credit: 3

PADM 6640 - Diversity in the Workplace

Prerequisite: Graduate standing.

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 them to offer more adequate services. The purpose of this course is to increase an understanding of relevant human differences in organization, 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.

Credit: 3

PADM 6998 - Special Topics in Public Administration

Prerequisite: Graduate standing.

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 the course 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.

Credit: 3

PADM 7001 - Professional Paper I

Prerequisite: PADM 6000; PADM 6300; Program Chair approval

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 and culminates 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.

Credit: 3

PADM 7002 - Professional Paper II

Prerequisite: PADM 7001; Program Chair approval

This capstone is the second of two courses required near the end of the student's MPA program. In this course, the student implements the option of researching and writing a thesis on a public administration issue or completing an applied research project. Public administration issues may include topics like the U.S. economy, social equality, criminal justice, etc. The applied research project option may include an objective or problem of concern to an entity or unit of the U.S. federal government, a state, city, or a non-profit.

Credit: 3

PH - Public Health

PH 1000 - Introduction to Personal Health

This course introduces students to and familiarizes them with the determinants of various health outcomes, including physical, psychological, social and interpersonal, and environmental health. The course emphasizes personal responsibility, decision-making, and understanding the active ingredients for a long, happy, and healthy life.

Credit: 3

PH 1200 - Introduction to Public Health

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.

Credit: 3

PH 2010 - Drugs and Society

Prerequisite: Any WC&IL II course or HON 1000.

Students will critically analyze the history, trends, future outlook, and issues regarding drugs and 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.

Credit: 3

PH 2020 - Human Diseases and Conditions

Prerequisite: Any WC&IL II course; may be taken concurrently)

An overview of normal human anatomy and physiology by body system; the impacts of internal or external factors that can lead to disease, injury, or disability; and the role of public health interventions to prevent and mitigate negative health outcomes.

Credit: 3

PH 2060 - 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 services, 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).

Credit: 3

PH 3015 - Culture and Health

Prerequisite: Any WC&IL II course or HON 1000.

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.

Credit: 3

PH 3020 - Epidemiology

Prerequisite: Any WC&IL II course or HON 1000.

This course introduces the basic principles and methods of epidemiology, the study of the distribution and determinants of health-related states and events in populations and the application of this study to the control of health problems. Critical thinking, analytic skills, and application to public health practice are emphasized as students engage in active learning bio individual and group activities, project, case studies, discussions, and critical review and analysis of scientific literature. Topics covered include data collection, measurement, presentation, analysis, and interpretation; disease occurrence; descriptive and analytic epidemiology; association and causation; screening; outbreak investigations; epidemiology in policy-making; and special epidemiologic applications.

Credit: 3

PH 3025 - Sexuality in Health & Society

Prerequisite: Any WC&IL II course or HON 1000.

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 Heath 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; and 4) sociopolitical issues: sexuality education; historical, legal, political, social, and ethical issues impacting sexuality.

Credit: 3

PH 3030 - Health Behavior Theory and Program Planning

Prerequisite: Any WC & IL II course or HON 1000.

Students will learn the theories and models commonly used by researchers to unravel the complex web of factors that influence how people think, decide, and behave in terms of their health and quality of life. The implications of these theories are then used by public health professionals to develop effective programs designed to promote health and prevent disease or disability wherever we live, learn, work, and play. During this course, students will plan and evaluate their own intervention programs that they will implement in real-world public settings.

Credit: 3

PH 3050 - Global Health

Prerequisite: Any WC&IL II course or HON 1000.

An overview of the burdens of disease and their underlying determinants in a worldwide context with a focus on the actions that may be taken to achieve universal health equity. Topics include large scale concepts such as health and human rights as well as specific health issues such as high-burden infectious diseases and maternal and child health.

Credit: 3

PH 3065 - Environmental Health

Prerequisite: Any WC&IL II course or HON 1000.

An overview of the linkages between the natural and built environment and human health. Topics include specific environmental agents, such as pesticides and mosquito-borne pathogens, as well as important public health arenas, such as water and air quality, waste, and climate change.

Credit: 3

PH 3090 - Public Health Communication

Prerequisite: Any WC&IL II course or HON 1000.

This course examines theory and promotes practice in communication issues and skills needed for the successful public health professional. Students in this course explore, practice, and produce different public health communications: a) scientific and professional written communication; b) social marketing and the use of social media; c) graphic displays of qualitative, descriptive, and continuous data; and d) oral communication for a variety of public health audiences. Various communication theories, as they apply to public health issues and audiences, will be explored with special attention to cultural competency and health literacy among diverse communities.

Credit: 3

PH 3999 - Special Topics in Public Health

Prerequisite: Any WC&IL II course or HON 1000.

This course will focus on different special topics in public health depending on current issues, faculty expertise, and perceived interest in topics among undergraduate public health students. All topics will include content on related historical, political economic, and sociodemographic factors through the lens of scientific inquiry, public health theory, public health workforce, infrastructure, resources, and responses.

Credit: 3

PH 4010 - Health Policy Analysis

Prerequisite: Any WC&IL II course; may be taken concurrently

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; and 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.

Credit: 3

PH 4030 - Pre-Practicum

Prerequisite: Any WC&IL II course or HON 1000, PH 1200.

PH 4030 is the first course in the two-course undergraduate Practicum series and focuses on orienting students to field-based internships, identifying opportunities tailored to individual students interests and needs, preparing the students for internship application procedures (including drafting and revising resumes, cover letters, and introductory emails and practicing interview skills), and contextualizing the internship program as part of a larger career development framework. This course includes guest lectures from local public health professionals on selected topics like networking, community member participation in panel presentations, reviewing student resumes, and mock interviews.

Credit: 3

PH 4040 - Public Health Research Methods

Prerequisite: Any WC&IL II course or HON 1000.

Students will learn the purposes of and the processes involved in evidence-based public health research from start to finish. Students will work in teams to identify their own research questions, find and critique existing scientific literature, develop research methods, collect and analyze data, and present their research findings.

Credit: 3

PH 4600 - Grant writing in the Health Professions

Prerequisite: PH 1000.

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.

Credit: 3

PH 4910 - Practicum

Prerequisite: Any WC&IL II course or HON 1000, PH 4030; Co-requisite: PH 4920.

PH 4910 is the second course in the two-course undergraduate practicum series and gives students the opportunity to integrate, synthesize, and apply the knowledge and skills gained in PH 4030 via experiential internship activities. These internships are carried out under direct supervision by professionals at local agencies engaging in public health work that have been formally oriented to the Hawai'i Pacific University Public Health undergraduate internship process.

Credit: 3

PH 4920 - Public Health Capstone Seminar

Prerequisite: Any WC&IL II course or HON 1000, PH 1200, PH 4030.

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.

Corequisite: PH 4910.

Credit: 3

PH 6100 - Foundations of Public Health

The overarching philosophy, frameworks, and scientific basis for the field of public health, including an overview of past, current, and future challenges and successes. This 0-credit, self-guided course is required for students entering HPU's MPH program without an undergraduate degree in public health from a CEPH-accredited program or coursework that demonstrates competency in these foundational principles (to be determined by the Public Health Graduate Advisor).

Credit: 0

PH 6120 - 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.

Credit: 3

PH 6140 - Epidemiology

This course focuses on the application of epidemiology, the basic science of public health and the cornerstone of effective public health practice. Presentations, discussions, individual and group activities, interactive case studies, and online simulations covering the following topics are included: epidemiologic principles, basic statistical analysis, surveillance, outbreak investigations, surveys and sampling, and epidemiologic aspects of current public health problems. Activities and exercises draw from real-world data and investigations to illustrate concepts and allow students to apply the principles and methods of epidemiology. Training on Epi Info, a software program used in the field, is included in the course.

Credit: 3

PH 6160 - 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.

Credit: 3

PH 6200 - Human Diseases and Conditions

The genetic and biological aspects of health and disease with the aim of better understanding their role as risk factors, how they post challenges for clinical and public health professionals, and how we can incorporate these factors into effective public health interventions.

Credit: 3

PH 6220 - Health Behavior Change Theory

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.

Credit: 3

PH 6260 - Environmental Health

This course focuses on contemporary issues at the environment-human interface. Topics include how our choices in producing energy and food, managing our waste, and building our cities are influenced by the environment and impact our health and the health of our planet.

Credit: 3

PH 6300 - 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.

Credit: 3

PH 6400 - Health Policy, Law, and Advocacy

This course provides students with the knowledge and skills to translate data and research into effective public health policies and practices. Students compare the organization, structure, and function of health care, public health, and regulatory systems across national and international settings; evaluate policies for their impact on public health and health equity; and discuss multiple dimensions of the policy-making process, including the accurate interpretation and use of evidence to inform public health policy and the role of ethics. Through interactive activities, students also gain experience performing on interprofessional teams and applying negotiation and mediation skills to address public health challenges.

Credit: 3

PH 6460 - Public Health Program Planning

This course examines the models and methods used by health professionals, educators, and community leaders for planning, implementing, and evaluating various programs and interventions to address different types of public health problems. Being application-focused, this course will require students to identify a health problem and target a population of their interest, then the majority of the course term will be dedicated to students planning their own public health programs with direct supervision and mentorship from the course instructor.

Credit: 3

PH 6500 - Public Health Field Training

Prerequisite: Approval of faculty advisor.

This course fulfills the applied practice experience requirement for the Master of Public Health (MPH) program. In this course, MPH students demonstrate graduate public health competency attainment through applied practice experiences. Student work in coordination with the course instructor to identify and apply for Field Training placement with an agency or program engaged in public health-related activities. Students will then be responsible for creating a minimum of two Original Field Training Products that benefit the host site and demonstrate the student's mastery of at least five MPH competencies (as defined and outlines by the Council on Education for Public Health). Repeatable for up to 6 credits.

Credit: 1 to 6

PH 6999 - Special Topics in Public Health

This course will focus on different special topics in public health depending on current issues, faculty expertise, and perceived interest in topics among MPH students.

Credit: 3

PH 7000 - Public Health Capstone

Prerequisite: PH 6500; Approval of faculty advisor.

Developing a Capstone project is the culminating activity for the MPH degree. Students apply the knowledge and skills acquired through their coursework and Field Training to produce an in-depth original written work with the guidance of a Faculty Advisor. The work is then presented to the larger HPU/public health community. Repeatable for up to 6 credits.

Credit: 1-6

PHIL - Philosophy

PHIL 1000 - 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.

Credit: 3

PHIL 1001 - 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.

Credit: 3

PHIL 2090 - Principles of Logic

Prerequisite: Any WC&IL I course.

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.

Credit: 3

PHIL 2500 - 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.

Credit: 3

PHIL 3200 - History of Western Philosophy

Prerequisite: Any WC&IL II course.

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.

Credit: 3

PHIL 3260 - Exploring Film

Prerequisite: Any WC&IL II course.

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.

Credit: 3

PHIL 3300 - History of Asian Philosophies

Prerequisite: Any WC&IL II course.

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.

Credit: 3

PHIL 3301 - Yoga Philosophy

Prerequisite: Any WC&IL II course

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 *askarma* 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.

Credit: 3

PHIL 3501 - Philosophy of Art and Aesthetics

Prerequisite: Any WC&IL II course.

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.

Credit: 3

PHIL 3651 - Environmental Ethics

Prerequisite: Any WC&IL II course.

An examination of ethical issues in the resolution of conflicts between individual and societal needs and wants and environmental well-being.

Credit: 3

PHIL 3721 - Philosophy in Contemporary Literature

Prerequisite: Any WC&IL II course.

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.

Credit: 3

PHIL 3731 - Philosophy of Social Sciences

Prerequisite: Any WC&IL II course.

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.

Credit: 3

PHIL 3741 - Philosophy of Law

Prerequisite: Any WC&IL II course.

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.

Credit: 3

PHIL 4500 - Global Justice

Prerequisite: Any WC&IL II course.

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.

Credit: 3

PHIL 4501 - Rethinking Social Values

Prerequisite: Any WC&IL II course.

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.

Credit: 3

PHIL 4721 - Philosophy of Education

Prerequisite: Any WC&IL II course.

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.

Credit: 3

PHIL 4997 - Directed Readings in Philosophy

Prerequisite: Any WC&IL II course.

Directed individualized reading.

Credit: 3

PHIL 6011 - Seminar: World Philosophies

Prerequisite: Graduate standing.

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.

Credit: 3

PHIL 6600 - Seminar: Professional Ethics and the Military

Prerequisite: Graduate standing.

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.

Credit: 3

PHYS - Physics

PHYS 1000 - Physical Science

Prerequisite: MATH 1105 or higher.

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.

Credit: 3

PHYS 1020 - 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.

Credit: 3

PHYS 1030 - Introductory Physics

Prerequisite: MATH 1130 or higher.

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.

Credit: 3

PHYS 2030 - College Physics I

Prerequisite: MATH 1140, 1150 or higher. Co-requisite: PHYS 2031.

The first semester of an algebra-based study of mechanics, thermodynamics, and wave phenomena with an emphasis on problem solving.

Credit: 3

PHYS 2031 - College Physics I Laboratory

Co-requisite: PHYS 2030.

Laboratory component of PHYS 2030.

Credit: 1

PHYS 2032 - College Physics II

Prerequisite: PHYS 2030. (Must have a grade of C or higher.)

A continuation of PHYS 2030. Includes electricity and magnetism, optics, and topics in modern physics.

Credit: 3

PHYS 2033 - College Physics II Laboratory

Prerequisite: A grade of C or better in PHYS 2031; PHYS 2032 or concurrent.

Laboratory component of PHYS 2032.

Credit: 1

PHYS 2050 - General Physics I

Prerequisite: MATH 2214 or higher except MATH 2326/3301. Co-requisite: PHYS 2051.

The first semester of a rigorous, calculus-based study of mechanics, thermodynamics, and wave phenomena with an emphasis on problem solving.

Credit: 3

PHYS 2051 - General Physics I Laboratory

Prerequisite: PHYS 2050 or concurrent. Co-requisite: PHYS 2050.

Laboratory component of PHYS 2050.

Credit: 1

PHYS 2052 - General Physics II

Prerequisite: A grade of C or better in PHYS 2050 and MATH 2215.

This course is a continuation of PHYS 2050 covering electricity and magnetism, optics, and topics in modern physics.

Credit: 3

PHYS 2053 - General Physics II Laboratory

Prerequisite: A grade of C or better in PHYS 2051; PHYS 2052 or concurrent.

Laboratory component of PHYS 2052.

Credit: 1

PHYS 2054 - General Physics III—Modern Physics

Prerequisite: MATH 2215 and PHYS 2052.

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.

Credit: 3

PHYS 2055 - General Physics III Laboratory

Prerequisite: PHYS 2053 and completion or concurrent enrollment in PHYS 2054.

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, and solid state physics.

Credit: 1

PHYS 4950 - Physics Practicum

Credit: 1 to 3

PMED - Pre-Medical Studies

PMED 2910 - PreHealth Professions Seminar I

Prerequisite: BIOL 2052.

This course is a one credit seminar course designed to explore careers in health care and current issues in the American healthcare system.

Credit: 1

PMED 3900 - Premedical Studies Seminar

Prerequisite: Any 3000-level BIOL course

Seminar for students in health-related fields.

Credit: 2

PMED 3910 - PreHealth Professions Seminar II

Prerequisite: BIOL 2052.

This course is a one credit seminar designed to prepare students for careers in health care and for applying to a health profession school.

Credit: 1

PMED 3950 - Pre-Medical Studies Practicum

Prerequisite: Any 3000-level BIOL course; Instructor approval

Students apply and integrate classroom theory in a research situation under close faculty supervision.

