

# School of Nursing and Dental Hygiene



## Administration

Webster 402  
2528 McCarthy Mall  
Honolulu, HI 96822  
Tel: (808) 956-8522  
Fax: (808) 956-3257  
Web: [www.nursing.hawaii.edu/](http://www.nursing.hawaii.edu/)

Interim Dean: Barbara Molina Kooker

## General Information

The School of Nursing and Dental Hygiene offers programs to prepare students for careers in nursing and dental hygiene primarily for the state of Hawai'i and the Pacific Basin.

The Department of Nursing offers programs leading to the bachelor of science, master of science and PhD in nursing degrees and a post-master's certificate in nursing. The undergraduate nursing program provides two options: (a) the bachelor of science degree pathway, which admits students following completion of a minimum of 34 credit hours of the General Education Core requirements and nursing prerequisite courses in the Colleges of Arts and Sciences, and (b) the RN to BS pathway, which allows entry after completion of the AS degree or diploma in nursing.

The program leading to the master of science in nursing degree prepares the student for advanced practice nursing in primary care, psychiatric-mental health nursing or clinical systems management. The program leading to the PhD in nursing prepares visionary scholars who are capable of conducting culturally appropriate clinical scholarship and teaching in nursing educational programs.

The Department of Dental Hygiene offers the bachelor of science in dental hygiene. The program admits students

following completion of dental hygiene prerequisite courses and General Education Core requirements.

## Mission

The School of Nursing and Dental Hygiene supports the mission of the University of Hawai'i at Mānoa: to provide an environment in which faculty and students can discover, examine critically, preserve, and transmit the knowledge, wisdom, and values that will help ensure the survival of the present and future generations with improvement in the quality of life. The school is committed to the following:

1. Educating qualified men and women in the disciplines of nursing and dental hygiene;
2. Using learning approaches that are appropriate to the needs of students and facilitating achievement of health outcomes within the diverse communities of the state of Hawai'i and the Pacific Basin;
3. Advancing knowledge through research; and
4. Designing and implementing nursing and dental hygiene services.

## Accreditation

The nursing program is accredited by the Hawai'i State Board of Nursing, the National League for Nursing Accrediting Commission,<sup>1</sup> and the Commission on Collegiate Nursing Education<sup>2</sup>. The dental hygiene program is accredited by the Commission on Dental Accreditation, American Dental Association.

1 National League for Nursing Accrediting Commission, 61 Broadway - 33rd Floor, New York City, NY 10006. Phone: (800) 669-1656

2 Commission on Collegiate Nursing Education, One Dupont Circle, NW, Suite 530, Washington, DC, 20036-1120, Ph: (202) 887-6791.

## Degrees and Certificates

**Bachelor's Degrees:** BS in dental hygiene, BS in nursing

**Master's Degree:** MS in nursing

**Doctoral Degree:** PhD in nursing

**Certificate:** Post-Master's Certificate in Nursing

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## Dental Hygiene

Hemenway 200B  
2445 Campus Road  
Honolulu, HI 96822  
Tel: (808) 956-8821  
Fax: (808) 956-5707

### Faculty

C. Kuba, RDH, MEd (Chair)—dental hygiene  
A. Akamine, RDH, BEd—dental hygiene  
J. Ebert, DDS—periodontology  
P. Fujimoto, RDH, DDS—oral pathology  
D. Fukuda, RDH, MPH—dental hygiene  
G. Lau, RDH, MEd—dental hygiene  
M. Oishi, DDS—dental materials  
J. Omori, RDH, MPH—dental hygiene  
A. Ogawa, RDH, DMD—dental radiology  
L. Wong, DDS—oral histology  
L. Yamada, DDS—periodontology

**Degree Offered:** BS in dental hygiene

### The Academic Program

Dental hygiene (DH) is the study of the integrated services rendered to patients by a licensed dental hygienist. Students majoring in dental hygiene can become licensed professionals who offer preventive, educational, and therapeutic services for the control of oral diseases and the promotion of optimum oral health.

The dental hygiene program at the University of Hawai'i at Mānoa is the only one in the state. It offers the educational preparation required by dental hygienists to provide oral health care and education to the people of Hawai'i, the continental United States, and the Pacific.

Students completing the bachelor of science in dental hygiene qualify for admission to the national and state board dental hygiene examinations for licensure to practice dental hygiene under the supervision of dentists in dental offices and in public health and other dental hygiene settings.

The bachelor of science in dental hygiene maximizes the opportunity for students to continue their education. It offers professional training to broaden and deepen knowledge and skills, as well as a foundation for personal and professional development and opportunities for admission to graduate work.

### Accreditation

The dental hygiene program is accredited by the Commission on Dental Accreditation, American Dental Association.

### Advising

Students interested in the dental hygiene program are encouraged to arrange a counseling session with dental hygiene faculty members.

## Honors and Awards

### Dental Hygiene Faculty Award

An outstanding dental hygiene student who has maintained high scholarship and made contributions to the department is recognized by the faculty of the Department of Dental Hygiene at graduation.

### Sigma Phi Alpha

Alpha Kappa Chapter of Sigma Phi Alpha is the national dental hygiene honor society at the University of Hawai'i. Senior dental hygiene students who rank high in scholarship and character and exhibit potential qualities for future growth are recommended by faculty members for election to membership.

## Undergraduate Study

### Admission Requirements

Applicants to the dental hygiene program must meet the Mānoa campus admission requirements described in the *Catalog*. Evaluations are made on scholastic background, i.e., high school performance, SAT scores, and college performance. Interviews are conducted to assess interpersonal and communication skills and interest in dental hygiene.

Students not accepted into the program are provided counseling on alternative options.

