

Department of Nursing

Health and Physical Education, Room 215

(909) 537-5380 Department of Nursing website (<http://nursing.csusb.edu>)

The Department of Nursing offers two programs. One program leads to the Bachelor of Science degree in nursing (BSN). The other program leads to the Master of Science degree in nursing (MSN). The BSN and MSN programs are accredited by the Commission on Collegiate Nursing Education (<http://www.ccnaccreditation.org/>) (CCNE).

The BSN program offers two tracks, a pre-licensure BSN track and an RN-BSN track. The pre-licensure BSN is approved by the Board of Registered Nursing of California. The pre-licensure BSN and RN-BSN meet the requirements for public health nursing certification in California.

The MSN program offers three concentrations: Advanced Community/Public Health Nursing, Population Health for Clinical Nurse Leaders, and Nurse Educator.

BSN

The Department of Nursing offers didactic and clinical courses for students to experience caring of diverse patients across the entire life span. A variety of health care agencies are utilized for students' clinical rotation experience. This program is to graduate entry level professional registered nurses to promote optimal health in a variety of healthcare settings.

As an impacted program, the pre-licensure BSN program is offered in the San Bernardino campus and the Palm Desert campus. Students should apply for admission to the Department of Nursing in addition to the CSUSB university admission. Please check the Department of Nursing website for detailed department admission requirements. Conditional department admission is contingent upon satisfactory results from background check and drug screen test. Students are also expected to meet the compliance requirements per the department and/or rotating health care agencies' requirements.

RN-BSN

The RN-BSN is a hybrid program including the traditional RN-BRN program and Concurrent Enrollment Program (CEP). The traditional RN-BSN program is designed for students holding a California RN license who wishes to complete a BSN degree. The CEP is an innovative program in collaboration with community colleges. Associate degree nursing (ADN) students enrolled in the community colleges can take the traditional ADN courses and simultaneously enroll in the required CSUSB hybrid courses. Upon completion of the ADN program at the community college, students are eligible and will take the NCLEX licensure exam to complete the CEP CSUSB nursing courses, and eventually will graduate from CSUSB with a BSN degree.

MSN

The MSN is a hybrid program and designed for working registered nurses (RNs) who are ready to further advancement in different specialties. Every student completes a series of core courses and selects from one of three concentrations: Advanced Community/Public Health Nursing, Population Health for Clinical Nurse Leaders, or Nurse Educator.

All didactic courses are delivered in a hybrid format and a variety of health care agencies/facilities are utilized for students' clinical rotation experience.

Post Graduate Certificates

The Department of Nursing offers two post-graduate nursing certificate programs for Registered Nurses who hold an earned master's or doctoral degree and are interested in expanding their expertise in an added specialty. The certificate programs build on completed graduate course work and provide options for professional development.

The post-graduate nursing certificates are in the following specialty areas:

1. Advanced Community/Public Health Nursing (<https://www.csusb.edu/nursing/programs/post-graduate-certificates/advanced-community-public-health-post-graduate/>)
2. Nurse Educator

Departmental Honors

A graduating senior will be awarded departmental honors in nursing after meeting the following requirements:

1. Achieve a minimum grade point average of 3.6 in all upper division courses taken at the university.
2. A clear demonstration of the ability to do independent work in nursing and recommendation by the faculty of the Department of Nursing.

Current Faculty

Dawn Blue, Associate Professor
B.S.N. 2002, CSU San Bernardino
D.N.P. 2015, Brandman University

Cheryl Brandt, Professor
B.S.N. 1979, Southwest Missouri State University
M.S.N. 1982, University of Minnesota
Ph.D. 2005, University of Minnesota

Terese Burch, Professor, Chair
B.S.N. 1974, Loyola University
M.S. 1977, Rush University
Ph.D. 1989, University of Illinois at Chicago

Debra Cohen, Lecturer
B.S.N. 2003, M.S.N. 2005, University of Phoenix

Claudia Davis, Professor
B.S.N. 1986, Niagara University
M.S.N. 1995, University of California, Los Angeles
Ph.D. 2013, University of California, Los Angeles

Kelly Deckard, Assistant Professor
BSN. 2008, University of Phoenix
MS. 2013, Azusa Pacific University
Ph D. 2016, Frontier Nursing University

Evangeline Fangonil-Gagalang, Lecturer
A.S. 1998, Pasadena City College
B.S.N. 2001, University of Phoenix
M.S.N. 2005, California State University, Fullerton

Geraldine Fike, Associate Professor

B.S.N. 1998, M.S.N. 2002, California State University, Dominguez Hills
D.N.P. 2012, Western University

Younglee Kim, Associate Professor
B.S. 1998

MSN 2009, California State University, San Bernardino
Ph.D. 2014, Azusa Pacific University

Yeon Kim, Associate Professor
B.S.N. 1991, Seoul National University
M.S.N. 2011, CSU Dominguez Hills
D.N.P. 2015, CSU Fullerton