Credit: 1

PMED 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

PSCI - Political Science

PSCI 1400 - American Politics

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.

Credit: 3

PSCI 2000 - Introduction to Politics

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.

Credit: 3

PSCI 2100 - Fundamentals of Social Science Research

Prerequisite: A grade of C- or better in any WCIL 2 course or HON 1000

This course will introduce students to the field of social scientific research with special emphasis on their roles as consumers of research in their intended majors.

Credit: 3

PSCI 2500 - World Politics

Prerequisite: Any WC&IL I course.

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.

Credit: 3

PSCI 3000 - History of Political Thought

Prerequisite: A grade of C- or higher in any WC&IL II course; PSCI 2000.

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.

Credit: 3

PSCI 3010 - Political Socialization

Prerequisite: PSCI 1400 or 2000; any WC&IL II course.

An analysis of the institutions that socialize the individual into the political system. The course focuses on political culture, political participation, attitudes and their behavioral roots, and ramifications for the political system.

Credit: 3

PSCI 3200 - Public Administration

Prerequisite: Any lower-division social science course plus any WC&IL II course.

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.

Credit: 3

PSCI 3250 - Public Policymaking

Prerequisite: PSCI 1400 or 2000; Any WC&IL II course.

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.

Credit: 3

PSCI 3401 - Issues in American Politics

Prerequisite: PSCI 1400 or 2000; any WC&IL II course.

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.

Credit: 3

PSCI 3411 - The United States Presidency

Prerequisite: A grade of C- or higher in any WC&IL II course; PSCI 1400 or 2000.

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, and 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.

Credit: 3

PSCI 3412 - American Foreign Policy

Prerequisite: PSCI 1400 or 2000; any WC&IL II course.

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.

Credit: 3

PSCI 3413 - Constitutional Law

Prerequisite: A grade of C- or higher in any WC&IL II course; PSCI 1400 or 2000.

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.

Credit: 3

PSCI 3415 - State and Local Government

Prerequisite: A grade of C- or higher in any WC&IL II course; PSCI 2000.

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.

Credit: 3

PSCI 3416 - Elections in Hawai‘i

Prerequisite: A grade of C- or higher in any WC&IL II course; PSCI 1400 or 2000.

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.

Credit: 3

PSCI 3430 - America: Images from Abroad

Prerequisite: A grade of C- or higher in any WC&IL II course; PSCI 1400 or 2000.

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.

Credit: 3

PSCI 3500 - Comparative Politics

Prerequisite: Any lower-division social science course plus any WC&IL II course.

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.

Credit: 3

PSCI 3510 - Political Development

Prerequisite: Any lower-division social science course plus any WC&IL II course.

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.

Credit: 3

PSCI 3520 - Politics and Government in Asia

Prerequisite: Any lower-division social science course plus any WC&IL II course.

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 Koreas, China. Topics may include economic development, party systems, transitions to democracy, social movements, contrasting conceptions of human rights, and integrating minority groups.

Credit: 3

PSCI 3525 - Islam and Politics

Prerequisite: Any lower-division social science course plus any WC&IL II course.

This course introduces students to a variety of political movements that purport to be based on an interpretation of Islam. These interpretations and the movements' ideologies, objectives, and strategies will be compared in order to appreciate the range of political movements organized under the banner of "Islam."

Credit: 3

PSCI 3540 - The Politics of Terrorism

Prerequisite: Any lower-division social science course plus any WC&IL II course.

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.

Credit: 3

PSCI 3550 - Women and Politics

Prerequisite: Any lower-division social science course plus any WC&IL II course.

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.

Credit: 3

PSCI 3560 - The Politics of Culture and Race

Prerequisite: Any lower-division social science course plus any WC&IL II course.

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.

Credit: 3

PSCI 3580 - Comparative Political Economy

Prerequisite: Any lower-division social science course plus any WC&IL II course.

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.

Credit: 3

PSCI 3610 - Politics in Literature

Prerequisite: A grade of C- or higher in any WC&IL II course; PSCI 1400 or 2000.

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.

Credit: 3

PSCI 3620 - Politics in Film

Prerequisite: Any WC&IL II course.

An examination of historical and contemporary political issues as well as important theoretical debates on politics through the medium of film. The course will focus on a particular theme or geographic region (for example, East Asia) that will vary depending on the instructor and be reflected in the course title. Course is repeatable once with a different topic.

Credit: 3

PSCI 3650 - Intelligence Studies

Prerequisite: PSCI 1400, 2000, or 2500; any WC&IL II course.

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.

Credit: 3

PSCI 3890 - Homeland Security

Prerequisite: Any lower-division social science course and any WC&IL II course.

Since the events of September 11, 2001, the U.S. has struggled to both re-write its understanding of “security” within its borders and to re-organize its resources committed to maintaining that “security.” Out of these efforts has emerged not only a new Department of Homeland Security, built from portions of more than a dozen other agencies and bureaus, but also a sense of insecurity in the American people. This course is designed to explore both of these aspects: the revamping of the bureaucracy responsible for “homeland security,” and the impact on the population of this sense of uncertainty within borders.

Credit: 3

PSCI 3950 - Political Science Practicum

Repeatable for a total of 9 credits.

Credit: 1 to 15

PSCI 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

PSCI 3997 - Special Topics in Political Science

This course is an examination of selected topics in political science for upper-level undergraduates. Students will learn a special subfield, research methods, or a variety of issues currently explored by political scientists. **This course can be repeated if the topic is different.**

Credit: 3

PSCI 4900 - Senior Seminar

Prerequisite: PSCI 2100 and two upper-division PSCI or INTR courses.

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.

Credit: 3 to 6

PSCI 6151 - Global Governance

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, a Certificate in National Security Studies, or a Certificate in Sustainability and Security Studies.

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 non-governmental organizations (Oxfam, Doc- tors Without Borders, Human Rights Watch), international rules or laws, norms or "soft law," and international regimes in such areas as peacekeeping, disaster management, trade, and social and humanitarian issues.

Credit: 3

PSCI 6300 - Indian Foreign and Security Policy

Prerequisite: Graduate standing.

In this course, students explore the foreign and security is- sues 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.

Credit: 3

PSCI 6400 - Chinese Foreign Policy

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, a Certificate in National Security Studies, or a Certificate in Sustainability and Security Studies.

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.

Credit: 3

PSCI 6451 - Seminar: The Military in Latin American Politics

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies

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.

Credit: 3

PSCI 6601 - Seminar: Diplomacy and International Relations

Prerequisite: Graduate standing.

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.

Credit: 3

PSCI 6605 - Seminar: Islam and Politics

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies

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."

Credit: 3

PSCI 6610 - Seminar: Politics of Developing Nations

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, a Certificate in National Security Studies, or a Certificate in Sustainability and Security Studies.

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.

Credit: 3

PSCI 6620 - Peacebuilding and Conflict Management

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, a Certificate in National Security Studies, or a Certificate in Sustainability and Security Studies.

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.

Credit: 3

PSCI 6630 - National and International Security

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, a Certificate in National Security Studies, or a Certificate in Sustainability and Security Studies.

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.

Credit: 3

PSCI 6650 - Seminar: Foreign Intelligence

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies

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.

Credit: 3

PSCI 6660 - Seminar: Civil Resistance and Non-Violent Movements

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, a Certificate in National Security Studies, or a Certificate in Sustainability and Security Studies.

This course examines non-violent resistance movements utilized around the world, including: civil resistance, civil disobedience, protests, boycotts, and unarmed revolutions. Students will learn how groups utilize various non-violent techniques and why some of these groups meet their goals while others face violent repression.

Credit: 3

PSCI 6661 - Seminar: The Politics of Terrorism

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, a Certificate in National Security Studies, or a Certificate in Sustainability and Security Studies.

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.

Credit: 3

PSCI 6670 - Seminar: Democratization and Human Rights

Prerequisite: Graduate standing.

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.

Credit: 3

PSCI 6671 - Seminar: Transitions to Democracy

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, a Certificate in National Security Studies, or a Certificate in Sustainability and Security Studies.

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.

Credit: 3

PSCI 6680 - Seminar: International Negotiating

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies

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.

Credit: 3

PSCI 6990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 9 credit hours.

Credit: 1 to 3

PSCI 6997 - Special Topics in International Relations

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies

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).

Credit: 3

PSY - Psychology

PSY 1000 - 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.

Credit: 3

PSY 1100 - 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.

Credit: 3

PSY 2100 - Statistics in Psychology

Prerequisite: PSY 1000 with a C- or higher; MATH 1120 or higher, or PSY 1100.

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.

Credit: 4

PSY 2200 - Research Methods in Psychology

Prerequisite: A grade of C- or higher in any WC&IL II course; PSY 2100.

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.

Credit: 4

PSY 2220 - Social Psychology

Prerequisite: A grade of C- or higher in any WC&IL II course; a grade of C- or higher in PSY 2100.

Credit: 3

PSY 3100 - Learning and Cognitive Processes

Prerequisite: PSY 1000 and 2100, and PSY 2200 with a C- or better.

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.

Credit: 3

PSY 3120 - Group Dynamics in Organizations

Prerequisite: BUS 1000, PSY 1000, SOC 1000, 2000, or 2100.

An introduction to theories of group dynamics and to current practices of modern management that utilize effective group processes in performing personnel management functions.

Credit: 3

PSY 3121 - Applications of Psychology to Management

Prerequisite: BUS 1000 or PSY 1000.

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.

Credit: 3

PSY 3122 - Industrial/Organizational Psychology

Prerequisite: BUS 1000 or PSY 1000.

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).

Credit: 3

PSY 3140 - Psychology of Substance Abuse

Prerequisite: PSY 1000.

A liberal arts survey of all aspects of drug abuse including pharmacology, physiology, history, culture, philosophy, and treatment.

Credit: 3

PSY 3155 - Sports Psychology

Prerequisite: PSY 1000; any WC&IL II course.

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.

Credit: 3

PSY 3160 - Psychology of Music

Prerequisite: PSY 1000 and any WC&IL II course.

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.

Credit: 3

PSY 3170 - Psychology of Emotion

Prerequisite: PSY 1000; MATH 1123 or PSY 2100; PSY 2200, SOC 2100, or 3100. (May be taken concurrently.)

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.

Credit: 3

PSY 3200 - Biopsychology

Prerequisite: PSY 1000 and 2100, and PSY 2200 with a C- or better

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.

Credit: 3

PSY 3235 - Cross-Cultural Psychology

Prerequisite: PSY 1000; any WC&IL II course.

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.

Credit: 3

PSY 3240 - Client Counseling and Interviewing

Prerequisite: PSY 1000; any WC&IL II course.

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.

Credit: 3

PSY 3245 - Group Counseling

Prerequisite: PSY 1000; PSY 2200, or 3100.

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.

Credit: 3

PSY 3300 - Social Psychology

Prerequisite: PSY 1000 and 2100, and PSY 2200 with a C- or better

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, al- truism, aggression, social influence, exchange and strategy, and physical well-being.

Credit: 3

PSY 3310 - Forensic Psychology

Prerequisite: PSY 1000; any WC&IL II course.

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.

Credit: 3

PSY 3320 - Health Psychology

Prerequisite: PSY 1000; any WC&IL II course.

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.

Credit: 3

PSY 3330 - Personal Relationships

Prerequisite: PSY 1000; PSY 2100 or MATH 1123; and PSY 2200, or any three biology or chemistry courses. (May be taken concurrently).

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.

Credit: 3

PSY 3340 - Human Sexuality

Prerequisite: PSY 1000 and WRI 1200.

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.

Credit: 3

PSY 3350 - Clinical Psychology

Prerequisite: PSY 1000; PSY 2100 or MATH 1123; and PSY 2200, , or any three BIOL or CHEM courses. (May be taken concurrently.)

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.

Credit: 3

PSY 3360 - Military Psychology

Prerequisite: PSY 1000 and Any WC&IL II course.

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.

Credit: 3

PSY 3400 - Lifespan Development Psychology

Prerequisite: PSY 1000; PSY 2100 or MATH 1123; and PSY 2200 with a C- or better (or concurrent), or SOC 3100, or any three biology or chemistry courses.

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.

Credit: 3

PSY 3440 - Psychology of Gender

Prerequisite: PSY 1000; any WC&IL II course.

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, and 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.

Credit: 3

PSY 3500 - Tests and Measurements in Psychology

Prerequisite: MATH 1123 or PSY 2100; PSY 2200 with a C- or better or SOC 3100.

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.

Credit: 3

PSY 3550 - Advanced Statistics in Psychology

Prerequisite: MATH 1123 or PSY 2100; PSY 2200 with a C- or better or SOC 3100.

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.

Credit: 3

PSY 3600 - Abnormal Psychology

Prerequisite: PSY 1000; PSY 2100 or MATH 1123; and PSY 2200 with a C- or better (or concurrent), or SOC 3100, or any three biology or chemistry courses.

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.

Credit: 3

PSY 3700 - Personality

Prerequisite: PSY 1000 and 2100, and PSY 2200 with a C- or better

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.

Credit: 3

PSY 3750 - Well-Being and Positive Psychology

Prerequisite: PSY 1000, 2100 and 2200.

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.

Credit: 3

PSY 3925 - Research Seminar

Prerequisite: PSY 1000, 2100, and 2200.

Repeatable for 9 credits.

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.

Credit: 3

PSY 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

PSY 4340 - Psychotherapies

Prerequisite: PSY 3600 or 3700.

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.

Credit: 3

PSY 4900 - History and Systems of Psychology

Prerequisite: PSY 2200; any three of the following PSY courses: 3100, 3200, 3300, 3400, 3500, 3550, 3600, or 3700.

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.

Credit: 3

PSY 4910 - Advanced Topics in Psychology

Prerequisite: PSY 2200; any three of the following PSY courses: 3100, 3200, 3300, 3400, 3500, 3550, 3600, or 3700.

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.

Credit: 3

PSY 4925 - Psychology Research Seminar

Prerequisite: PSY 2200; any three of the following PSY courses: 3100, 3200, 3300, 3400, 3500, 3550, 3600, or 3700; PSY 3925 with a grade of C- or higher.

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.

Credit: 3

PSY 4935 - Senior Thesis

Prerequisite: PSY 2200; any three of the following PSY courses: 3100, 3200, 3300, 3400, 3500, 3550, 3600, or 3700. Permission of the instructor.

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.

Credit: 3

PSY 4950 - Counseling/Community Practicum

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.

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.

Credit: 3

PSY 4970 - Research Practicum

Prerequisite: PSY 2200.

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.

Credit: 3

PSY 4997 - Directed Readings in Psychology

Directed individualized readings.

Credit: 1 to 3

PSY 6000 - Ethical and Professional Issues in Clinical Mental Health Counseling

Prerequisite: Admission to the MA-CMHC program or permission of the program director.

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.

Credit: 3

PSY 6010 - Introduction to the Practice of Professional Psychology

Prerequisite: Admission to PSY D program

An overview of the PsyD program and an introduction to the field of professional psychology, including the key principles of evidentiary support, critical thinking, lifelong learning, and the integration of didactic and experiential learning. Students entering the program will engage with the question of what it means to be a health service psychologist who is in a sociocultural context, address the importance of self-awareness and self-care, and being to develop an identity as a doctoral student, trainee, and member of their cohort.

Credit: 1

PSY 6100 - Applied Statistics in Clinical and Counseling Psychology

Prerequisite: Admission to the MA-CMHC program or permission of the program director.

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.

Credit: 4

PSY 6200 - Research Methods in Clinical and Counseling Psychology

Prerequisite: PSY 6000 and 6100.

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.

Credit: 3

PSY 6310 - Learning, Cognition, and Behavior

Prerequisite: PSY 6000.

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.