### Health Certification and Other Requirements

Upon entrance into the program, students must have the following:

1. CPR certification (Health Provider level BLS Course)
2. Health clearance of immunization:
  - Documented immunity to rubella, rubeola, mumps, varicella, and hepatitis B as demonstrated by titer,
  - Documented immunity to polio as demonstrated by either titer or certification from health care provider,
  - Health care provider certification of diphtheria/tetanus shot within the last ten (10) years, and
  - TB clearance
3. Health Insurance
4. Malpractice insurance of \$1 million per incident/\$3 million aggregate

Students enrolled in dental hygiene clinical courses have the potential for exposure to communicable diseases and may sustain injuries in the clinical setting. Limited emergency care will be rendered on site. Students are financially liable for all care received, including emergency room charges.

Certifications and requirements must be kept current for the duration of program enrollment.

### **Financial Consideration**

Significant costs (e.g. professional education fee; purchase of instruments, supplies, uniforms, and books; examination fees, etc.) not related to tuition and housing are associated with dental hygiene education. The additional cost over a period of three years in the dental hygiene program is approximately \$12,000. Students are encouraged to make appropriate financial arrangements.

### **Application Procedures**

High school applicants must submit the University of Hawai'i at Mānoa (UHM) Admissions Application form directly to the Office of Admissions and Records. College transfer applicants from other college/university must submit the UHM Admissions Application form and official transcripts directly to the Office of Admissions and Records. UHM College transfer applicants must submit a Department of Dental Hygiene Application/Information form, College and Curriculum Transfer Request form, and official transcripts. Only complete applications will be reviewed by the Dental Hygiene Admissions Committee.

### **Application Deadline**

Applications to the Bachelor of Science in Dental Hygiene program are accepted from December 1 through March 1 for fall admission.

### **Varied Schedules**

Dental hygiene students are expected to participate in clinical experiences at various scheduled times. Therefore, students must make time and arrangements to accommodate an irregular academic schedule.

### **Preparation for Graduation**

Students are advised to check with a faculty adviser at least one year before the scheduled graduation date to confirm that all requirements will be met.

An application for graduation must be submitted with a degree fee to the Cashier's Office (Queen Lili'uokalani Center for Student Services, Rm. 001). This should be done during the first three weeks of the semester in which the student intends to graduate.

### **Continued Registration**

The minimum academic requirements of the University apply to all dental hygiene students. In addition, students must maintain a minimum GPA of 2.0 for all registered credit hours in dental hygiene courses by the end of the second semester and each semester thereafter to continue registration in the dental hygiene program.

### **BS in Dental Hygiene**

Students must complete the following:

- General Education Core requirements (see the Mānoa General Education Core and Graduation Requirements section within this Catalog)
- Pre-major requirements
- Dental Hygiene major requirements
- Other major requirements and electives

### **Pre-Major Requirements**

- BIOC 241 Fundamentals of Biochemistry (3)
- ENG 100 Expository Writing (3)
- FSHN 185 The Science of Human Nutrition (3)
- MICR 130 General Microbiology (3) and MICR 140 Microbiology Lab (2)
- PHYL 103/103L Human Physiology and Anatomy/Lab (5/1)
- PSY 100 Survey of Psychology (3)
- SOC 100 Introduction to Sociology (3)
- SP 151 Personal and Public Speech (3)

### **Major Requirements**

- DH 231 Oral Anatomy and Tooth Morphology (2)
  - DH 231L Oral Anatomy and Tooth Morphology Lab (2)
  - DH 238 Basic Dental Hygiene I (2)
  - DH 238L Basic Dental Hygiene I Lab (1)
  - DH 239L Basic Dental Hygiene I Lab (1)
  - DH 240 Basic Dental Hygiene II (2)
  - DH 240L Basic Dental Hygiene Lab/Clinic (1)
  - DH 241L Basic Dental Hygiene Lab/Clinic (1)
  - DH 242L Basic Dental Hygiene Lab/Clinic (1)
  - DH 250 General and Oral Histology and Embryology (2)
  - DH 251 General and Oral Histology and Embryology (1)
  - DH 281 Dental Radiography (2)
  - DH 281L Dental Radiography Lab/Clinic (1)
  - DH 361 Health Education and Promotion (2)
  - DH 366 General and Oral Pathology (2)
  - DH 367 General and Oral Pathology (1)
  - DH 369 Dental Materials (1)
  - DH 369L Dental Materials Lab/Clinic (1)
  - DH 370 Expanded Functions in Dental Hygiene (2)
  - DH 370L Expanded Functions Lab/Clinic (1)
  - DH 375 Clinical Dental Hygiene I (2)
  - DH 375L Clinical Dental Hygiene I Clinic (1)
  - DH 376L Clinical Dental Hygiene I Clinic (1)
  - DH 377L Clinical Dental Hygiene I Clinic (1)
  - DH 378L Clinical Dental Hygiene I Clinic (1)
  - DH 380 Clinical Dental Hygiene II (2)
  - DH 380L Clinical Dental Hygiene II Clinic (1)
  - DH 381L Clinical Dental Hygiene II Clinic (1)
  - DH 382L Clinical Dental Hygiene II Clinic (1)
  - DH 389 Pain Control and Local Anesthesia in Dentistry (2)
  - DH 390 Periodontology I (2)
  - DH 391 Periodontology II (2)
  - DH 473 Community Health (3)
  - DH 475 Advanced Clinical Dental Hygiene I (2)
  - DH 475L Advanced Clinical Dental Hygiene I Clinic (1)
  - DH 476L Advanced Clinical Dental Hygiene I Clinic (1)
  - DH 477L Advanced Clinical Dental Hygiene I Clinic (1)
  - DH 478L Advanced Clinical Dental Hygiene I Clinic (1)
  - DH 480 Advanced Clinical Dental Hygiene II (2)
  - DH 480L Advanced Clinical Dental Hygiene II Clinic (1)
  - DH 481L Advanced Clinical Dental Hygiene II Clinic (1)
  - DH 482L Advanced Clinical Dental Hygiene II Clinic (1)
  - DH 483L Advanced Clinical Dental Hygiene II Clinic (1)
- (List continued on next page.)*

- NURS 310 Psychosocial Nursing Concepts (3) or equivalent
- NURS 439 Professional Nursing Management (3) or equivalent
- NURS 441 Introduction to Nursing Research (3) or equivalent
- PHRM 203 Introduction to General Pharmacology (3)
- PSY 210 Statistical Techniques (3) or equivalent

## Nursing

Webster 330  
2528 McCarthy Mall  
Honolulu, HI 96822  
Tel: (808) 956-8523  
Fax: (808) 956-5296

### Faculty

\*J. Itano, PhD (Chair)—oncology/nursing education  
\*J. Inouye, PhD (Graduate Chair)—psychiatric mental health  
\*R. Anders, DrPH—administration, mental health  
\*M. J. Amundson, PhD—psychiatric mental health, administration  
J. Boyd, MS—nurse practitioner  
L. Caldwell, MSN—utilization management  
\*J. Casken, PhD—administration, public health  
\*C. D. Ceria, PhD—adult health, administration  
V. C. Date, BSN—learning center  
N. Fujise, MS—adult health  
S. Garr, MSN—nurse practitioner, maternal-child  
C. P. Gazmen, MS—adult health  
A. Goodbody, MSN—nurse practitioner  
M. Guerriero, MS—psychiatric mental health nurse practitioner  
\*D. Ishida, PhD—adult health  
R. Jarman, PhD—higher education administration and student services  
L. Jensen, MS—advanced nurse educator grant  
\*J. Kadohiro, MS, DrPH—administration, community health  
\*M. Kataoka-Yahiro, DrPH—parent-child  
\*B. Kooker, DrPH (Interim Dean)—maternal-child/informatics  
E. Kretzer, MS—nurse practitioner  
A. Leake, MS—nurse practitioner  
J. Lemon, MSN—psychiatric mental health  
M. Lynch, MSN—psychiatric mental health  
\*L. Magnussen, EdD—maternal-child  
\*M. McCubbin, PhD—family/public health nursing  
P. Menon, PhD—environmental and occupational health  
S. Morris-Pruitt, MS—adult health  
V. Niederhauser, DrPH—nurse practitioner  
\*T. Olson, PhD—psychiatric mental health  
\*C. Pierson, PhD—nurse practitioner  
C. Ratliffe, MS—administration, parent-child  
K. Richardson, MSN—maternal-child  
P. Rickmann, MSN—psychiatric mental health  
D. Ryer, MSN—psychiatric mental health  
B. Saiki, MS—psychiatric mental health  
\*J. Shoultz, DrPH—community health, adult health  
\*A. Sloat, PhD—maternal-child

\*N.L. Smith, PhD—nurse practitioner  
K. Thompson, MS, MPH—maternal-child, nurse practitioner  
\*C. Trotter, DrPH—psychiatric mental health  
\*A. Tse, PhD—parent-child  
J. Uyehara, MSN—maternal-child  
\*A. Verderber, PhD—higher education, nurse practitioner  
\*J. Vogler, DrPH—parent-child  
\*C. Wang, PhD—adult health  
T. Wheeler, MSN—psychiatric mental health  
L. Wong, MSN—adult health

### Clinical Faculty

N. Atmospera-Walch, MPH—health education  
F. Baldonado, MS—community mental health  
R. Bentz, MSNC—family practice, emergency nursing  
C. Bertram, MS—women's health  
E. Bhattacharyya, MD—women's health  
J. Bob, MS—health services administration  
K. Boyer, MN—family nurse practitioner, women's health  
W. Brandman, MSN—psychiatric, mental health  
M. Brooks, MSN—wounds, ostomy, continence  
R. Brumblay, MD—emergency medicine  
P. Burns, MS—family nurse practitioner  
B. Cannan, MS—administration, gerontology  
J. Carlson, PhD—psychology  
R. Carmichael, MS, MPH—family nurse practitioner  
J. Cerny, MSN—maternal-child  
C. Chemtob, PhD—psychology, post traumatic stress disorder  
C. Ching, MS—psychiatric mental health nursing  
G. Chock, MS—women's health  
E. Codier, MSN—critical care, nursing education  
C. Collura-Burke, DO—general medicine  
B. Cox, PhD—psychiatric, mental health  
J. Cruce, MS—family nurse practitioner  
D. Davids, MS—medical-surgical  
P. DeLeon, PhD—public health, psychology  
D. Derauf, MD, MPH—preventive medicine, community medicine  
S. Espina, MS—family nurse practitioner  
D. Fochtman, MN—pediatric nurse practitioner, oncology  
L. Fujita, MS—adult care  
M. Graham, MSN—medical administration  
D. Harris, MSN—geriatric, long term care services  
M. Harris, MS—adult health  
C. Hayashida, PhD—gerontology, long-term health policy  
J. Hickey, MA—nursing administration, medical/surgical nursing  
F. Hodge, DrPH—public health, diabetes, cancer, native health  
R. Honda, MSN—administration  
J. Humphry, MD—diabetes, chronic disease management  
M. Ichiyama, MS—neurology  
T. Imada, RN, MS—oncology  
R. Jensen, RN, MS—psychiatric, mental health  
S. Jones, MS—administration  
S. Jones, MS—neurological nursing  
H. Joseph, PhD—health care administration  
G. Kaalakea, MSN—administration  
E. Kalauawa, MD—internal medicine, HIV illness