Credit: 3

PSY 6315 - Cognitive and Affective Bases of Behavior

Prerequisite: Admission to PSY D program.

This course will provide an overview of the interplay of cognition and affect by evaluating both classical and contemporary core theories and research. Students will become familiar with conscious and unconscious processing, sensation, perception, memory, categorization, learning, cognition, emotion, motivation and reasoning and problem solving. These topics and their relationship with each other will include their application involving regulation of affect and behavior in everyday life and in special situations involving trauma, depression, and addiction.

Credit: 3

PSY 6320 - Biological Bases of Behavior & Foundations of Psychopharmacology

Prerequisite: PSY 6000.

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.

Credit: 4

PSY 6325 - Biological Aspects of Behavior

Prerequisite: Admission to PSY D program

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.

Credit: 3

PSY 6330 - Social Psychology and Cultural Diversity

Prerequisite: PSY 6200 or permission of program director.

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.

Credit: 3

PSY 6340 - Life Span Development for Mental Health Counselors

Prerequisite: PSY 6200 or permission of program director.

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.

Credit: 3

PSY 6341 - Career and Lifestyle Development

Prerequisite: Admission to MA in Clinical Mental Health Counseling program or permission of program director.

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 and procedures to enhance career exploration, planning and placement. Emphasis is on the decision-making process and issues of career counseling with special populations.

Credit: 3

PSY 6345 - Social Bases of Behavior

Prerequisite: Admission to PSY D program.

This course examines the social behavior of individuals and groups. Students will become familiar with both classical and contemporary social psychological theories, empirical research, and how to study social phenomena scientifically. Topics include prejudice and stereotyping, social perception and social cognition, attitude formation, persuasion, obedience and compliance, prosocial behavior, and fairness in social relationships. Social psychological methods will be reviewed and topics presented to provide a foundation for a deeper understanding of clinical and social psychological issues related to class, culture, gender, sexuality and race.

Credit: 3

PSY 6350 - 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.

Credit: 3

PSY 6360 - Psychopathology

Prerequisite: Admission to the MA in CMHC or permission of the program director.

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.

Credit: 3

PSY 6365 - Psychopathology and Psychodiagnostic Assessment

Prerequisite: Admission to PSY D program.

Overview of theory, etiology, base rates and comorbidities of psychopathologies included in the current diagnostic manual. Students learn to use the DSM criteria to make differential diagnoses and to apply psychodiagnostic skills through clinical interviews and diagnostic reports. The benefits and limitations of diagnosis are discussed.

Credit: 3

PSY 6450 - 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.

Credit: 3

PSY 6500 - Psychological Assessment in Mental Health Counseling: Theory

Co-requisite: PSY 6501.

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.

Credit: 3

PSY 6501 - Psychological Assessment in Mental Health Counseling: Practice

Co-requisite: PSY 6500.

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.

Credit: 1

PSY 6505 - Introduction to Empirically-Supported Treatments

Prerequisite: Admission to PSY D program.

What are the factors by which a given intervention is determined to be “evidence-based”? Discusses the processes and pitfalls of treatment outcome research, RCTs, and the distinction between effectiveness and efficacy. Presents evidence-based interventions from various theoretical perspectives, and reviews their current empirical status.

Credit: 3

PSY 6700 - Therapeutic Interventions

Prerequisite: PSY 6100 and 6360.

Surveys major theories of counseling and psychotherapy from both clinical and research viewpoints.

Credit: 3

PSY 6701 - Therapeutic Interventions: Practice

Prerequisite: PSY 6700.

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.

Credit: 3

PSY 6730 - Crisis Intervention and Trauma Counseling

Prerequisite: PSY 6701 or permission of program director.

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.

Credit: 3

PSY 6740 - Assessment & Treatment of Substance Abuse & Addiction

Prerequisite: PSY 6701 or permission of graduate director.

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 addition development explored. The role of sociocultural factors in substance abuse will be discussed. Diagnostic criteria and empirically based treatment approaches will be reviewed.

Credit: 3

PSY 6745 - Personality Assessment

Prerequisite: Admission to PSY D program.

Theory and practice of personality assessment, focusing on the critical evaluation and selection of validated and reliable instruments that are appropriate for particular populations, purposes, and settings. Emphasis will be on empirically supported objective assessment instruments such as the MMPI-2, and semi-structured interviews such as the Structured Interview of Personality Organization (STIPO) and the Shelder-Western Assessment of Personality (SWAP). Also included will be an introduction to the theory, administration, scoring, and interpretation of the Roschach Inkblot Test, Exner Comprehensive System, with an emphasis on aspects of the Rorschach that have received empirical support.

Credit: 3

PSY 6750 - Group Interventions: Theory & Practice

Prerequisite: PSY 6360 and 6700.

This is a graduate course that covers the theories, approaches, and techniques used in group psychological treatment.

Credit: 3

PSY 6755 - Clinical Interviewing

Prerequisite: Admission to PSY D program.

An introduction to clinical interviewing, and clinical uses and psychometric properties of interviews. Presents the most common interview purposes, including intake, diagnosis, mental status, suicide assessment, behavioral interviews, psychosocial interviews, and unstructured, semi-structured and structured interviews. Reviews and provides practice in essential interviewer skills--attending, listening, body language, using questions, developing rapport, practicing self- and cultural-awareness, and handling difficult clients

Credit: 1

PSY 6760 - Assessment and Treatment of Children and Adolescents

Prerequisite: PSY 6100 and 6200.

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.

Credit: 3

PSY 6770 - Counseling Couples & Families

Prerequisite: PSY 6701 or approval of program director.

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.

Credit: 3

PSY 6765 - Approaches to Case Formulation and Treatment Planning

Prerequisite: Admission to PSY D program.

Case formulation is the development of a hypothesis relating to the etiology of a client's problem, factors which maintain or trigger the expression of the problem, and factors which may reduce the likelihood of the problem's reoccurrence or mitigate against its severity. Underpinned by psychological theory and generated in collaboration with the client, this formulation guides the clinician in the development of treatment goals and a treatment plan that addresses the client's vulnerabilities and triggers, while strengthening protective factors such as positive coping and resilience. This course examines contemporary case formulation strategies, including those which are trans-theoretical as well as those which are bound to particular theoretical approaches, and guides the student through the use of a formulation in building, revising, and implementing a successful treatment plan.

Credit: 3

PSY 6775 - Core Clinical Skills

Prerequisite: Admission to PSY D program.

This is a laboratory-based, experiential course. This course will merge the continued develop of basis therapeutic skills with theoretically based conceptualization skills and techniques. Students will examine their intrapersonal behaviors with theoretical orientations. Students will practice theoretically consistent conceptualization skills and techniques.

Credit: 3

PSY 6970 - Research Practicum

Prerequisite: PSY 6100, 6200 and permission of instructor.

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.

Credit: 3

PSY 6998 - Special Topics in Clinical Mental Health Counseling

Intensive review of selected topics within the discipline. Course content and prerequisites will vary as set forth in an approved syllabus. May be repeated when content has changed.

Credit: 1 to 3

PSY 7100 - Clinical Practice and Supervision I—Community Internship

Prerequisite: PSY 6000, 6500, 6501, 6700; 6701 or concurrent enrollment, and permission of graduate director.

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.

Credit: 3

PSY 7101 - Clinical Practice and Supervision II—Community Internship

Prerequisite: PSY 7100; and permission of graduate director.

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.

Credit: 3

PSY 7102 - Clinical Practice and Supervision III—Community Internship

Prerequisite: PSY 7100, 7101.

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.

Credit: 3

PSY 7200 - Master's Thesis

Prerequisite: PSY 6100, 6200.

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.

Credit: 3

PSY 7500 - Behavioral Approaches to Treatment

Restricted to students in the Doctorate of Clinical Psychology program

Basic learning theory has been successfully applied in the treatment of a wide variety of emotional and behavioral problems. Reviews the history, basic principles and current empirical status of behavioral therapies. Strategies are presented for integrating behavioral techniques into alternative forms of psychotherapy, assessment, and other clinical practices.

Credit: 3

PSY 7505 - Professional Ethics in Health Service Psychology

Restricted to students in the Doctorate of Clinical Psychology program

This course focuses on the legal, ethical and professional issues that influence psychological research and professional practice. The primary goal is to provide students with a thorough knowledge of the ethical and legal issues related to the clinical psychology so that they can make sound ethical decisions. Current professional issues, ethical codes of the American Psychological Association, and relevant legal issues will be discussed in detail.

Credit: 3

PSY 7550 - Developmental Aspects of Behavior

Restricted to students in the Doctorate of Clinical Psychology program

This course provides an overview of normative and atypical human development across the lifespan, from birth to old age. Theories of biological, social, emotional, and cognitive development will be considered, along with individual variations and cultural contexts.

Credit: 3

PSY 7555 - Cognitive and Intellectual Assessment including Psychometrics

Restricted to students in the Doctorate of Clinical Psychology program

Provides an overview of the scientific and historical foundations of mental measurement. Introduction to assessment principles and approaches. Reviews statistical underpinnings of instruments, including strategies of test construction, reliability, validity, clinical utility, and issues in prediction of behavior. Students are required to review and critique several commonly used instruments during this course.

Credit: 3

PSY 7600 - Cognitive Approaches to Treatment

Restricted to students in the Doctorate of Clinical Psychology program

Reviews the theory, applications, and current empirical status of cognitive and cognitive-behavioral psychotherapies, from Glasser, Ellis, Bandura, Meichenbaum, and Beck, to third wave cognitive-behavioral psychotherapies including Dialectical Behavior Therapy, Acceptance and Commitment Therapy, Motivational Interviewing, and Applications of Mindfulness practices. Students will practice Cognitive Therapy techniques in and out of class.

Credit: 3

PSY 7605 - Biopsychosocial Understanding of Human Behavior

Restricted to students in the Doctorate of Clinical Psychology program

Provides a survey of the processes involved in human learning and cognition. Introduces an overview of the foundational theories of how experience results in relatively permanent changes in behavior as well as the underlying mental processes that proceed with behavioral change. Foundational instruction on current theories in both cognitive and behavioral psychology. Includes: learning, perception, attention, memory, language, problem solving, reasoning, and cognitive development. Application to counseling and clinical psychology are examined across all topics.

Credit: 3

PSY 7610 - Integrative Assessment and Disseminating Assessment Results

Restricted to students in the Doctorate of Clinical Psychology program

Integrating cognitive-intellectual, personality, psychodiagnostic assessments, and interview and other data to create a multidimensional understanding of the client. The emphasis is on the collaborative nature of assessment between the client, the psychologist, and the data, the systematic integration of information from a range of sources, and the writing of an assessment report that conveys the client's functioning and strengths in multiple areas in a way that can be understood easily and accurately by the client and other essential parties. Topics for examination include areas of psychopathology that are especially complex requiring collaboration and integration of findings.

Credit: 1

PSY 7615 - Individual and Cultural-Diversity

Restricted to students in the Doctorate of Clinical Psychology program

Presents current topics and research regarding human diversity. Defining, examining, and understanding issues regarding ethnicity, race, age, gender, sexual orientation, class, religion, ability, and physical characteristics will be discussed. The course will include identifying, recognizing, and better understanding one's own prejudices, stereotyping, and ability to discriminate. The main focus of the course is to provide a foundation of understanding diversity in psychological work and research, while becoming a self-aware and culturally competent psychologist in a dynamic and diverse world.

Credit: 3

PSY 7701 - Practicum I

Restricted to students in the Doctorate of Clinical Psychology program

In the four-six semester Practicum sequence, students will be placed in a series of increasingly challenging internal and external placements, through which they will acquire hands-on training and experience in conducting psychological assessments and interventions, as well as other approved activities, in a range of settings and with a range of clients. In addition to approximately 16-20 hours per week of on-site practicum experience and individual face-to-face supervision with their practicum site supervisor, students will engage in weekly group supervision on campus in which they may further discuss and process issues arising from their placements with PsyD program faculty and peers. Didactic sessions (concurrent with group supervision) may focus on aspects of assessment, case formulation, treatment planning, and intervention that have been raised in group supervision.

Credit: 3

PSY 7702 - Practicum II

Restricted to students in the Doctorate of Clinical Psychology program

In the four-six semester Practicum sequence, students will be placed in a series of increasingly challenging internal and external placements, through which they will acquire hands-on training and experience in conducting psychological assessments and interventions, as well as other approved activities, in a range of settings and with a range of clients. In addition to approximately 16-20 hours per week of on-site practicum experience and individual face-to-face supervision with their practicum site supervisor, students will engage in weekly group supervision on campus in which they may further discuss and process issues arising from their placements with PsyD program faculty and peers. Didactic sessions (concurrent with group supervision) may focus on aspects of assessment, case formulation, treatment planning, and intervention that have been raised in group supervision.

Credit: 3

PSY 7703 - Practicum III

Restricted to students in the Doctorate of Clinical Psychology program

In the four-six semester Practicum sequence, students will be placed in a series of increasingly challenging internal and external placements, through which they will acquire hands-on training and experience in conducting psychological assessments and interventions, as well as other approved activities, in a range of settings and with a range of clients. In addition to approximately 16-20 hours per week of on-site practicum experience and individual face-to-face supervision with their practicum site supervisor,

students will engage in weekly group supervision on campus in which they may further discuss and process issues arising from their placements with PsyD program faculty and peers. Didactic sessions (concurrent with group supervision) may focus on aspects of assessment, case formulation, treatment planning, and intervention that have been raised in group supervision.

Credit: 3

PSY 7705 - Practicum V

Restricted to students in the Doctorate of Clinical Psychology program

In the six-semester Practicum sequence, students will be placed in a series of increasingly challenging internal and external placements, through which they will acquire hands-on training and experience in conducting psychological assessments and interventions, as well as other approved activities, in a range of settings and with a range of clients. In addition to approximately 16-20 hours per week of on-site practicum experience and individual face-to-face supervision with their practicum site supervisor, students will engage in weekly group supervision on campus in which they may further discuss and process issues arising from their placements with PsyD program faculty and peers. Didactic sessions (concurrent with group supervision) may focus on aspects of assessment, case formulation, treatment planning, and intervention that have been raised in group supervision.

Credit: 3

PSY 7706 - Practicum IV

Restricted to students in the Doctorate of Clinical Psychology program

In the six-semester Practicum sequence, students will be placed in a series of increasingly challenging internal and external placements, through which they will acquire hands-on training and experience in conducting psychological assessments and interventions, as well as other approved activities, in a range of settings and with a range of clients. In addition to approximately 16-20 hours per week of on-site practicum experience and individual face-to-face supervision with their practicum site supervisor, students will engage in weekly group supervision on campus in which they may further discuss and process issues arising from their placements with PsyD program faculty and peers. Didactic sessions (concurrent with group supervision) may focus on aspects of assessment, case formulation, treatment planning, and intervention that have been raised in group supervision.

Credit: 3

PSY 7800 - History and Systems of Psychology

Restricted to students in the Doctorate of Clinical Psychology program

An historical survey of the epistemological and theoretical roots, development, and contemporary understanding of professional psychology as a practice grounded in science. Emphasis is placed on the empirical underpinnings of professional psychology, as well as on the importance of societal and cultural context in the evolution of our psychological understanding of human behavior. Special emphasis will be given to the history of clinical psychology, and the influence of other branches of psychology on the development of clinical practices.

Credit: 3

PSY 7805 - Interpersonal and Psychodynamic Approaches to Intervention

Restricted to students in the Doctorate of Clinical Psychology program

Introduction to essential elements of interpersonal and time-limited psychodynamic approaches to treatment. The emphasis is on contemporary practice, particularly empirically supported interventions such as Short-Term Psychodynamic Therapy for Depression, Interpersonal Psychotherapy for Depression and eating disorders, and Transference-Focused Therapy for Borderline Personality Disorder.