K. Karp, MS—anesthetics, airway management, emergency treatment, trauma

B. Kelii, MS—family nurse practitioner

D. Knight, MS—pediatric nurse practitioner

J. Labbe, MS—family nurse practitioner, care of homeless

S. Lawler, MD—internal medicine

C. Lee, MSN—high risk obstetrics

E. Lee, MSN—management/administration

C. Linden, MD—family practice, HIV disease

C. Loo, MD, MS, MGA—dermatologist

C. Lopez, MS—administration

L. Lorenzo, MS—family nurse practitioner, gerontological nurse practitioner

B. Mamaclay, MS—pediatric nurse practitioner

G. Marullo, MSN—administration

B. Mathews, MS—psychiatric, mental health

K. May, DNSc—community health, community based interventions with culturally diverse populations, health promotion

M. McEldowney, MS—psychiatric, mental health

A. Miles, MDiv—hospital ministry

N. Moser, MN—gerontological nursing

K. Moss, LMT—massage therapy

D. Motoyama, RN, MS—adult health

S. Myhre, RN, MS—women’s health

R. Newmann, MS—family nurse practitioner, HIV illness

P. Nishimoto, DNS—oncology

J. Noone, MSN—family nurse practitioner

A. Novak, MS—mental health

J. Okamoto, MD—developmental behavioral pediatrics

C. Olivier, MSN—women’s health

S. Orr, MS—administration

R. Pabo, APRN—family nurse practitioner

L. Pascua, MD—general pediatrics

P. Pearsall, PhD—psychology, psychoneuroimmunologist

P. Polgar-Bailey, MSN—family nurse practitioner

R. Poyzer, MPH—home care, administration

C. Prince, PhD—epidemiology

A. Ramos, MSN—pediatric nurse practitioner

V. Raquipo, MN—child/family, clinical nurse specialist

A. Razzuk, MD—surgery

R. Ricardo, MD—pediatrics

V. Saunders, MSN—geriatrics

C. Schempp, DNSc—critical care, health promotion, HIV/AIDS, quantitative methodology

J. Shishido, MBA—database management, health informatics, telemedicine

R. Stewart, MS—administration

R. Struthers, PhD—indigenous health, health disparities, rural health

R. Sussman, MD—emergency/urgent care

N. Szesny, MS—family nurse practitioner

C. Takemoto-Gentile, MD—family and geriatric medicine

B. Tanner, MS—pediatric nurse practitioner, community health

K. Taoka, MN—oncology

R. Teichman, MD, PhD—family practice, urgent care

V. Tenorio, MHA—family practice

L. Thomas, MSN—psychiatric, mental health

C. Trotter, DrPH—community psychiatric/mental health nursing,

rural mental health

P. Urso, MS—adult and family health

K. Wainwright, MPH—administration, hepatitis

C. Yamamoto, MSN—women’s health care, family planning

A. Yasunaga, MS—family nurse practitioner, correctional nursing

G. Yip, MSN—nursing administration, clinical systems analysis

V. Yontz, PhD—community health

K. Young, MPH—women’s health nurse practitioner

L. Zick-Mariteragi, MS—family nurse practitioner

**Degrees and Certificate Offered:** BS in nursing, MS in nursing, PhD in Nursing and Post-Master’s Certificate in Nursing

## The Academic Program

The Department of Nursing’s undergraduate program provides two options: (a) the bachelor of science degree pathway, which admits students following completion of a minimum of 34 credit hours of general education and nursing prerequisite courses in the Colleges of Arts and Sciences, and (b) the RN to BS pathway, which allows entry after the completion of the AS degree or diploma program in nursing.

The program leading to the master of science (MS) in nursing degree prepares the student for advanced practice nursing. The MS options prepare the nurse for advanced practice in adult, family, gerontology, child health, women’s health, psychiatric-mental health, or clinical systems management. The master’s program provides the foundation for doctoral study.

The Department of Nursing offers the Post-Master’s Certificate in Nursing for nurses who already have a master’s degree in nursing but wish to acquire expertise in another specialty.

The PhD in nursing prepares scholars who are capable of conducting culturally appropriate clinical scholarship to improve the health of a diverse society and to teach in nursing educational programs, especially those with minority student populations.

## Distance Education

When funding is available, the RN to BS, masters, and PhD programs may be offered as a distance education program for the professional advancement of registered nurses. Admission requirements, curriculum, and course descriptions for the programs are the same as those of the Mānoa campus. The programs are designed with part-time students in mind.

For further information, contact the school’s Office of Student Services at (808) 956-8939. All policies and procedures that apply to Mānoa students apply to students enrolled in distance learning opportunities.

## Student and Faculty Awards

Each graduating class recognizes an outstanding faculty educator and graduating students who have made significant contributions in service, leadership, and professionalism. Academic excellence is also recognized by an award to the student with the highest grade point average.

### **Accreditation**

The nursing programs are accredited by the Hawai'i State Board of Nursing, the National League for Nursing Accrediting Commission<sup>1</sup>, and the Commission on Collegiate Nursing Education<sup>2</sup>.

1 National League for Nursing Accrediting Commission, 61 Broadway - 33rd Floor, New York City, NY 10006, Phone: (800) 669-1656

2 Commission on Collegiate Nursing Education, One Dupont Circle, NW, Suite 530, Washington, DC, 20036-1120, Ph: (202) 887-6791

## **Undergraduate Study**

### **Advising**

Office of Student Services  
Webster 201  
Honolulu, HI 96822  
Tel: (808) 956-8939

Academic advising is available in the school's Office of Student Services. Potential applicants to the program should attend a program information session prior to scheduling an individual meeting with the adviser. Students in need of advising should call for appointments. All undergraduate nursing students are invited to meet with the adviser regarding their progress toward the chosen degree. The adviser provides an annual written assessment of student progress to degree.

### **Preparation for Graduation**

Students are advised to check with the academic adviser to make sure that all requirements are met at least one semester before the scheduled graduation date.

An application for graduation must be submitted with a degree fee to the Cashier's Office (Queen Lili'uokalani Center for Student Services, Room 001). This should be done during the first three weeks of the semester the student intends to graduate.

### **Diplomas**

Diplomas for graduate and undergraduate students can be obtained from the Office of Admissions and Records, Queen Lili'uokalani Center for Student Services, Room 001, 10 weeks after graduation. A request to mail the diploma may be filed at the Office of Admissions and Records.

### **National Council Licensure Examination (NCLEX-RN)**

Upon graduation from the bachelor of science program, students have their names submitted to the Board of Nursing, which qualifies them to take the NCLEX-RN exam. The school's Office of Student Services is available to assist with the application process. Application forms are available at [www.state.hi.us/dcca/pvl](http://www.state.hi.us/dcca/pvl). There are no specific filing deadlines.

Students who wish to take nursing licensing boards in another state must contact that state's board of nursing directly. Addresses of state boards of nursing are available from the Hawai'i Board of Nursing, (808) 586-3000 or via the Web at [www.ncsbn.org](http://www.ncsbn.org).

### **Student Organizations**

For career and leadership development, it is important for students to become active in student and professional organizations. There are several student organizations at Mānoa.

#### **Student Nurses Organization**

All undergraduate nursing students can participate in the Student Nurses Organization (SNO). The organization provides an opportunity for students to develop professional identity and leadership skills. Students express their interests and opinions in an open forum. This student organization makes recommendations regarding policies to the various committees within the School of Nursing and Dental Hygiene. The Student Nurses Organization is responsible for the coordination of various volunteer and fundraising activities of nursing students. It also offers an opportunity for students to socialize with each other and create mentoring relationships.

#### **National Student Nurses' Association**

The National Student Nurses' Association (NSNA) acts as the voice of nursing students on the national level. NSNA contributes to nursing education in order to provide the highest-quality health care. It helps nursing students keep in touch with fundamental and current professional interests and become active, responsible, and professional nurses. NSNA is part of the American Nurses' Association; the Hawai'i Student Nurses' Association is the local chapter of the NSNA.

#### **Sigma Theta Tau**

Sigma Theta Tau is the international honor society in nursing that promotes excellence in academic scholarship, research, and clinical nursing. Students must be nominated to become a member. The Gamma Psi Chapter is the Mānoa chapter of the honor society.

### **Bachelor's Degree**

Pre-nursing students enroll in the Colleges of Arts and Sciences to complete General Education Core and pre-nursing requirements. Completion of these courses provides the foundation for professional nursing courses. After satisfactory completion of the pre-nursing courses, students are eligible for admission to the Department of Nursing. Upon admission to the School of Nursing and Dental Hygiene, students register for the upper division nursing courses, which focus on both the theoretical and practice dimensions of professional nursing.

The undergraduate nursing program also offers a degree path open to registered nurses who have graduated from an associate degree or diploma program outside the UH system. A transfer agreement between Mānoa and the UH Community College Associate of Science in Nursing programs provides a seamless transition from the UH Community College to Mānoa.

### **Admission Requirements**

To qualify for admission to the Department of Nursing, applicants must complete the following pre-nursing requirements:

1. Admission to the University of Hawai'i at Mānoa;
2. Minimum GPA of 2.5;
3. A minimum grade of C in the following prerequisite courses: CHEM 151 and 152; ENG 100 or ELI 100; MICR 130 and 140L; PHYL 141/141L, 142/142L; and 6 credits in global and multicultural perspectives; and 3 credits in symbolic reasoning (math or statistics); PHRM 203 (for spring admission); and
4. For the Generic Curriculum, acceptable scores on the NET (Nursing Entrance Exam) or NLN Pre-Admission Exam, or SAT scores. For students who must take TOEFL, the acceptable verbal score will be used.
5. For the RN to BS Pathway, graduation from one of the following: NLNAC accredited associate degree program in nursing or a University of Hawai'i System Colleges nursing program; non-NLNAC accredited associate degree nursing program plus passing scores on the Acceleration Challenge Examination (ACE II); or hospital diploma school plus passing scores on the Acceleration Challenge Examination II (ACE II).

Students are advised to carefully review the course descriptions and prerequisites for the lower division courses.

### Application Procedures

Applicants are advised to attend one of the twice monthly orientation sessions at the School of Nursing and Dental Hygiene or meet with the academic adviser before submitting an application. For more information, please call the Office of Student Services.

Two separate application forms—the University of Hawai'i System Application Form to the University of Hawai'i at Mānoa and the School of Nursing and Dental Hygiene application form—must be submitted before an applicant can be considered for admission to the School of Nursing and Dental Hygiene.

Students enrolled as classified day students at UH Mānoa during the semester immediately preceding the semester of desired entry must complete the college and curriculum transfer request form, which can be obtained from the Office of Student Services, Webster 201.

Applicants must also submit a photocopy of grades to the Office of Student Services if enrolled in courses at any community college or other university during the semester immediately preceding the semester of entry into the school.

### Application Deadlines

The deadlines are March 1 for the fall semester and October 1 for the spring semester. All documents must be received by the Office of Student Services no later than the deadline dates.

### Special Requirements

Upon entrance into the program, students must have the following:

1. CPR certification (Health Provider level BLS Course\*);
2. Health clearance of immunizations including tetanus within 10 years, mumps, complete hepatitis-B vaccine series;

laboratory evidence (titer) of immunity to rubella, rubeola and varicella; and TB clearance;

3. Health insurance; and
4. Malpractice insurance of \$1 million per incident/ \$3 million aggregate (to be provided by the School of Nursing and Dental Hygiene).

\*Health Provider level BLS Course curriculum and testing include modules of Heartsaver adult, pediatric obstructed airway, and pediatric one rescuer and two rescuer CPR.

ALL special requirements must be cleared before registration for the new semester by presenting **photocopies** of CPR certification (card), health insurance policy, titer results, vaccinations, TB clearance, and the health certification form to the Office of Student Services. Students with prerequisite deficiencies may not register for or attend clinical courses.

Students must take a tuberculosis screen test annually or chest x-ray as required. Nursing students who have not taken a TB skin test within the last twelve (12) months must take the two step TB test. CPR certification must be renewed every two years.

Students are also required to have health insurance. A student medical insurance plan is offered through UHM. For information, call University Health Services, (808) 956-8965.

Students in nursing programs are exposed to selected health risks related to the environment of their learning experiences. Clinical labs are held in medical centers, clinics, and in various community locations.

Most agencies will render emergency care at the clinical site, but students are financially liable for all care received, including emergency room charges.