Credit: 3

PSY 7810 - Advanced Statistics

Restricted to students in the Doctorate of Clinical Psychology program

This course introduces statistical analysis in both application and interpretation, within behavioral science. Emphasis on scientific measurement and interpretation of behavior and mental processes through mathematical objectivity. Statistical concepts include identification of appropriate data analysis, computation of statistical work problems by hand, data entry, data management, and statistical analyses using SPSS. Review of basic statistical concepts, learning advanced concepts, and introduction to advanced modeling will be covered

Credit: 3

PSY 7815 - Multicultural Competence

Restricted to students in the Doctorate of Clinical Psychology program

This course is an introduction to the psychological principles, theories, and applications of multiculturalism. Students will be required to examine one's own sense of self and others' identity, beliefs and assumptions, and behaviors from a multicultural perspective. Theories, research, and skills will be explored so that students can acquire the necessary multicultural competencies for effective work with children and adolescents from diverse backgrounds (i.e., culture, race, ethnicity, class, & gender) in multicultural environments (i.e., public schools, community organizations).

Credit: 3

PSY 7820 - Evaluation of Treatment Effectiveness

Restricted to students in the Doctorate of Clinical Psychology program

This course will teach the contemporary psychological approaches to assessment, treatment planning, and intervention based in biopsychosocial systems and evidence-based interventions. Major areas will include mood disorders, anxiety disorders, substance abuse and addictive disorders, personality disorders, and other serious mental disorders such as schizophrenia. Emphasis on multicultural and ecological contexts in planning and conducting multifaceted interventions for change will be covered. Moreover applicable research designs, e.g., single-subject designs, will be taught and applied.

Credit: 3

PSY 7825 - Quantitative Research Methods

Restricted to students in the Doctorate of Clinical Psychology program

This graduate course introduces basic research methodology and experimental design used in psychological science. 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. Topics include the use of human participants in research, reliability and validity, observational methods, and survey and longitudinal designs. Students will be able to distinguish research designs that permit causal inferences from those that do not, evaluate the appropriateness of conclusions derived from psychological research as well as communicate strengths and limitations of various research designs.

Credit: 3

PSY 7830 - Group Therapy

Restricted to students in the Doctorate of Clinical Psychology program

This is a graduate course that covers the theories, approaches and techniques used in group psychological treatment. The student will learn group therapy behaviors that influence helping processes and group therapy theories that will provide the student with models to conceptualize group presentation and that help the student select appropriate group treatment interventions. The course will teach the principles of group dynamics, including group process components, developmental stage theories, group members' roles and behaviors, and therapeutic factors of group work. The course will also demonstrate group leadership or facilitation styles and approaches, including characteristics of various types of group leaders and leadership styles.

Credit: 3

PSY 8000 - Risk Management in Clinical Practice

Restricted to students in the Doctorate of Clinical Psychology program

The practice of professional psychology can be risky for practitioners, especially those new to practice. Risk can arise from many sources, from high-peril clients to inattentiveness, to details in completing paperwork. This course will teach students to recognize risk, whatever the source, and to make appropriate ethical, legal, and clinical decisions that minimize risk of patient harm, physical harm to the clinician, and potential disciplinary or legal actions.

Credit: 3

PSY 8730 - Crisis Intervention and Trauma

Restricted to students in the Doctorate of Clinical Psychology program

This course will provide an overview of the psychological impact of crisis and trauma across the lifespan, including cultural and historical trauma. It includes theories of trauma from the Greco-Roman period to today, the multifaceted, biopsychosocial nature of trauma and traumatic stress, the effect of trauma on individuals and systems, and the concepts of resilience and posttraumatic growth. It reviews evidence-based assessment and trauma-focused intervention for conditions such as PTSD, as well as trauma-informed interventions and practice, crisis interventions, and disaster response, and self-care issues for psychologists practicing in this field

Credit: 3

PSY 8800 - Dissertation Preparation

Restricted to students in the Doctorate of Clinical Psychology program

This course will provide guidance for the student who is beginning to plan their dissertation. Through seminars, interactive exercises, and group supervision, students will generate and develop research questions and hypotheses, begin a preliminary literature review, develop their methodology, and begin writing their proposal and IRB protocol. Through a process of two-way interviews, they will also select a dissertation chair and committee members. At the end of this course, students will submit their formal dissertation proposal for approval.

Credit: 2

PSY 8814 - Advanced Topics in Psychopathology, Assessment, and Intervention

Restricted to students in the Doctorate of Clinical Psychology program

Intensive review of selected topics in the areas of psychopathology, assessment, and intervention. Course content and prerequisites will vary as set forth in an approved syllabus. Indicative topics include: Humanistic, Existential, and Experiential Therapies, Personality Disorders, Psychological Treatment of Physical Health Conditions and Issues, Child and Family Therapy, Substance Abuse, Neuropsychological Assessment, Psychopharmacology, Behavioral Medicine, and Forensic Psychology.

Credit: 3

RE - Real Estate

RE 3000 - Principles and Practice of Real Estate

Prerequisite: Any WC&IL II course.

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.

Credit: 3

RE 3300 - Real Estate Finance

Prerequisite: FIN 3000.

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.

Credit: 3

RE 3400 - Real Estate Law

Prerequisite: MGMT 3060 and RE 3000.

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.

Credit: 3

RE 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 credits.

Credit: 1 to 3

RE 4997 - Directed Readings in Real Estate

Directed readings in real estate.

Credit: 3

REL - Religious Studies

REL 1000 - 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.

Credit: 3

REL 1001 - 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.

Credit: 1

REL 3000 - Religion, Sacrifice, and Violence

Prerequisite: Any WC&IL II course.

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.

Credit: 3

REL 3001 - Religion and Social Change

Prerequisite: Any WC&IL II course.

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.

Credit: 3

REL 3007 - On Death and Dying

Prerequisite: Any WC&IL II course.

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.

Credit: 3

REL 3151 - Bible as Literature

Prerequisite: Any WC&IL I course.

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.

Credit: 3

REL 3152 - Understanding Early Christian Literature

Prerequisite: Any WC&IL II course.

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.

Credit: 3

REL 3200 - Abrahamic Traditions

Prerequisite: Any WC&IL II course.

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.

Credit: 3

REL 3310 - Asian Traditions

Prerequisite: Any WC&IL II course.

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.

Credit: 3

REL 3500 - Indigenous Traditions

Prerequisite: Any WC&IL II course.

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.

Credit: 3

REL 3600 - War in World Religions

Prerequisite: Any WC&IL II course.

A survey of the historical link between religion and war, from antiquity to the present and from west to east. Students will peruse literature justifying war, imagining war, and condemning war from different cultures, religions, and historical periods.

Credit: 3

REL 3700 - Gender in the Bible

Prerequisite: Any WC&IL II course.

Course explores representations of gender in the Hebrew and Greek scriptures and in apocryphal literature associated with Judaism and Christianity extending into the 4th century CE. Students harness a variety of literary, historical, and archaeological tools to explore these representations.

Credit: 3

REL 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

REL 3997 - Directed Readings

Directed individualized readings.

Credit: 3

REL 4002 - Religion, Sustainability, and Globalization

Prerequisite: Any WC&IL II course and junior or senior standing.

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.

Credit: 3

REL 4900 - Seminar in Religious Studies

Prerequisite: Any WC&IL II course and junior or senior standing.

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.

Credit: 3

REL 6002 - Religion, Sustainability, and Globalization

Prerequisite: Graduate standing.

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, and cooperation and competition with outsiders. The other set deals with the changes in these attitudes subsequent to globalization.

Credit: 3

REL 6011 - Religion in World History

Prerequisite: Graduate standing.

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.

Credit: 3

SOC - Sociology

SOC 1000 - 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.

Credit: 3

SOC 2000 - Social Problems and Policy

Prerequisite: Any introductory social science/political science course; any WC&IL I course.

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.

Credit: 3

SOC 2600 - 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.

Credit: 3

SOC 3100 - Methods of Inquiry

Prerequisite: A grade of C- or higher in any WC&IL II course; any three social science courses.

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.

Credit: 3

SOC 3380 - Cross-Cultural Relations

Prerequisite: Any two social science courses; Any WC&IL II course.

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.

Credit: 3

SPAN - Spanish

SPAN 1100 - Beginning Spanish I

An introduction to written and spoken Spanish. This is the first semester of a two-semester sequence.

Credit: 3

SPAN 1200 - Beginning Spanish II

Prerequisite: SPAN 1100.

An introduction to written and spoken Spanish. This is the second semester of a two-semester sequence.

Credit: 3

SPAN 2100 - Intermediate Spanish I

Prerequisite: SPAN 1200.

Conversation, reading, grammar, and introduction to Spanish culture. This is the first semester of a two-semester sequence.

Credit: 3

SPAN 2200 - Intermediate Spanish II

Prerequisite: SPAN 2100.

Conversation, reading, grammar, and introduction to Spanish culture. This is the second semester of a two-semester sequence.

Credit: 3

SPAN 3100 - Advanced Spanish Speaking and Listening

Prerequisite: SPAN 2200.

Advanced conversation, stressing the ability to develop fluency on a variety of topics; formal presentations; and listening, stressing the ability to understand extended discourse.

Credit: 3

SPAN 3200 - Advanced Spanish Writing and Grammar

Prerequisite: SPAN 2200.

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.

Credit: 3

SPAN 3310 - Culture and Literature of Spain

Prerequisite: SPAN 2200.

Reading, discussion, and written analysis and response to various forms of literature and contemporary media of Spain.

Credit: 3

SPAN 3320 - Culture and Literature of Mexico and Central America

Prerequisite: SPAN 2200.

Reading, discussion, and written analysis and response to various forms of literature and contemporary media of Mexico and Central America.

Credit: 3

SPAN 3330 - Culture and Literature of South America

Prerequisite: SPAN 2200.

Reading, discussion, and written analysis and response to various forms of literature and contemporary media of South America.

Credit: 3

SPAN 3340 - Culture and Literature of Caribbean

Prerequisite: SPAN 2200.

Reading, discussion, and written analysis and response to various forms of literature and contemporary media of the Caribbean.

Credit: 3

SPAN 3350 - Culture and Literature of Spanish-speakers in the U.S.

Prerequisite: SPAN 2200.

Reading, discussion, and written analysis and response to various forms of literature and contemporary media of the Spanish-speaking United States.

Credit: 3

STSS - Strategic and Security Studies

STSS 2601 - War and Civilization

Prerequisite: Any WC&IL I course.

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 as these and other themes from a global perspective.

Credit: 3

STSS 6301 - China's National Security and Modern Military Doctrine

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, a Certificate in National Security Studies, or a Certificate in Sustainability and Security Studies.

The course provides an in-depth analysis of China's present and future 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.

Credit: 3

STSS 6600 - 20th-Century Intelligence Operations

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, or a Certificate in National Security Studies

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.

Credit: 3

STSS 6666 - Theory and Practice of Counterinsurgency

Prerequisite: Graduate standing. Restricted to students pursuing master's degrees in Diplomacy and Military Studies or Sustainability, a Certificate in National Security Studies, or a Certificate in Sustainability and Security Studies.

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 and read and discuss major theorists, including Mao Tse-tung, Che Guevara, David Galula,, and current U.S. Army and Marine COIN doctrine.

Credit: 3

STSS 6990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 9 credit hours.

Credit: 1 to 3

STSS 6997 - Special Topics in Strategic and Security Studies

Prerequisite: Graduate standing.

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).

Credit: 3

SUST - Sustainability

SUST 6000 - Sustainable Human Systems

Prerequisite: Graduate standing.

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.

Credit: 3

SUST 6001 - Seminar in Environmental Governance

Prerequisite: Graduate standing.

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.

Credit: 3

SUST 6002 - Sustainable Community Development

Prerequisite: Graduate standing.

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.

Credit: 3

SUST 6005 - Research Methods for Environmental and Social Policy Formation

Prerequisite: Graduate standing.

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.

Credit: 3

SUST 6310 - Sustainable Tourism

Prerequisite: Graduate standing.

The study of how advances to the global tourism industry impacts on local cultures, eco-systems and livelihoods. Case studies are presented to assess relationships between natural resources and tourism industries, challenges to sustaining cultural identities and the integrity of tourism destinations, and the current and future value of cultural, natural and social capital to guide investment in tourism destinations.

Credit: 3

SUST 6320 - Sustainable Cities

Prerequisite: Graduate standing.

The course explores urban sustainability from an historical, social, and environmental perspective. It examines the development of cities from their ancient beginnings to the early part of the 21st century. With that foundation, students will gain an in-depth knowledge of challenges and opportunities facing urban centers around the world and be able to identity solutions for developing sustainable cities of the future.

Credit: 3

SUST 6330 - Industrial Ecology and Sustainability

Prerequisite: Graduate standing.

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.

Credit: 3

SUST 6340 - An Environmental History of the Modern World

Prerequisite: Graduate standing.

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.

Credit: 3

SUST 6350 - Globalization and Natural Systems

Prerequisite: Graduate standing.

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.

Credit: 3

SUST 6360 - 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.

Credit: 3

SUST 6500 - Ecological Economics and Sustainable Development

Prerequisite: Graduate standing.

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.

Credit: 3

SUST 6600 - Colloquium: *I Ka'ana Like 'Ana o Ka Ike*

Prerequisite: Graduate standing and enrollment in the MASUST program.

This colloquium series builds upon core sustainability competencies introduced in MAS UST courses. The seminars develop students' knowledge of emerging sustainability initiatives at the global and local levels, community engagement opportunities and cultural competencies in Hawaii, and opportunities for professional development.

Credit: 0

SUST 6920 - Special Topics in Sustainability

Prerequisite: Graduate standing.

The title, content and prerequisites for this course will vary with instructor and need in the MASUST program. The course may be repeated when the title and content have changed.

Credit: 3

SUST 6950 - Globalization, Environment, and Sustainability Development Practicum

Prerequisite: Graduate standing.

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 MASUST 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.

Credit: 1 to 4

SUST 6990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 9 credit hours.

Credit: 1 to 3

SUST 6997 - Directed Readings in Sustainability

Prerequisite: Graduate standing or permission of the instructor.

Directed individualized readings.

Credit: 3

SUST 7100 - Professional Paper I

Prerequisite: SUST 6005. Graduate standing and approval from instructor and/or program director.

Initial design and development of the major research paper for students in the MA program in Sustainability.

Credit: 3

SUST 7200 - Professional Paper II Capstone

Prerequisite: SUST 7100. Graduate standing and approval from instructor and/or program director.

Follow on to the SUST 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 Sustainability.

Credit: 3

SWRK - Social Work

SWRK 1010 - Social Sustainability, Social Entrepreneurship, and Social Work

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 are 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.

Credit: 3

SWRK 3000 - Generalist Social Work Practice

Prerequisite: SWRK 1010; restricted to BSW majors

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, and follow-up.)

Credit: 3

SWRK 3003 - Human Behavior in the Social Environment I

Prerequisite: SWRK 1010; restricted to BSW majors

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 adaption. 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.

Credit: 3

SWRK 3005 - Human Behavior in the Social Environment II

Prerequisite: A grade of C- or better in any WCIL II course

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.

Credit: 3

SWRK 3010 - Social Work Practice with Individuals

Prerequisite: SWRK 3000 or 3005 (may be taken concurrently); restricted to BSW majors

A closer examination of the social work skills and methods with individuals including diverse/special populations.

Credit: 3

SWRK 3025 - Sexuality in Health & Society

Prerequisite: Any WC&IL II course.

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 Heath 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 and historical, legal, political, social and ethical issues impacting sexuality.