### Varied Schedules

Nursing students are expected to participate in clinical experiences in many community agencies at variously scheduled times. Therefore, students must make time and transportation arrangements to accommodate an irregular academic schedule.

### Continued Registration

All undergraduate students accepted as majors in the nursing program may register for nursing courses. Students must attain a grade of at least C in all "critical" nursing courses (identified by \* in curriculum one next page) to continue registration for the following semester.

Students may be dismissed from the program for failing to maintain academic and clinical experience standards of the School of Nursing and Dental Hygiene. Students wishing to return to the program must file a petition to continue, available at the Office of Student Services, Webster 201, by the specified deadline (see the School of Nursing and Dental Hygiene Student Handbook).

### BS in Nursing (Generic Curriculum)

The bachelor of science in nursing degree prepares beginning-level generalist professional nurses to deliver care to individuals in a variety of health-care settings, meet the state requirements for eligibility to take the National Council

Licensure Examination—Registered Nurse (NCLEX-RN), and obtain a sound basis for graduate study in nursing.

After satisfactory completion of the pre-nursing courses, students are eligible to apply for admission to the Department of Nursing. Upon admission, students register for the upper division courses. The upper division curriculum focuses on both the theoretical and practical dimensions of professional nursing.

To qualify for a BS in nursing, all undergraduate students must complete curriculum requirements with a grade of C or higher and a minimum cumulative GPA of 2.0.

### Semester 1

- \*NURS 310 Psychosocial Nursing Concepts (3)
- \*NURS 330/330L Professional Nursing I/Lab (2/3)
- \*PHRM 203 General Pharmacology (3)
- Arts, Humanities & Literature #1 (3)
- Social Science #1 (3)

### Semester 2

- \*NURS 331/331L Professional Nursing II/Lab (2/3)
- \*NURS 311 Pathophysiologic Nursing Concepts (3)
- FSHN 475 Nutrition for Health Professionals (3)
- Arts, Humanities & Literature #2 (3)

### Semester 3

- \*NURS 370/370L Adult Health Nursing I/Lab (2/3)
- \*NURS 371/371L Psychiatric—Mental Health Nursing/Lab (3/2)
- \*Nursing elective (2)
- Social Science #2 (3)

### Semester 4

- \*NURS 372/372L Maternal Newborn Nursing/Lab (2/3)
- \*NURS 373/373L Child Health Nursing/Lab (2/3)
- Hawaiian, Asian, Pacific designated course (3)
- Oral Communications (3)

### Semester 5

- \*NURS 470/470L Adult Health Nursing II/Lab (2/3)
- \*NURS 471/471L Community Health Nursing/Lab (2/3)
- \*NURS 441 Introduction to Nursing Research (3)
- Ethics (3)

### Semester 6

- \*NURS 475/475L Complex Nursing Practice/Lab (2/5)
- \*NURS 439 Professional Nursing Management (3)
- \*NURS 486 Professional Issues and Trends (2)
- \*Nursing elective (2)

\*Courses that require a grade of C or better or "credit."

### Nursing Electives

4 credit hours of elective courses chosen from the following:

- NURS 305 Women and Health (3) (Cross-listed as WS 305)
- NURS 340 Ethical Legal Aspect Health Care (3)
- NURS 341 Alternative Nursing Interventions (3)

- NURS 342 Health Care/Nursing in Japan in Comparison with the United States (3)
- NURS 343 Gerontology: Its Nursing Implications (3)
- NURS 344 Nursing in Multicultural Milieu (3)
- NURS 345 The Brain (3)
- NURS 346 The Reflective Clinician (2)
- NURS 347 Pharmacobehavioral Aspects of Substance Use/Abuse (3)
- NURS 348 Nursing Care of HIV Infected Client (2)
- NURS 349 Introduction to Pain Management (2)
- NURS 350 Chronic Illness in Children and Adolescents (V)
- NURS 361 Health Education and Promotion (2)
- NURS 410 Case Management in Managed Care (2)
- NURS 411 NCLEX Review (2)
- NURS 412 Fund of Occupational Health Hazards (2)
- NURS 420 Cooperative Education in Nursing (V)
- NURS 430 Hazardous Materials (3) (cross-listed as ENBI 420 and GEOG 420)
- NURS 437 Rural Health Teams
- NURS 472 Introduction to Critical Care Concepts (2)
- NURS 491 Seminar in Perioperative Nursing I
- NURS 491L Perioperative Nursing Clinical I
- NURS 492 Seminar in Perioperative Nursing II
- NURS 492L Perioperative Nursing Clinical II

### **BS Curriculum for Registered Nurses**

#### **(RN to BS Pathway)**

The School of Nursing and Dental Hygiene undergraduate nursing curriculum offers an upper division degree path for those with an associate degree in nursing from within the University of Hawai'i system. This curriculum is also open to registered nurses who have graduated from associate degree or diploma programs outside the University of Hawai'i system. The upper division courses build on the knowledge, skills, socialization, and experience in the discipline of nursing and the General Education Core requirements. Emphasis is on critical thinking and the integration of new information and competencies. The RN to BS pathway offers nursing content not included in the AS degree curriculum.

Registered nurses interested in furthering their formal education by earning a BS in nursing but who have graduated from a diploma school or non-NLN accredited associate degree program are encouraged to apply to the School of Nursing and Dental Hygiene. These nurses are required to take the National League for Nursing Acceleration Challenge Exams (NLN ACE) and complete the prerequisite lower division courses prior to entry into the upper division nursing major.

The track requires 64 credits of General Education Core and nursing prerequisite courses. Thirty (30) upper division nursing credits are granted for prior nursing education. Thirty-one (31) additional upper division nursing credits are required with a grade of C or higher in all nursing courses.

**Semester 1**

- NURS 310 Psychosocial Nursing Concepts (3)
- NURS 330/330L Professional Nursing I/Lab (2/3)
- Social Science #1 (3)
- Arts, Humanities & Literature #1 (3)

**Semester 2**

- NURS 311 Pathophysiological Nursing Concepts (3)
- Statistics (3)
- FSHN 475 Nutrition for Health Professionals (3)
- Hawaiian, Asian, Pacific designated course (3)\*
- Arts, Humanities & Literature #2 (3)

**Semester 3**

- NURS 471/471L Community Health Nursing/Lab (2/3)
- NURS 441 Introduction to Nursing Research (3)
- Oral Communication (3)\*
- HIST 152 Civilization (3)
- Social Sciences #2 (3)\*

**Semester 4**

- NURS 439 Professional Nursing Management (3)
- NURS 475/475L Complex Nursing Practice/Lab (2/5)
- NURS 486 Professional Issues and Trends (2)
- Ethics (3)\*

\*The changes in these requirements pertain to students admitted to the UH System beginning Fall 2001. Please see the adviser if you have questions.

**Graduate Study****Master's Degree**

Using a community-based approach, the master of science in nursing program prepares nurses for advanced practice.

**Primary Health Care Options**

The advanced practice nursing option in primary health care prepares nurses to practice as nurse practitioners in adult, family, or gerontology. Post-master's certificates are also available in these specialties as well as women's health and child health. The curriculum prepares students with the skills to deliver care in a changing health care system and job market, and to further develop in the professional discipline of nursing.

Specialty advisers from the graduate faculty will assist students in developing individualized programs of study and in monitoring progress toward program completion. All specialties require at least 4 semesters of full-time study. Part-time study can also be arranged. Thesis (Plan A) and non-thesis (Plan B) are both available.

The total number of credits required varies depending on clinical specialty. Core courses include: NURS 605, NURS 620, NURS 630, NURS 639, and a health policy course selected from an approved interdisciplinary listing of courses. Clinical specialty courses include: NURS 612, NURS 613, NURS 621, NURS 629, NURS 640, NURS 733, and twelve credits of NURS 675. Additional courses are required for each

clinical specialty and may include: NURS 633, NURS 634, NURS 635, NURS 636, NURS 637, NURS 641, NURS 642, and NURS 695. Graduates of these options are eligible to take national certification exams in the area of specialty. The number of supervised clinical hours required is a minimum of 540 or twelve credit hours of NURS 675. Students, additionally, may select a thesis option for six credits.

**Psychiatric Mental Health Options**

The advanced practice psychiatric/mental health specialization offers a clinical nurse specialist preparation that focuses on the expanded role of the psychiatric mental health advanced practice nurse in the health care system. The focus is on psychosocial and biological knowledge for the core specialization with practice in primary, acute, chronic, and population-based care. The total number of credits required for graduation range from 41 to 47 (if the thesis option is selected). The core courses are NURS 620 Methods and Measurements in Nursing Research, NURS 630 Information Systems in Health Care, NURS 639 Disciplinary Knowledge, and a health policy course. Twenty-nine credits are required for the specialty area concentration: NURS 611 Mental Health Assessment and Diagnosis, NURS 612 Advanced Health Assessment, NURS 616 Psychophysiology of Human Behavior, NURS 622 Psychiatric-Mental Health Issues and Roles, NURS 623 Psychopharmacology, NURS 632 Therapeutic Modalities, NURS 646 Advanced Psychiatric-Mental Health Practicum, and NURS 675 Advanced Practice Clinical. A minimum of 500 supervised clinical hours is required. Students may select a thesis for an additional six credits. A post-master's certificate option is also available in this area.

**Clinical Systems Management**

A clinical systems management area of focus is also offered. The clinical systems management curriculum provides the student with the content and practical experience needed to succeed in an administrative position in today's competitive marketplace. The curriculum prepares professional nurses for entry and mid-level positions in the management of clinical systems.

Academic advisers selected from the graduate faculty will assist students with the development of individualized programs of study and monitor progress towards degree. This specialty area requires at least three semesters of full-time study and leads to a master of science degree. Thesis and non-thesis options are available.

The total number of credits required for graduation is 36. Core courses (12 credits) are NURS 620 Methods and Measurements in Nursing Research, NURS 630 Information Systems in Health Care, NURS 639 Disciplinary Knowledge, and a health policy course. Eighteen credits are required for the clinical systems management area of concentration: NURS 662 Management and Leadership of Clinical Systems, NURS 663 Clinical Systems Management I, NURS 664 Clinical Systems Practicum, NURS 665 Clinical Economics and Finance, NURS 774 Clinical Systems Management II, NURS 775 Capstone Field Study. One 3 credit course in human resources management plus an elective are also required. Twelve contact

hours of clinical practice per week are required in the final semester. Students may select a thesis option for an additional six credits.

### **RN to MS Program (with non-nursing baccalaureate)**

The RN to MS Program (with non-nursing baccalaureate) targets registered nurses (RNs) who are graduates of an NLN accredited associate degree or diploma and have a baccalaureate degree in an area other than nursing. The following baccalaureate nursing courses are required prior to enrolling in the master's program: NURS 439 Management, NURS 441 Nursing Research, NURS 471/L Community Health Nursing, and FSHN 475 Nutrition. The admission progression, and graduation requirements are the same as for options within the master's program.

### **Admission Requirements**

To be admitted, applicants must meet the requirements of both the Graduate Division and the Graduate Student Affairs Committee of the School of Nursing and Dental Hygiene. Requirements for the School of Nursing and Dental Hygiene include the following:

1. A baccalaureate degree with a major in nursing from an NLNAC or CCNE-accredited program;
2. A minimum cumulative GPA of 3.0 in undergraduate nursing courses;
3. Statistics course;
4. A basic research course or equivalent; and
5. Interview with a specialty adviser.
6. For international students, TOEFL scores must be 580 or above.

### **Documentation Requirements**

1. A curriculum vitae or résumé;
2. Two completed reference forms (one from a former faculty member and one from an agency supervisor); and
3. A sample of professional writing or a well written one- or two-page paper discussing an issue relating to nursing, health, or clinical practice.