Credit: 3

SWRK 3300 - Writing and Research in Social Work

Prerequisite: MATH 1123, may be taken concurrently, and any WC&IL II course; restricted to BSW majors

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.

Credit: 3

SWRK 3570 - American Social Welfare Policy

Prerequisite(s): SOC 2000, and PSCI 1400, and any WC&IL II course (may be taken concurrently)

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.

Credit: 3

SWRK 3700 - Special Topics in the Social World

Prerequisite: Any WC&IL II course

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.

Credit: 3

SWRK 3900 - Practice in the Profession

Prerequisite: SWRK 3010 or concurrent; restricted to BSW majors

This course focuses on the development and integration of the knowledge, values, and skills needed for a successful fourth year practicum experience in social work. Students will explore roles in various aspects of social work practice, network with area professionals, and engage in service learning at a social agency. Development of professional identity will be facilitated through exploration of ethics, professional writing, simulation experiences, and reflection. This course includes a lab portion for each class where students will practice skills and apply knowledge and values. Knowledge in this course is utilized in SWRK 4900 and 4910 courses.

Credit: 3

SWRK 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the

department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

SWRK 4000 - Social Work Practice with Families and Groups

Prerequisite: SWRK 3005, 3010, and 3900; restricted to BSW majors

A closer examination of the social work skills and methods with families and groups, including diverse/special populations.

Credit: 3

SWRK 4010 - Social Work Practice with Organizations and Communities

Prerequisites: SWRK 3005, 3010, and 3900; restricted to BSW majors

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.

Credit: 3

SWRK 4900 - Social Work Practicum I

Prerequisite: SWRK 3005, 3010, 3900; restricted to BSW majors

Students apply and integrate classroom theory in social agencies under close supervision. Required for all social work majors.

Credit: 3

SWRK 4910 - Social Work Practicum II

Prerequisite: SWRK 4900; restricted to BSW majors.

Students apply and integrate classroom theory in social agencies under close supervision. Required for all social work majors.

Credit: 3 to 4

SWRK 4960 - Social Work Capstone

Prerequisite: SWRK 3000, 3010, 4000, 4010 and 4900 or permission of program director; restricted to BSW majors

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.

Credit: 3

SWRK 6001 - Fundraising and Resources Development for Non-Profit Organizations and Agencies

Prerequisite: Graduate standing.

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.

Credit: 3

SWRK 6002 - Crisis Intervention and Prevention

Prerequisite: Admission to the MSW program.

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.

Credit: 3

SWRK 6003 - Global Social Work Practice

Prerequisite: Admission to the MSW program or with permission from the MSW Program Director.

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.

Credit: 1 or 3

SWRK 6050 - Graduate Study of Social Work for Advanced Standing Students

Prerequisite: Admission to Advanced Standing MSW program.

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.

Credit: 3

SWRK 6100 - Generalist Social Work Practice with Individuals

Prerequisite: Graduate standing.

This course is designed to teach students about methods of generalist social work practice at the micro level, with individuals.

Credit: 3

SWRK 6102 - Generalist Social Work Practice with Families and Groups

Prerequisite: SWRK 6200 and 6201^. (^May be taken concurrently.)

This course is designed to teach students about methods of generalist social work practice at the mezzo level, with families and small groups.

Credit: 3

SWRK 6103 - Generalist Social Work Practice with Organizations and Communities

Prerequisite: SWRK 6050 or SWRK 6102

This course is designed to teach students about methods of generalist social work practice at the macro level, with organizations and communities.

Credit: 3

SWRK 6200 - Human Behavior in the Social Environment I

Prerequisite: Admission to the MSW program.

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.

Credit: 3

SWRK 6201 - Human Behavior in the Social Environment II

Prerequisite: Admission to the MSW program.

This course is designed to teach MSW students about family, group, and community influences on the behavior of individuals.

Credit: 3

SWRK 6300 - Social Work Research I

Prerequisite: Admission to the MSW program.

This course is designed to introduce MSW students to the principles of practice evaluation and “evidence-based practice.”

Credit: 3

SWRK 6500 - Social Welfare Policy I

Prerequisite: Admission to the MSW program.

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.

Credit: 3

SWRK 6510 - Legal and Ethical Issues in Social Work

Prerequisite: Admission to the MSW program.

Consideration of current laws/legal decision affecting the practice of social work. Application of ethical principles to practice dilemmas.

Credit: 3

SWRK 6801 - Military and Veteran Social Work Practice

Prerequisite: Admission to the MSW program

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.

Credit: 3

SWRK 6900 - Graduate Practicum I

Prerequisite: Admission to the MSW program.

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.

Credit: 3

SWRK 6901 - Graduate Practicum II

Prerequisite: SWRK 6900.

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.

Credit: 3

SWRK 6990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level and a 3.0 for graduate.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy. Internships may be repeated for a total of 9 credit hours.

Credit: 1 to 3

SWRK 6997 - Directed Readings in Social Work

Directed individualized readings.

Credit: 1 to 3

SWRK 7100 - Culture and Diversity in Advanced Generalist Practice

Prerequisite: SWRK 6100, 6102, 6103, 6200, 6201, 6900, and 6901; or SWRK 6050. Graduate standing.

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.

Credit: 3

SWRK 7101 - Advanced Practice with Diverse Individuals

Prerequisite: SWRK 6100 and SWRK 7100; or SWRK 6050

Introduction to counseling knowledge, ethics, and skills appropriate for multicultural advanced social work practice.

Credit: 3

SWRK 7102 - Advanced Practice with Diverse Families and Groups

Prerequisite: SWRK 6050 or 6102; and SWRK 7100.

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.

Credit: 3

SWRK 7103 - Advanced Practice with Diverse Organizations and Communities

Prerequisite: SWRK 6103 or SWRK 6050; SWRK 7100.

Knowledge, ethics, and skills for culturally-competent advanced social work practice with organizations and communities.

Credit: 3

SWRK 7300 - Social Work Research II

Prerequisite: SWRK 6050 or 6300.

Research methods applied to knowledge generation in social work.

Credit: 3

SWRK 7301 - Research Methods in Military Social Work and Veterans Affairs

This course focuses on research methods in a military social work and veterans 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 veterans affairs.

Credit: 3

SWRK 7350 - Integrative Seminar in Advanced Generalist Practice

Prerequisite: SWRK 7300^. (^May be taken concurrently.)

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.

Credit: 3

SWRK 7351 - Integrative Seminar in Military Social Work and Veteran Affairs

Prerequisite: Admission to the MSW program.

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.

Credit: 3

SWRK 7500 - Social Welfare Policy and Services II

Prerequisite: SWRK 6050 or 6500.

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.

Credit: 3

SWRK 7900 - Graduate Practicum III

Prerequisite: SWRK 6050 or 6901.

Supervised work in a community social agency with special focus on a cultural group.

Credit: 3

SWRK 7901 - Graduate Practicum IV

Prerequisite: 7900.

Continuation of supervised work in a community social agency with special focus on a cultural group.

Credit: 3

SWRK 7902 - Military and Veterans Affairs Practicum III

Prerequisite: SWRK 6050 or 6901, Agency with special focus on a cultural group.

Use of a peer supervision model based on reciprocal arrangements whereby peers work together for mutual benefit, 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.

Credit: 3

SWRK 7903 - Military and Veterans Affairs Practicum IV

Prerequisite: SWRK 6050 or 6901, Agency with special focus on a cultural group.

Continuation of a peer supervision model based on reciprocal arrangements whereby peers work together for a mutual benefit, 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.

Credit: 3

THEA - Theatre

THEA 1000 - Introduction to Theatre

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.

Credit: 3

THEA 1400 - Introduction to Technical Theatre

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.

Credit: 3

THEA 2000 - Theatre 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.

Repeatable for up to 4 credits.

Credit: 1 to 2

THEA 2320 - 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 theatre games and exercises, pantomimes, improvisation, short dialogue scenes, and monologues.

Credit: 3

THEA 3500 - Applied Technical Theatre

Prerequisite: THEA 1400.

A continuation of production work on current HPU theatre offering with increased responsibilities to the overall production.

Credit: 3

THEA 3520 - Acting II: Advanced Acting

Prerequisite: THEA 2320 or professor's consent.

Students build on acting and performance skills acquired in Theatre 2320: Acting I. Work includes monologues, scene work, improvisation, and techniques for character creation and development.

Credit: 3

THEA 3600 - Advanced Technical Theatre

Prerequisite: THEA 3500.

Advanced training in theatre production, preparing students for employment in theatre marketing, theatre management, and theatre production.

Credit: 3

THEA 3620 - Directing

Prerequisite: THEA 3520 or 3500 or consent of instructor.

Understanding and discovering theater from the director's point of view and 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.

Credit: 3

THEA 4900 - Seminar in Theatre

Prerequisite: THEA 3520, 3600, or 3620.

Students complete a series of projects in theatre, 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.

Credit: 3

THEA 4950 - Theatre Performance

Prerequisite: Any introductory theatre course, or consent of instructor.

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.

Credit: 3

UNIV - University

UNIV 1000 - First Year Seminar

In a small classroom setting, this course will help new students make a positive transition to HPU by helping them adjust to academic and student life. Students will develop relationships with their classmates, faculty/staff instructor and peer mentor, to foster an inclusive and welcoming community. To make the most of their experience at HPU, students will participate in meaningful discussions, personal reflections, and engaging activities within and outside the classroom to learn more about themselves, others, HPU, and Hawai'i. Restricted to undergraduate students. To be completed during the first semester of enrollment.

Credit: 1

WRI - Writing

WRI 1050 - Introduction to Academic Writing

This course introduces students to college-level writing. It provides instruction in essay development, and the writing process, including brainstorming, drafting, revising, and editing. Students must earn a grade of C- or higher to move on to WRI 1100.

Credit: 3

WRI 1100 - Writing and Analyzing Arguments

Prerequisite: A grade of C- or better in WRI 1050 or a score of 480+ in SAT Evidence Based Reading & Writing or a score of 21+ in ACT English or a score of 5+ in Accuplacer Writeplacer

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.

Credit: 3

WRI 1101 - Writing and Analyzing Arguments Lab

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.

Credit: 1

WRI 1150 - Literature and Argument

Prerequisite: an appropriate score on a placement test.

Literature and Argument combines the basic elements of HPU's freshman writing course on the argument essay with an introduction to reading and responding to literary texts. It is designed for students whose interests may lead them into more advanced courses in English or other humanistic disciplines. Students will observe the ways authors use figurative language and the conventions of genre and narrative to structure texts, both literary and rhetorical. They will also analyze arguments and construct their own arguments in response to the texts we read. As students construct these responses, the course will also emphasize the writing process.

Credit: 3

WRI 1200 - Research, Argument, and Writing

Prerequisite: An appropriate score on a placement test or a grade of C- or better in any WC&IL I course.

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.

Credit: 3

WRI 1201 - Research, Argument, and Writing Lab

Prerequisite: Concurrent enrollment in any WC&IL II course.

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.

Credit: 1

WRI 1250 - Introduction to Research in the Humanities

Prerequisite: A grade of C- or better in any WC&IL I course.

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, and 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.

Credit: 3

WRI 2601 - Introduction to Creative Writing

Prerequisite: Any WC&IL I course.

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.

Credit: 3

WRI 3310 - Poetry Workshop

Prerequisite: Any WC&IL II course; or WRI 1150, ENG 2000, 2100, 2500 or WRI 2601; or department permission.

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.

Credit: 3

WRI 3320 - Scriptwriting

Prerequisite: Any WC&IL II course; or WRI 1150, ENG 2000, 2100, 2500 or WRI 2601; or department permission.

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-scène, 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.

Credit: 3

WRI 3330 - Fiction Writing Workshop

Prerequisite: Any WC&IL II course; or WRI 1150, ENG 2000, 2100, 2500 or WRI 2601; or department permission.

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. This course is conducted as a creative writing workshop.

Credit: 3

WRI 3340 - Creative Nonfiction Writing Workshop

Prerequisite: Any WC&IL II course; or WRI 1150, ENG 2000, 2100, 2500 or WRI 2601; or department permission.

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.

Credit: 3

WRI 3391 - Wanderlust: Student Literary Magazine

Prerequisite: Any WC&IL II course; or WRI 1150, ENG 2000, 2100, 2500 or WRI 2601; or department permission.

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.

Credit: 3

WRI 3420 - Grant Writing

Prerequisite: Any WC&IL II course

WRI 3420 Grant Writing is a workshop course in which each student will not only learn the features, writing, and organizational processes of successful grant applications but also produce both an individual grant application and a corporate/organization grant application ready for either a funding organization and/or a fiscal sponsor. Specifically, students will learn how to locate funding resources, identify community or market needs related to their professional interests, develop an effective process for developing and completing grants, and craft each of the critical components of common successful grant applications. **Repeatable:** If the second section has a different disciplinary focus (once)

Credit: 3

WRI 3510 - Composition Studies

Prerequisite: Any WC&IL II course; or WRI 1150, ENG 2000, 2100, 2500 or WRI 2601; or department permission.

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.

Credit: 3 or 4

WRI 3930 - Fresh Perspectives

Prerequisite: Any WC&IL II course

This is a practicum course in which students will be the editors for *Fresh Perspectives: HPU's Anthology of First-Year Writing*. Student editors, under the supervision of an HPU English professor, will make selections from teacher-nominated essays; will engage in a collaborative editorial process with the selected student writers; and will design, lay out, and upload the content in an attractive and professional format. Student editors take the course for 1 credit; students who take on a managerial role can take the course for 2-3 credits. Repeatable for up to 3 credits.

Credit: 1-3

WRI 3951 - Staff Reader, Hawai'i Pacific Review

Prerequisite: Any WC&IL II course; or WRI 1150, ENG 2000, 2100, 2500 or WRI 2601; or department permission.

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 publican, 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.

Credit: 1

WRI 3953 - Managing Editor, Hawai‘i Pacific Review

Prerequisite: Any WC&IL II course; or WRI 1150, ENG 2000, 2100, 2500 or WRI 2601; or department permission.

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 in constant communication with the staff. They should expect to plan and convoke several editorial meetings with the entire staff.

Credit: 3

WRI 3990 - Internship

Prerequisite: At least a 2.7 GPA for undergraduate level.

Internships provide students with applied, experiential learning opportunities so that they can make connections between academic study and the practical application of that study in a professional work environment. Academic internships are supervised by a faculty member and an on-site professional supervisor. All academic internships must be approved in advance by the department or program. Unless stipulated otherwise by the department or program, credit hours are defined by the university's credit hour policy (for example, a 3-credit internship will require a minimum of 120 hours onsite). Internships may be repeated for a total of 9 credit hours.

Repeatable for up to 9 Credits.

Credit: 1 to 3

WRI 4990 - Advanced Writing Revision Workshop

Prerequisite: Three 3000-level writing courses; or permission of instructor.

Using a workshop format, students will study the 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 three credits will synthesize selected pieces into a coherent, compelling, portfolio that they may carry forward to their professional or graduate school careers.

Credit: 1 to 3

WRI 4997 - Directed Readings in Writing

Directed individualized reading.