### **Special Requirements**

Upon entrance to the program, students must have the following:

1. Current Hawai'i licensure to practice professional nursing;
2. A current CPR certificate from an approved American Heart Association Basic Cardiac Life Support (health provider level BLS course);
3. Liability and malpractice insurance with a minimum coverage of \$1 million per incident, \$3 million aggregate (coverage provided by the school);
4. Immunizations including tetanus within 10 years, mumps, complete hepatitis-B vaccine series; laboratory evidence (titer) of immunity of rubella, rubeola, and varicella; and TB clearance; and
5. Health insurance.

Students with deficiencies may not register or attend clinical courses.

### **Admission Procedures**

Two separate application forms must be completed: the Graduate Division application form and the School of Nursing and Dental Hygiene application form. The Graduate Division application form and, official transcripts, must be sent directly to:

Graduate Division Admissions Office  
University of Hawai'i at Mānoa  
2540 Maile Way, Spalding 353B  
Honolulu, HI 96822

The School of Nursing and Dental Hygiene application form is available in the Office of Student Services, Webster 201. The completed form and all other admission materials must be sent directly to:

School of Nursing and Dental Hygiene  
Office of Student Services  
2528 McCarthy Mall, Webster 201  
Honolulu, HI 96822

Completed applications are first screened by the Graduate Division Admissions Office; only applications of students who meet the minimum requirements are forwarded to the School of Nursing and Dental Hygiene for comprehensive review by the School's Graduate Faculty. The School then makes a recommendation to the Graduate Division to either admit the student or deny admission.

Applications are accepted for both fall and spring semesters. The application forms and supporting documents must be received at the designated offices by March 1 for fall and October 1 for spring.

### **Post-Master's Certificate**

After completing an MS degree program, students may select to enroll in the post-master's certificate option. This certificate permits students with an MS in nursing to pursue clinical course work in a second nursing specialty.

### **PhD Degree**

The PhD in nursing program prepares scholars who are capable of conducting culturally appropriate clinical scholarship to improve the health of a diverse society and teaching in nursing educational programs, especially those with minority student populations.

Academic advisers will be selected from the graduate faculty based on students' area of research interest. The program requires 46 credits of post-master's course work plus a dissertation. Two core areas make up the program of study: (1) Knowledge Development and Clinical Scholarship and (2) Nursing Education. Electives and support courses make up the remainder of the course work. The PhD program requires a minimum of two years of full-time study plus one year to complete the dissertation. Part-time study is also available. The part-time pathway will be individualized based on how quickly the student is able to progress.

The nursing education component of the program prepares students to teach in nursing programs with a diverse student body. The nursing education courses (8 credits) are NURS 745 Creative Learning Strategies for Adults, NURS 747 Curriculum Development, and NURS 748 Supervised Practicum in Teaching.

The knowledge development and clinical scholarship component of the program prepares students to conduct culturally appropriate research in nursing. Substantive nursing content is acquired through the disciplinary knowledge sequence of courses. In the clinical scholarship sequence, students develop skills in methods, design, and measurement in both quantitative and qualitative approaches. The knowledge development and clinical scholarship courses (26 credits) are NURS 739 Advanced Nursing Science, NURS 741 Quantitative Methods and Measures, NURS 742 Qualitative Methods and Measures, NURS 751 Evidence Based Nursing Practice I, NURS 761 Evidence Based Nursing Practice II, NURS 777 Nursing Research Practicum I, NURS 778 Research Practicum II, and two advanced statistics courses to meet the specific research focus of the student.

Electives and support courses, such as NURS 650 Complementary and Traditional Care, comprise an additional 12 credits for a total of 46 credits of course work.

The master's courses have been designed to allow seamless progression from MS to PhD. BS students admitted will complete the MS degree requirements in nursing receiving an MS degree as they progress seamlessly to the PhD.

### Admission Requirements

Applicants must meet the requirements of both the Graduate Division and graduate admissions committee of the School of Nursing and Dental Hygiene. Requirements for the School of Nursing and Dental Hygiene include the following:

- 1) MS from an NLNAC or CCNE accredited program;
- 2) GPA of 3.0 or above;
- 3) Interview with the graduate faculty; and
- 4) Positive recommendation from the graduate student affairs committee.
- 5) For international students, TOEFL scores must be 580 or above.

### Documentation Requirements

- 1) Curriculum vitae or résumé;
- 2) Three references; and
- 3) A scholarly paper.

### Requirements for Clinical Scholarship

- 1) Current Hawai'i RN or APRN license;
- 2) Current CPR certificate from an approved American Heart Association Basic Cardiac Life Support;
- 3) Liability and malpractice insurance;
- 4) Immunizations and other procedures;
- 5) Health insurance.

### Application Procedures

Two separate application forms must be completed: the Graduate Division application and the School of Nursing and Dental Hygiene PhD program application form. The Graduate Division application form and official transcripts must be sent directly to:

Graduate Division Admissions Office  
University of Hawai'i at Mānoa  
2540 Maile Way, Spalding 353B  
Honolulu, Hawai'i 96822

On-line application is possible through [www.hawaii.edu/graduate](http://www.hawaii.edu/graduate).

The School of Nursing and Dental Hygiene PhD program application form is available in the Office of Student Services, Webster 201. In addition, applications can be downloaded from the web at [www.nursing.hawaii.edu](http://www.nursing.hawaii.edu) and mailed to the school. The completed form and all other admission materials must be sent directly to:

School of Nursing and Dental Hygiene  
Office of Student Services  
2528 McCarthy Mall, Webster 201  
Honolulu, HI 96822

Completed applications are first screened by the Graduate Division Admissions Office. Only applications of students who meet the University's minimum requirements are forwarded to the School of Nursing and Dental Hygiene for comprehensive review by the school's graduate faculty. The school then makes a recommendation to the Graduate Division to either admit the student or deny admission.

Applications are accepted for the fall semester only. The application forms and supporting documents must be received at the designated office by March 1.