Credit: 1 to 3

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LYNETTE HI'ILANI CRUZ, PH.D. *Kupuna in Residence*
RICHARD C. HUNTER *Former Executive Vice President DFS Group*

Full-Time Faculty

April Akeo, Ph.D. *University of Phoenix* *Assistant Professor of Nursing*
Amanda Arevalo, PT, DSc *University of Oklahoma* *Lecturer of Physical Therapy*
Michelle Alarcon-Catt, J.D. *Loyola Law School* *Associate Professor of Management*
Russell Alfonso, Ph.D. *University of Hawai'i at Mānoa* *Assistant Professor of Humanities*
Stephen Allen, Ph.D. *University of Toronto* *Associate Professor of Environmental Science*
Gabriela Artigas, MSIS *Hawaii Pacific University* *Career Instructional Faculty of Computer Science*
Douglas Askman, Ph.D. *University of California at Los Angeles* *Professor of History*
Allison Bachlet, Ph.D., N.D. *Assistant Professor of Biology*
Gideon Berger, Ph.D. *University of California, Davis* *Associate Professor of Chemistry*
Kayla Black, PT, DPT *Duke University* *Assistant Professor of Physical Therapy*
Brenden Bliss, M.A. *King's College London* *Career Instructional Faculty of Homeland Security*
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Ronnie Crane, Ph.D. *University of Virginia* *Associate Professor of Mathematics & Computer Science*
Stewart Crawford, Ph.D. *Colorado State University* *Associate Professor of Computer Science*
Cheryl Crozier Garcia, Ph.D. *Walden University* *Professor of Human Resource Management*
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Catherine Ghourani, Ph.D. *University of Wollongong* *Assistant Professor of Mathematics*
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Lindsey Gibson, Ph.D. *New Mexico State University* *Associate Professor of Organizational Management*
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Varis Grundmanis
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SayBrook
Assistant Professor of Psychology

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Jimi Park, Ph.D.
Korea University Business School
Assistant Professor of Marketing

Daewoo Park, Ph.D.
Texas A&M University
Professor of Management & Department Chair

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Lawrence Rowland, Ed.D. *University of Southern California* *Assistant Professor of Information Systems*

Full-Time Faculty

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Alec Schumacker, DMA. *University of Miami* *Assistant Professor of Music*
Brandy Schwarz, PT, DPT, EdD *Texas Christian University* *Associate Professor of Physical Therapy*
Kristine Slagle, DNP *Case Western University* *Assistant Professor of Nursing*
David Smith, DNP *Grand Canyon University* *Assistant Professor of Nursing*
Mary Smith, Ed.D. *University of Southern California* *Assistant Professor of Computer Science*
Micheline Soong, Ph.D. *University of California at Los Angeles* *Associate Professor of English*
Edward Souza, MS *Hawai'i Pacific University* *Career Instructional Faculty of Information Systems*
Thomas Stetz, Ph.D. *Central Michigan University* *Associate Professor of Psychology*
Sheryl Sunia, MS *Chaminade University* *Career Instructional Faculty of Justice Administration & Curriculum Area Liaison*
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Robert Wilson, MA

University of Hawai'i at Mānoa

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University of New Orleans

Associate Professor of Finance

Qing Zhang, PT, DPT

University of Nevada, Las Vegas

Assistant Professor of Physical Therapy

Yi Zhu, Ph.D.

University of Texas

Associate Professor of Computer Science

University Academic Calendar

Campus Maps

CAMPUS MAPS

HAWAI'I PACIFIC UNIVERSITY

LOOK CLOSER. SEE FURTHER. DO MORE.

AP
Aloha Pacific Federal Credit Union Building
988 Fort Street
Honolulu, HI 96813

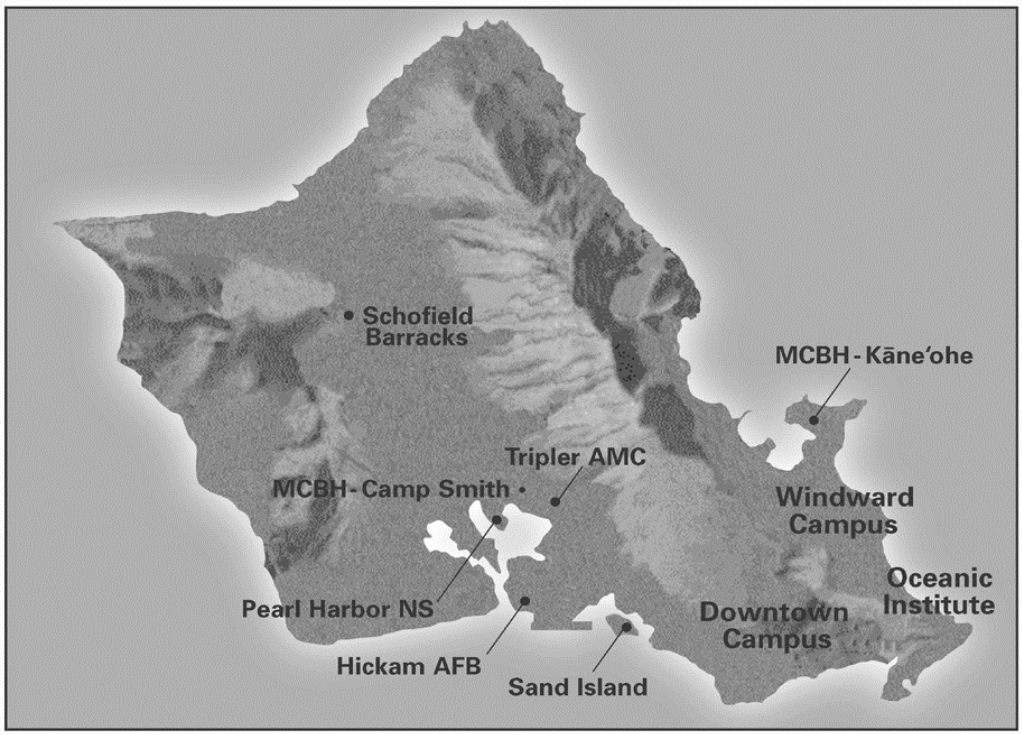
ATM
Aloha Tower Marketplace
1 Aloha Tower Drive
Honolulu, HI 96813

MP
Model Progress Building
1188 Fort Street
Honolulu, HI 96813

PL
Pioneer Plaza
900 Fort Street Mall
Honolulu, HI 96813

WP
Waterfront Plaza
500 Ala Moana Blvd
Honolulu, HI 96813

HPU Campus Locations



Appendix A - Credit Equivalency Tables for Graduate VA Students

Appendix A - Credit Equivalency Tables for Graduate VA Students

The following tables are for graduate students using Chapter 30 and Chapter 35. For graduate students using Chapter 31 and Chapter 33, the full-time equivalent is reported with the credits certified and the VA will calculate a rate-of-pursuit for payment of benefits.

Graduate Fall, Spring, and Summer 16 Week Semesters

STATUS	NUMBER OF CREDITS
FT (full-time)	9 or more
3/4 time	7-8
1/2 time	5-6
1/4 time	3-4

WEEKS ---> STATUS	16	15	14	13	12	11	10	9
FT	9 cr	9 cr	8 cr	8 cr	7 cr	7 cr	6 cr	6 cr
3/4 time	7 cr	7 cr	6 cr	6 cr	6 cr	6 cr	5 cr	5 cr
1/2 time	5 cr	5 cr	4 cr	4cr	4 cr	4 cr	3 cr	3 cr
1/4 time	3 cr	3 cr	2 cr	2 cr	2 cr	2 cr	2 cr	2 cr

WEEKS ---> STATUS	8	7	6	5	4	3	2	1
FT	5 cr	4 cr	4 cr	3 cr	3 cr	2 cr	2 cr	1 cr
3/4 time	4 cr	3 cr	3 cr	-	-	-	-	-
1/2 time	3 cr	2 cr	2 cr	2 cr	2 cr	1 cr	1 cr	-
1/4 time	2 cr	1 cr	1	1 cr	1 cr	-	-	-

Appendix B - Tuition and Fee Schedule

Appendix B - Tuition and Fee Schedule - AY 2022

Note: The tuition and fee schedules can be found at the HPU website: www.hpu.edu/business-office/fee-schedule.html. Tuition and fees are subject to change. The fees noted below were in place at the time of catalog publication.

Undergraduate Academic Year 2022-2023 Tuition and Fee Schedule

Fall 2022/Spring 2023 (Full-Time)	
Tuition	**Rate**
12 - 17 credits	per semester
• **Regular, Pre-Nursing, and Residential Honors**	**$15,720**
• **Nursing (Level 1 and above, including Nursing RN to BSN Pathway)**	**$18,660**
Each additional credit over 17 credits	per credit
• **Regular, Pre-Nursing, and Residential Honors**	**$1,310**
• **Nursing (Level 1 and above, including Nursing RN to BSN Pathway)**	**$1,555**
Mandatory Student Fees	**Fee**
• Student Activity Fee	$50
• Technology Fee	$100
• Transportation Fee/Upass	$100
• Health Center Fee (only for students who entered HPU Fall 2020 or later)	$140
Fall 2022/Spring 2023 (Part-Time)	
Tuition	**Rate**
1 - 11 credits	per credit
• **Regular and Pre-Nursing**	**$1,310**
• **Nursing (Level 1 and above, including Nursing RN to BSN Pathway)**	**$1,555**
Mandatory Student Fees	**Fee**
• Student Activity Fee	$25

• Technology Fee	$25
Winter 2022/Summer 2023 (All Students)	
Tuition	**Rate per credit**
12 - 17 credits	per semester
• **Regular, Pre-Nursing, and Residential Honors**	**$15,720**
• **Nursing (Level 1 and above, including Nursing RN to BSN Pathway)**	**$18,660**
Each additional credit over 17 credits	per credit
• **Regular, Pre-Nursing, and Residential Honors**	**$1,310**
• **Nursing (Level 1 and above, including Nursing RN to BSN Pathway)**	**$1,555**
Mandatory Student Fees	**Fee**
• Technology Fee	$25

Graduate Academic Year 2022-2023 Tuition and Fee Schedule

In Person vs. Online Degrees	
An "Online Degree" one which can be completed 100% online and the student does not need to set foot on campus. All other degrees are considered "In Person." In Person degrees include programs which are mostly online but could have one or two specific courses which meet in person.	
Enrollment Status	
Open =	*This degree is active and may be accepting new students. Check with HPU Admissions for more information about these programs: admission@hpu.edu .*
Closed =	*This degree is no longer accepting new students. However, some programs may still have actively enrolled students.*

Certificates (all terms)			
Post-Baccalaureate Certificate in...	**Enrollment Status**	**In Person: Per Credit**	**Online: Per Credit**
Business Analytics	Open	N/A	$1,250
Environment, Policy, and Leadership	Open	$ 1,175	N/A
Global Leadership and Sustainable Development	Open	$ 1,175	N/A
National Security & Strategic Studies	Open	$ 1,000	N/A
Nonprofit Management	Open	$ 900	$ 900
Organization Development and Change	Open	$ 1,175	$ 1,175
Sustainability and Security Studies	Open	$ 1,000	N/A
Teaching English to Speakers of Other Languages (TESOL)	Open	$ 750	N/A
Post-Master Certificate in...	**Enrollment Status**	**In Person: Per Credit**	**Online: Per Credit**
Adult-Gero Nurse Practitioner	Open	$ 1,450	$ 975
Family Nurse Practitioner	Open	$ 1,450	$ 975
Psychiatric Mental Health	Open	N/A	$ 975

Doctorate Degrees (all terms)			
	Enrollment Status	**In Person: Per Credit**	**Online: Per Credit**
Doctorate of Nursing Practice	Open	N/A	$ 975
... in Adult Gero Acute Care	Open	N/A	$ 975
... in Family Nurse Practitioner	Open	N/A	$ 975
... in Psychiatric Mental Health	Open	N/A	$ 975
Doctorate of Clinical Psychology	Open	$ 1,250	N/A
	Enrollment Status	**Hybrid Format**	
Doctorate of Physical Therapy* (class matriculating in Spring 2022)	Open	$8,924 for each 8-week session; $17,848 for full 16 week term	
Physician Assistant* (class matriculating in Spring 2024)	Open	Coming Soon!	

** these programs are charged a flat rate per 8 week session and are only offered in a Hybrid format*

Graduate Degrees (all terms)			
Undeclared Master of Arts or Science	**Enrollment Status**	**In Person: Per Credit**	**Online: Per Credit**
Undeclared	Open	$ 1,200	$ 1,200
Undeclared: Non-Degree Seeking	Open	$ 1,200	$ 1,200
Master of Arts in...	**Enrollment Status**	**In Person: Per Credit**	**Online: Per Credit**
Clinical Mental Health Counseling	Closed	$ 1,125	N/A
Communication	Closed	$ 699	N/A
Diplomacy and Military Studies	Open	$ 1,000	N/A
Global Leadership & Sustainable Development	Closed	$ 1,125	N/A
Human Resource Management	Closed	$ 1,250	N/A
Organization Development and Change	Open	$ 1,175	$ 1,175
Strategic Communication	Open	$ 750	N/A
Sustainability	Open	$ 1,175	N/A
Teaching English to Speakers of Other Languages (TESOL)	Open	$ 750	N/A
Master of Business in...	**Enrollment Status**	**In Person: Per Credit**	**Online: Per Credit**
Administration	Open	$ 1,250	$ 1,250
Master of Education in...	**Enrollment Status**	**In Person: Per Credit**	**Online: Per Credit**
Educational Leadership	Open	$ 1,175	$ 1,175
- Instructional Design	Open	$ 1,175	$ 1,175
Elementary Education	Open	$ 900	N/A
Secondary Education - English	Open	$ 900	N/A
Secondary Education - Mathematics	Open	$ 900	N/A
Secondary Education - Science	Open	$ 900	N/A
Secondary Education - Social Studies	Open	$ 900	N/A
Secondary Education - World Languages	Open	$ 900	N/A

Master of Public...	Enrollment Status	In Person: Per Credit	Online: Per Credit
Administration	Open	$ 900	$ 900
- Criminal Justice	Open	$ 900	$ 900
- Nonprofit Management	Open	$ 900	$ 900
Health	Open	$ 1,175	$ 1,175

Graduate Degrees, continued (all terms)

Master of Science in...	Enrollment Status	In Person: Per Credit	Online: Per Credit
Criminal Justice	Open	$ 900	$ 900
Information Systems	Closed	$ 1,250	N/A
Marine Science - Applied	Open	$ 1,525	N/A
Marine Science - Thesis	Open	$ 1,525	N/A
Nursing	Open	$ 1,450	$ 975
Nursing: RN to MSN	Open	$ 1,450	$ 975
Business Analytics and Information Security	Open	$ 1,250	$ 1,250
Master of Social Work	**Enrollment Status**	**In Person: Per Credit**	**Online: Per Credit**
Master of Social Work	Open	$ 1,175	N/A
- Advanced Standing	Open	$ 1,175	N/A
-Military Social Work and Veterans Affairs	Open	$ 1,175	N/A

Thesis/Research/Capstone

Only the following course numbers will be charged this rate:	In Person: Per Credit	Online: Per Credit
HIST 7603	$ 375	$ 375
MGMT 7060	$ 375	$ 375
NSCI 7000	$ 375	$ 375

Mandatory Student Fees (Fall/Spring)

	In Person	Online
Part-Time		

	Student Activity Fee	$ 13	N/A
	Technology Fee	$ 25	$ 25
Hybrid Programs (Doctor of Physical Therapy, Physician Assistant, etc)		**Hybrid**	
	Graduate Online Care Fee	$ 20	
	Technology Fee	$ 25	
Full Time		**In Person**	**Online**
	Student Activity Fee	$ 25	N/A
	Technology Fee	$ 50	$ 50
	Transportation Fee/Upass	$ 100	N/A
	Health Center Fee (students entering HPU Fall 2020 or later)	$ 50	N/A
Mandatory Student Fees (Winter/Summer)			
Hybrid Programs (Doctor of Physical Therapy, Physician Assistant, etc)		**Hybrid**	
	Graduate Online Care Fee	$ 20	
	Technology Fee	$ 25	
All Graduate students taking one or more credits		**In Person**	**Online**
	Technology Fee	$ 25	$ 25

Doctor of Physical Therapy Tuition and Fee Information

The following tuition rates apply to students enrolled in the Doctor of Physical Therapy (DPT) program matriculating in Summer 2022 and graduating Summer 2024. Tuition is set for each DPT cohort. There are 12 total 8-week terms in the program, 6 per academic year.

TUITION AND MANDATORY FEES (DPT CLASS OF 2024)	AMOUNT
Tuition (per 8-week term/12 total terms)	$8924
Fall/Spring Technology Fee (assessed per 16-week term/4 total terms)	$50
Summer Technology Fee (3 total terms)	$25
Online Care Fee (assessed per 16-week term/7 total terms)	$20
YEAR 1 TUITION AND FEES	$53,774
YEAR 2 TUITION AND FEES	$53,729
TOTAL PROGRAM TUITION AND FEES	$107,503

Other required expenditures are provided below and may vary depending on where the student lives and their individual preferences. The costs are an estimate and may be different from the student's total expenditures.

OTHER REQUIRED EXPENDITURES	AMOUNT
Criminal Background Screening (estimated, one time)	$100
APTA National and State Student Membership Dues (annually)	$90
Textbooks, clinical apps, licensure prep materials (estimated, for the entire program)	$1600
Student Kit (one time course fee at the start of the program)	$650
Computer Requirements (estimated one-time fee, variable)	$1500
Health Insurance (estimated, annually)	$2500
Lab clothes (estimated, variable)	$300
Travel & Accommodations for onsite labs and clinical experiences (estimated, annually, variable)	up to $10,000

TUITION FEE SCHEDULE

The University ($200) and Program seat deposits ($600) are automatically applied toward the 1st term tuition. The initial tuition for Term 1 (Summer 8B) is due by mid-June. Please visit the University's Academic Calendar for the payment/refund schedule for the program. Once there, view the drop-down menu for **SUMMER (YEAR) 8-WEEK TERM** and scroll down to the 2nd 8-week term (Part of Term 8B) fee schedule, within this drop-down menu, to view the exact due dates for payment and the last date for withdrawal without financial penalty.

Academic Year 2022-2023 Student Fees

1. Mandatory Fees

These fees are not optional; they must be paid by all students who are charged these fees[i]. These fees cover the cost of services and activities important to each student's success as a member of the HPU 'ohana, and are charged at a flat rate per semester[ii].

Fall 2022 & Spring 2023	Undergraduate				Graduate						Additional Information & Exclusions
	Full Time[iii]		Part Time[iii]		Full Time[iii]			Part Time[iii]			
	In Person	Online	In Person	Online	In Person	Online	Hybrid	In Person	Online	Hybrid	
Student Activity Fee *Supports student initiatives, activities, services, and resources that enhance the student experience*	$50	$50	$25	$25	$25	-	-	$13	-	-	**Excluded Students:** Dual Enrolled High School students | Eligible Military Campus students | Graduate students in Online & Hybrid Programs[iv] **Applies to International (Visiting & Exchange) students** **Contact Info:** 808-544-0277 | safac@hpu.edu | Website
Technology Fee *Provides technology services, support, and infrastructure*	$100	$100	$25	$25	$50	$50	$50	$25	$25	$25	**Excluded Students:** Dual Enrolled High School students | Eligible Military Campus students **Applies to International (Visiting & Exchange) students** **Contact Info:** ar@hpu.edu | Website
Transportation Fee *Entitles the student to unlimited use of* TheBus, *O'ahu's public transit system at a significant discount*	$100	-	-	-	$100	-	-	-	-	-	**Excluded Students:** Dual Enrolled High School students | Eligible Military Campus students | Part-Time students | Students enrolled in Online or Hybrid Programs[iv] | For information on eligibility for waivers and options for part-time students to receive a UPass at a discounted rate, visit the website. **Applies to International (Visiting & Exchange) students** **Contact Info:** | studentlife@hpu.edu | Website
Health Services Fee *Provides access to on-campus health services, including no-copay clinic services*	$140	-	-	-	$50	-	-	-	-	-	**Excluded Students:** Dual Enrolled High School students | Eligible Military Campus students, unless a course is taken on the main campus | Part- Time students | Students enrolled in Online or Hybrid Programs[vi] | **Students who are not assessed the fee may choose to opt-in**; visit the website for info. **Applies to International (Visiting & Exchange) students** **Contact Info:** | mmckee@hpu.edu | Website
Graduate Online Care Fee *Provides access to online health, counseling, and wellness services*	-	-	-	-	-	$20	$20	-	$20	$20	**Excluded Students:** Assessed only to Graduate students in Online or Hybrid programs[iv] **Applies to International (Visiting & Transfer) students** **Contact Info:** | mmckee@hpu.edu | Website
Medical Insurance Verification Fee *Required for International students*	$100	$100	$100	$100	$100	$100	$100	$100	$100	$100	**Excluded Students:** Assessed to International (Visiting & Transfer) students as a condition of enrollment. A waiver meeting all criteria must be submitted each term by deadline for fee reversal. **Applies to International (Visiting & Exchange) students** **Contact Info:** | iss@hpu.edu | Website
Orientation Fee (Undergraduate, Fall)	$200	$200	-	-	-	-	-	-	-	-	**Excluded Students:** Assessed only to incoming full-time, first-year, transfer, and International (visiting & exchange) students who are required to attend orientation. Not assessed to students admitted to two-year (associates) programs. Dual Enrolled-High School students & eligible Military Campus students are excluded from this fee. **Applies to International (Visiting & Exchange) students** **Contact Info:** 808-544-0277 | readysetgo@hpu.edu | Website
Orientation Fee (Undergraduate, Spring)	$75	$75	-	-	-	-	-	-	-	-	
Maximum Mandatory Fees by student category per semester	**$690**	**$450**	**$150**	**$150**	**$360**	**$205**	**$205**	**$173**	**$180**	**$180**	

Mandatory Fees

Mandatory Fees, Continued

Winter 2022	Undergraduate Full Time In Person	Undergraduate Full Time Online	Undergraduate Part Time In Person	Undergraduate Part Time Online	Graduate Full Time In Person	Graduate Full Time Online	Graduate Full Time Hybrid	Graduate Part Time In Person	Graduate Part Time Online	Graduate Part Time Hybrid	Additional Information & Exclusions
Technology Fee *Provides technology services, support, and infrastructure*	$25	$25	$25	$25	$25	$25	$25	$25	$25	$25	**Excluded Students:** Dual Enrolled High School students | Eligible Military Campus students **Applies to International (Visiting & Exchange) students** **Contact Info:** ar@hpu.edu | Website

NO OTHER MANDATORY FEES ARE CHARGED IN WINTER.

Summer 2023	Undergraduate Full Time In Person	Undergraduate Full Time Online	Undergraduate Part Time In Person	Undergraduate Part Time Online	Graduate Full Time In Person	Graduate Full Time Online	Graduate Full Time Hybrid	Graduate Part Time In Person	Graduate Part Time Online	Graduate Part Time Hybrid	Additional Information & Exclusions
Technology Fee *Provides technology services, support, and infrastructure*	$100	$100	$25	$25	$50	$50	$50	$25	$25	$25	**Excluded Students:** Dual Enrolled High School students | Eligible Military Campus students **Applies to International (Visiting & Exchange) students** **Contact Info:** ar@hpu.edu | Website
Graduate Online Care Fee *Provides access to online health, counseling, and wellness services*	-	-	-	-	-	$20	$20	-	$20	$20	**Excluded Students:** Assessed only to Graduate students in Online or Hybrid programs. **Applies to International (Visiting & Transfer) students** **Contact Info:** | mmckee@hpu.edu | Website

NO OTHER MANDATORY FEES ARE CHARGED IN SUMMER.

Mandatory Fees (continued)

2. Course Fees

Course Fees apply to specific courses. Some Course Fees, such as the Shark Bundle Course Materials Fee, will be incurred by all or most students. Course Fees are assessed on a per-credit or per-course basis as noted in this chart. Students who are charged these fees are responsible for paying them.

	Charge	Per	Contact	Additional Information
Shark Bundle Course Materials Fee *Provides access to all required textbooks, lab manuals, access codes, and electronic book versions before the first day of class*	$25.75	Credit	Website sm8094@bncollege.com 808-544-0290	No students are excluded from this fee except for students that opt-out of the program by the deadline as instructed on the Shark Bundle website. Military Campus and Dual Enrollment High School students charged the fee are responsible for paying the fee. Some courses are not eligible for the fee, and students will not be charged the fee for those courses automatically. Charges appear on the eBill/Activity Details and are payable to HPU, not the Bookstore. Visit the Shark Bundle website for more information. Fee will be assessed as follows: $27.75 x total credits enrolled = total Shark Bundle Course Materials Fees; for example, a student enrolled in 12 eligible courses would receive all course materials for $309.
Applied Music Fee - 1 Credit Course	$200	Course	jwei@hpu.edu	All students in eligible courses are responsible for the fee.
Applied Music Fee - 2 Credit Course	$340	Course	jwei@hpu.edu	All students in eligible courses are responsible for the fee.
Scientific Diving Fee	$1,200	Course	registrar@hpu.edu	All students in eligible courses are responsible for the fee.
Doctor of Physical Therapy (DPT) Student Kit Fee	$583	Course	stliu@hpu.edu	All DPT students are responsible for this fee in their first semester. For more information, visit the website.
Engineering Lab Fee	$75	Course	registrar@hpu.edu	All students in eligible courses are responsible for the fee.
Natural Science Field Course Fee	Varies	Course	course professor	All students in eligible courses are responsible for the fee.
Natural Sciences Lab Fee	$75	Course	registrar@hpu.edu	All students in eligible courses are responsible for the fee.
Nursing Clinical Fee	$95	Course	registrar@hpu.edu	All students in eligible courses are responsible for the fee.
Nursing Lab Fee	$95	Course	registrar@hpu.edu	All students in eligible courses are responsible for the fee.

Course Fees

3. Other Fees

Other Fees may be assessed to students for a variety of reasons, ranging from penalties for late payment and student conduct violations to the cost of providing services such as replacement ID cards and diploma reorders. See the below and refer to websites listed for more information about each fee.

	Cost	Webpage	Contact
Application Fee (Undergraduate)	$45	https://www.hpu.edu/admissions/apply/index.html	admission@hpu.edu
Non-Refundable Enrollment Deposit	$200	https://hpu.edu/deposit	admission@hpu.edu
Late Payment Fee	5% up to $50.00/month	https://www.hpu.edu/business-office/policies-deadlines.html	ar@hpu.edu
Returned Payment Fee	$30	https://www.hpu.edu/business-office/policies-deadlines.html	ar@hpu.edu
Student Conduct Fee	Based on incident	https://www.hpu.edu/student-services/community-standards.html	breece@hpu.edu
Application Fee (Graduate)	$55	https://www.hpu.edu/admissions/apply/index.html	grad@hpu.edu
Application Fee (Special Status)	$55	https://www.hpu.edu/admissions/apply/index.html	grad@hpu.edu
Orientation Fee (Graduate)	$35	https://www.hpu.edu/admissions/apply/index.html	grad@hpu.edu
Credit by Examination Fee	$300	https://www.hpu.edu/undergraduate-admissions/transfer/transfer-of-credits.html	registrar@hpu.edu
CLEP Administrative Fee (HPU Student)	$20	https://www.hpu.edu/undergraduate-admissions/transfer/clep.html	registrar@hpu.edu
CLEP Administrative Fee (Non- Student)	$35	https://www.hpu.edu/undergraduate-admissions/transfer/clep.html	registrar@hpu.edu
Petition to Graduate (PTG) Late Fee	$25	https://www.hpu.edu/registrar/petition-to-graduate.html	registrar@hpu.edu
Nursing Clinical Badge Replacement	$25	https://www.hpu.edu/registrar/uni-card/index.html	registrar@hpu.edu
Diploma Reorder Fee	$25	https://www.hpu.edu/registrar/transcripts-records/index.html	registrar@hpu.edu
Official Transcript Request Fee	$10	https://www.hpu.edu/registrar/transcripts-records/index.html	registrar@hpu.edu
Expedited Transcript Processing Fee	$17	https://www.hpu.edu/registrar/transcripts-records/index.html	registrar@hpu.edu
Apostille & Certifications Fee	$75	https://www.hpu.edu/registrar/transcripts-records/index.html	registrar@hpu.edu
ID Card Replacement Fee	$25	https://www.hpu.edu/registrar/uni-card/index.html	registrar@hpu.edu
uPass Replacement Fee	$100	https://www.hpu.edu/student-activities/student-government/transportation-fee.html	registrar@hpu.edu
Express Mail of Transcripts and Diplomas	Contact Registrar	https://www.hpu.edu/registrar/transcripts-records/index.html	registrar@hpu.edu
Petition to Award Certificate	$45	https://www.hpu.edu/registrar/transcripts-records/index.html	registrar@hpu.edu

Other Fees

Appendix C - Academic Calendar

Appendix C - Academic Calendar - AY2022-2023

Note: The current and future academic calendars can be found at the HPU website: https://www.hpu.edu/registrar/academic-calendar.html. Academic calendars are subject to change. The academic calendars noted below were in place at the time of catalog publication.

FALL 2022 16-WEEK TERM (PART OF TERM 1) (AUGUST 29, 2022 - DECEMBER 18, 2022) **EFFECTIVE JANUARY 31, 2022**	
Registration Period	Wednesday, March 30, 2022-Tuesday, September 6, 2022
Tuition Payment Deadline	Monday, August 15, 2022
First Day of Instruction (16-Week Classes)	Monday, August 29, 2022
University Holiday (Labor Day)	Monday, September 5, 2022
Last Day to Register (16-Week Classes)	Tuesday, September 6, 2022
Last Day to Drop (16-Week Classes) with 100% Tuition Refund for Dropped Credits– 0% Student Financial Responsibility for Dropped Credits	Tuesday, September 6, 2022
Last Day to Drop (16-Week Classes) with 50% Tuition Refund for Dropped Credits – 50% Student Financial Responsibility for Dropped Credits	Tuesday, September 13, 2022
Last Day to Drop (16-Week Classes) without W Grade	Monday, September 26, 2022
Last Day to Drop (16-Week Classes) with 25% Tuition Refund for Dropped Credits – 75% Student Financial Responsibility for Dropped Credits	Monday, September 26, 2022
Final Day to Submit Incomplete Grades for Summer 2022 Term 8B	Sunday, November 9, 2022
Placement of Business Office SUPER HOLD on unpaid student account balance	Tuesday, November 1, 2022
Last Day to Drop (16-Week Classes) with a W Grade	Monday, November 7, 2022
University Holiday (Veterans' Day)	Friday, November 11, 2022
Final Day to Submit Incomplete Grades for Summer 2022 Full Term	Sunday, November 20, 2022
University Holiday (Thanksgiving Break)	Thursday, November 24, 2022 - Sunday, November 27, 2022
Final Day to Submit Incomplete Grades for Fall 2022 Term 8A	Sunday, December 4, 2022
Last Day of Instruction (16-Week Classes)	Sunday, December 11, 2022
Final Exam Period	Monday, December 12, 2022 - Sunday, December 18, 2022
Fall Commencement Ceremony	Saturday, December 17, 2022 (Tentative)
16-Week Term Ends	Sunday, December 18, 2022
Delinquent Student Accounts Forwarded to Collections	Monday, December 19, 2022

FALL 2022 1ST 8-WEEK SESSION (PART OF TERM 8A) (AUGUST 29, 2022 - OCTOBER 23, 2022) **EFFECTIVE JANUARY 31, 2022**	
Registration Period	Wednesday, March 30, 2022-Monday, August 29, 2022
Tuition Payment Deadline	Monday, August 15, 2022
First Day of Instruction (1st 8-Week Classes)	Monday, August 29, 2022
Last Day to Register (1st 8-Week Classes)	Monday, August 29, 2022
University Holiday (Labor Day)	Monday, September 5, 2022
Last Day to Drop (1st 8-Week Classes) with 100% Tuition Refund for Dropped Credits– 0% Student Financial Responsibility for Dropped Credits	Tuesday, September 6, 2022
Last Day to Drop (1st 8-Week Classes) without W Grade	Monday, September 12, 2022
Last Day to Drop (1st 8-Week Classes) with 25% Tuition Refund for Dropped Credits – 75% Student Financial Responsibility for Dropped Credits	Monday, September 12, 2022
Last Day to Drop (1st 8-Week Classes) with a W Grade	Monday, October 10, 2022
1st 8-Week Session Ends	Sunday, October 23, 2022
Placement of Business Office SUPER HOLD on unpaid student account balance	Monday, November 1, 2022
Final Day to Submit Incomplete Grades for Summer 2022 Term 8B	Sunday, November 9, 2022
Final Day to Submit Incomplete Grades for Summer 2022 Full Term	Sunday, November 20, 2022
Final Day to Submit Incomplete Grades for Fall 2022 Term 8A	Sunday, December 4, 2022
Delinquent Student Accounts Forwarded to Collections	Monday, December 19, 2022

FALL 2022 2ND 8-WEEK SESSION (PART OF TERM 8B) (OCTOBER 24, 2022 - DECEMBER 18, 2022) **EFFECTIVE JANUARY 31, 2022**	
Registration Period	Wednesday, March 30, 2022-Monday, October 24, 2022
Tuition Payment Deadline	Monday, October 10, 2022
First Day of Instruction (2nd 8-Week Classes)	Monday, October 24, 2022
Last Day to Register (2nd 8-Week Classes)	Monday, October 24, 2022
Last Day to Drop (2nd 8-Week Classes) with 100% Tuition Refund for Dropped Credits– 0% Student Financial Responsibility for Dropped Credits	Monday, October 31, 2022
Placement of Business Office SUPER HOLD on unpaid student account balance	Tuesday, November 1, 2022
Last Day to Drop (2nd 8-Week Classes) without W Grade	Monday, November 7, 2022
Last Day to Drop (2nd 8-Week Classes) with 25% Tuition Refund for Dropped Credits – 75% Student Financial Responsibility for Dropped Credits	Monday, November 7, 2022
Final Day to Submit Incomplete Grades for Summer 2022 Term 8B	Sunday, November 9, 2022
University Holiday (Veterans's Day)	Friday, November 11, 2022
Final Day to Submit Incomplete Grades for Summer 2022 Full Term	Sunday, November 20, 2022
University Holiday (Thanksgiving Break)	Thursday, November 24, 2022 - Sunday, November 27, 2022
Final Day to Submit Incomplete Grades for Fall 2022 Term 8A	Sunday, December 4, 2022
Last Day to Drop (2nd 8-Week Classes) with a W Grade	Monday, December 5, 2022
Fall Commencement	Sunday, December 17, 2022 *(tentative)*
2nd 8-Week Session Ends	Sunday, December 18, 2022
Delinquent Student Accounts Forwarded to Collections	Monday, December 19, 2022

WINTER 2022 3-WEEK TERM (PART OF TERM 1) (DECEMBER 19, 2022 - JANUARY 8, 2023) **EFFECTIVE JANUARY 31, 2022**	
Registration Period	Wednesday, March 30, 2022-Monday, December 19, 2022
Tuition Payment Deadline	Monday, December 5, 2022
First Day of Instruction	Monday, December 19, 2022
Last Day to Register	Monday, December 19, 2022
Last Day to Drop with 100% Tuition Refund for Dropped Credits– 0% Student Financial Responsibility for Dropped Credits	Wednesday, December 21, 2022
University Staff Holiday (Holiday Break)	Friday, December 23, 2022 - Tuesday, January 3, 2023
Last Day to Drop (1st 8-Week Classes) with 25% Tuition Refund for Dropped Credits – 75% Student Financial Responsibility for Dropped Credits	Monday, December 26, 2022
Last Day to Drop (1st 8-Week Classes) without W Grade	Monday, December 26, 2022
Last Day to Drop with a W Grade	Monday, January 2, 2023
3-Week Term Ends	Sunday, January 8, 2023
Delinquent Student Accounts Forwarded to Collections	Monday, January 9, 2023

SPRING 2023 16-WEEK TERM (PART OF TERM 1) (JANUARY 9, 2023 - MAY 7, 2023) **EFFECTIVE JANUARY 31, 2022**	
Registration Period	Wednesday, March 30, 2022-Tuesday, January 17, 2023
Tuition Payment Deadline	Monday, December 26, 2022
First Day of Instruction (16-Week Classes)	Monday, January 9, 2023
University Holiday (Dr. Martin Luther King, Jr. Day)	Monday, January 16, 2023
Last Day to Register (16-Week Classes)	Tuesday, January 17, 2023
Last Day to Drop (16-Week Classes) with 100% Tuition Refund for Dropped Credits– 0% Student Financial Responsibility for Dropped Credits	Tuesday, January 17, 2023
Last Day to Drop (16-Week Classes) with 50% Tuition Refund for Dropped Credits – 50% Student Financial Responsibility for Dropped Credits	Tuesday, January 24, 2023
Final Day to Submit Incomplete Grades for Fall 2022 Term 8B	Sunday, January 29, 2023
Last Day to Drop (16-Week Classes) without W Grade	Monday, February 6, 2023

Last Day to Drop (16-Week Classes) with 25% Tuition Refund for Dropped Credits – 75% Student Financial Responsibility for Dropped Credits	Monday, February 6, 2023
Final Day to Submit Incomplete Grades for Winter 2022 Term	Sunday, February 19, 2023
Spring Break	Monday, March 6 - Sunday, March 12, 2023
University Holiday (Spring Break)	Friday, March 10, 2023
Final Day to Submit Incomplete Grades for Fall 2022 Full Term	Sunday, March 12, 2023
Placement of Business Office SUPER HOLD on unpaid student account balance	Tuesday, March 21, 2023
University Holiday (Prince Jonah Kūhiō Kalaniana ole Day - Observed)	Monday, March 27, 2023
Last Day to Drop (16-Week Classes) with a W Grade	Tuesday, March 29, 2023
Final Day to Submit Incomplete Grades for Spring 2023 Term 8A	Sunday, April 16, 2023
Last Day of Instruction (16-Week Classes)	Sunday, April 30, 2023
Final Exam Week	Monday, May 1 - Sunday, May 7, 2023
Spring Commencement Ceremony	Saturday, May 6, 2023 (Tentative)
16-Week Term Ends	Sunday, May 7, 2023
Delinquent Student Accounts Forwarded to Collections	Monday, May 8, 2023

SPRING 2023 1ST 8-WEEK SESSION (PART OF TERM 8A) (JANUARY 9, 2023 - MARCH 5, 2023) **EFFECTIVE JANUARY 31, 2022**	
Registration Period	Wednesday, March 30, 2022-Monday, January 9, 2023
Tuition Payment Deadline	Monday, December 26, 2022
First Day of Instruction (1st 8-Week Classes)	Monday, January 9, 2023
Last Day to Register (1st 8-Week Classes)	Monday, January 9, 2023
University Holiday (Dr. Martin Luther King, Jr. Day)	Monday, January 16, 2023
Last Day to Drop (1st 8-Week Classes) with 100% Tuition Refund for Dropped Credits– 0% Student Financial Responsibility for Dropped Credits	Tuesday, January 17, 2023
Last Day to Drop (1st 8-Week Classes) without W Grade	Monday, January 23, 2023
Last Day to Drop (1st 8-Week Classes) with 25% Tuition Refund for Dropped Credits – 75% Student Financial Responsibility for Dropped Credits	Monday, January 23, 2023
Final Day to Submit Incomplete Grades for Fall 2022 Term 8B	Sunday, January 29, 2023
Final Day to Submit Incomplete Grades for Winter 2022 Term	Sunday, February 19, 2023
Last Day to Drop (1st 8-Week Classes) with a W Grade	Monday, February 20, 2023
1st 8-Week Session Ends	Sunday, March 5, 2023
Final Day to Submit Incomplete Grades for Fall 2022 Full Term	Sunday, March 12, 2023
Placement of Business Office SUPER HOLD on unpaid student account balance	Tuesday, March 21, 2023
Final Day to Submit Incomplete Grades for Spring 2023 Term 8A	Sunday, April 16, 2023
Delinquent Student Accounts Forwarded to Collections	Monday, May 8, 2023

SPRING 2023 2ND 8-WEEK SESSION (PART OF TERM 8B) (MARCH 13, 2023 - MAY 7, 2023) **EFFECTIVE JANUARY 31, 2022**	
Registration Period	Wednesday, March 30, 2022-Monday, March 13, 2023
Tuition Payment Deadline	Monday, February 27, 2023
First Day of Instruction (2nd 8-Week Classes)	Monday, March 13, 2023
Last Day to Register (2nd 8-Week Classes)	Monday, March 13, 2023
Last Day to Drop (2nd 8-Week Classes) with 100% Tuition Refund for Dropped Credits– 0% Student Financial Responsibility for Dropped Credits	Monday, March 20, 2023
Placement of Business Office SUPER HOLD on unpaid student account balance	Tuesday, March 21, 2023
University Holiday (Prince Jonah Kūhiō Kalaniana ole Day - Observed)	Monday, March 27, 2023
Last Day to Drop (2nd 8-Week Classes) without W Grade	Tuesday, March 28, 2023
Last Day to Drop (2nd 8-Week Classes) with 25% Tuition Refund for Dropped Credits – 75% Student Financial Responsibility for Dropped Credits	Tuesday, March 28, 2023
Final Day to Submit Incomplete Grades for Spring 2023 Term 8A	Sunday, April 16, 2023
Last Day to Drop (2nd 8-Week Classes) with a W Grade	Monday, April 24, 2023
Spring Commencement Ceremony	Saturday, May 6, 2023 (Tentative)
2nd 8-Week Session Ends	Sunday, May 7, 2023
Delinquent Student Accounts Forwarded to Collections	Monday, May 8, 2023

SUMMER 2023 16-WEEK TERM (PART OF TERM 1) (MAY 8, 2023 - AUGUST 27, 2023) **EFFECTIVE JANUARY 31, 2022**	
Registration Period	Wednesday, March 30, 2022-Wednesday, May 17, 2023
Tuition Payment Deadline	Monday, April 24, 2023
First Day of Instruction (16-Week Classes)	Monday, May 8, 2023
Last Day to Register (16-Week Classes)	Monday, May 15, 2023
Last Day to Drop (16-Week Classes) with 100% Tuition Refund for Dropped Credits– 0% Student Financial Responsibility for Dropped Credits	Monday, May 15, 2023
Last Day to Drop (16-Week Classes) with 50% Tuition Refund for Dropped Credits – 50% Student Financial Responsibility for Dropped Credits	Monday, May 22, 2023
University Holiday (Memorial Day)	Monday, May 29, 2023
Last Day to Drop (16-Week Classes) without W Grade	Monday, June 5, 2023
Last Day to Drop (16-Week Classes) with 25% Tuition Refund for Dropped Credits – 75% Student Financial Responsibility for Dropped Credits	Monday, June 5, 2023
University Holiday (King Kamehameha I Day -Observed)	Monday, June 12, 2022
Final Day to Submit Incomplete Grades for Spring 2023 Term 8B	Sunday, June 18, 2023
University Holiday (Juneteenth - Observed)	Monday, June 29, 2023
University Holiday (Independence Day)	Tuesday, July 4, 2023
Last Day to Drop (16-Week Classes) with W Grade	Monday, July 17, 2023
Placement of Business Office SUPER HOLD on unpaid student account balance	Tuesday, July 18, 2023
Final Day to Submit Incomplete Grades for Spring 2023 Full Term	Sunday, July 30, 2023
Final Day to Submit Incomplete Grades for Summer 2023 Term 8A	Sunday, August 13, 2023
16-Week Term Ends	Sunday, August 27, 2023
Delinquent Student Accounts Forwarded to Collections	Monday, August 28, 2023

SUMMER 2023 1ST 8-WEEK SESSION (PART OF TERM 8A) (MAY 8, 2023 - JULY 2, 2023) **EFFECTIVE JANUARY 31, 2022**	
Registration Period	Wednesday, March 30, 2022 - Monday, May 8, 2023
Tuition Payment Deadline	Monday, April 24, 2023
First Day of Instruction (1st 8-Week Classes)	Monday, May 8, 2023
Last Day to Register (1st 8-Week Classes)	Monday, May 8, 2023
Last Day to Drop (1st 8-Week Classes) with 100% Tuition Refund for Dropped Credits– 0% Student Financial Responsibility for Dropped Credits	Monday, May 15, 2023
Last Day to Drop (1st 8-Week Classes) without W Grade	Monday, May 22, 2023
Last Day to Drop (1st 8-Week Classes) with 25% Tuition Refund for Dropped Credits – 75% Student Financial Responsibility for Dropped Credits	Monday, May 22, 2023
University Holiday (Memorial Day)	Monday, May 29, 2023
University Holiday (King Kamehameha I Day)	Monday, June 12, 2023
Final Day to Submit Incomplete Grades for Spring 2023 Term 8B	Sunday, June 18, 2023
University Holiday (Juneteenth - Observed)	Monday, June 19, 2023
Last Day to Drop (1st 8-Week Classes) with W Grade	Tuesday, June 20, 2023
1st 8-Week Session Ends	Sunday, July 2, 2023
Placement of Business Office SUPER HOLD on unpaid student account balance	Tuesday, July 18, 2023
Final Day to Submit Incomplete Grades for Spring 2023 Full Term	Sunday, July 30, 2023
Final Day to Submit Incomplete Grades fo Summer 2023 Term 8A	Sunday, August 13, 2023
Delinquent Student Accounts Forwarded to Collections	Monday, August 28, 2023

SUMMER 2023 2ND 8-WEEK SESSION (PART OF TERM 8B) (JULY 3, 2023 - AUGUST 27, 2023) **EFFECTIVE OCTOBER 15, 2021**	
Registration Period	Wednesday, March 30, 2022 - Monday, July 3, 2023
Tuition Payment Deadline	Monday, June 12, 2023
First Day of Instruction (2nd 8-Week Classes)	Monday, July 3, 2023
Last Day to Register (2nd 8-Week Classes)	Monday, July 3, 2023
University Holiday (Independence Day)	Tuesday, July 4, 2023
Last Day to Drop (2nd 8-Week Classes) with 100% Tuition Refund for Dropped Credits– 0% Student Financial Responsibility for Dropped Credits	Monday, July 10, 2023
Last Day to Drop (2nd 8-Week Classes) without W Grade	Monday, July 17, 2023
Last Day to Drop (2nd 8-Week Classes) with 25% Tuition Refund for Dropped Credits – 75% Student Financial Responsibility for Dropped Credits	Monday, July 17, 2023
Placement of Business Office SUPER HOLD on unpaid student account balance	Tuesday, July 18, 2023
Final Day to Submit Incomplete Grades for Spring 2023 Full Term	Sunday, July 30, 2023
Final Day to Submit Incomplete Grades for Summer 2023 Term 8A	Sunday, August 13, 2023
Last Day to Drop (2nd 8-Week Classes) with W Grade	Monday, August 14, 2023
2nd 8-Week Session Ends	Sunday, August 27, 2023
Delinquent Student Accounts Forwarded to Collections	Monday, August 28, 2023