Pinthusorn Pattayakorn, Associate Professor
B.S.N. 1992, Rangsit University
M.S.N. 1996, Mahidol University
Ph.D. 2009, Mahidol University

Kathy Stafford, Lecturer
B.S.N. 2000, Phoenix Cc

Kathyrne Tiras, Lecturer
B.S.N. 1983, University of Kansas Main Campus
M.S.N. 2009, Loma Linda University

Nancy Wolf, Lecturer
B.S.N. 2008, M.S.N. 2011, California State University - San Bernardino

Emeriti

Teresa Dodd-Butera, Professor

Dorothy Johnson, Professor

Janice Layton, Professor

Lynne Leach, Professor

Susan J. McGee-Stehsel, Assistant Professor

Mary L. McGregor, Associate Professor

Mary E. Molle, Professor

Mary G. Patterson, Professor

Del LaVerne Watson, Professor

Donna M. Ziebarth, Associate Professor

Undergraduate Degrees

Bachelor of Science

Accredited by the Commission on Collegiate Nursing Education (CCNE)

Nursing (<https://catalog.csusb.edu/colleges-schools-departments/natural-sciences/nursing/nursing-bs/>)

RN to BSN (<https://catalog.csusb.edu/colleges-schools-departments/natural-sciences/nursing/nursing-rn-bsn-bridge-bs/>)

Graduate Degree

Master of Science

The master's degree in nursing at CSU San Bernardino is accredited by the Commission on Collegiate Nursing Education (<http://www.aacn.nche.edu/ccne-accreditation/>)

Nursing (<https://catalog.csusb.edu/colleges-schools-departments/natural-sciences/nursing/nursing-ms/>)

with concentrations in

- Nurse Educator
- Advanced Community/Public Health Nursing
- Population-Based Nursing

Certificates

- Advanced Community/Public Health Nursing (<https://catalog.csusb.edu/colleges-schools-departments/natural-sciences/nursing/public-health-certificate/>)
- Nurse Educator (<https://catalog.csusb.edu/colleges-schools-departments/natural-sciences/nursing/nur-edu-cert/>)

Courses

NURS 2602. Foundational Concepts in Professional Nursing. Units: 2

Semester Prerequisite: Admission to the nursing major, PSYC 2201.

Quarter Prerequisite: Admission to the nursing major

Semester Corequisite: NURS 2821, NURS 3016

Introduction to the profession of nursing including its history, educational preparation, scope of professional practice, Code of Ethics, commitment to patient-centered care, theoretical and scientific underpinnings of nursing, clinical reasoning using the nursing process, situation within the larger healthcare system, and patient care priorities including safety and quality. Formerly NURS 202; students may not earn credit in both courses. Department consent required.

NURS 2821. Foundational Theory and Skills for Nursing Practice. Units: 6

Semester Prerequisite: Admission to nursing major and BIOL 2200, BIOL 2230, BIOL 2240, PSYC 2201. Quarter Prerequisite: Admission to nursing major and BIOL 220, BIOL 223, BIOL 224

Semester Corequisite: NURS 2602, 3016

Theoretical background of foundational clinical nursing concepts appropriate to care of a wide range of patient populations. Emphasis on patient safety, infection control, patient teaching, clinical skill development, professional communication, and clinical reasoning. Application of the nursing process to promote physiologic function and overall health and well-being, manage symptoms, restore function, and cope with illness. Formerly NURS 200 and 201. Students may not earn credit in NURS 2821 after completing NURS 200 and 201. Department consent required. Materials fee required. Three hours lecture, six hours lab.

NURS 3010. Role Transition to Professional Nursing Practice. Units: 3

Semester Prerequisite: Licensure as a Registered Nurse (RN). Quarter Prerequisite: Licensure as a Registered Nurse (RN)

Provides the student with the conceptual base for the practice of nursing, built around a core of theories and key concepts, to facilitate transition of the Registered Nurse to baccalaureate-prepared nursing practice. Focus is on the roles of the professional nurse as advocate, educator, provider and coordinator of care. Students will explore and apply concepts and theories related to professional nursing practice with individuals, families, communities, and populations in various settings and across the lifespan. Critical reading, discussion, and writing assignments on application of theories and concepts related to patient care in clinical settings. Previously offered as NURS 310. Students may not earn credit in both courses. Enrollment restricted to Registered Nurses, RNs. Department Consent required. Satisfies the Upper-division Writing Intensive GE requirement for nursing students.

NURS 3016. Health Assessment. Units: 3

Semester Prerequisite: Admitted to the nursing major. BIOL 2200, BIOL 2230, BIOL 2240, PSCY 2201. Quarter Corequisite: NURS 202. Quarter Prerequisite: Admitted to the nursing major. BIOL 220, BIOL 223, BIOL 224, PSYC 201

Semester Corequisite: NURS 2602, NURS 2821

Theory and practice of health assessment for nurse generalist practice. Holistic, culturally and developmentally sensitive approaches to assessment across lifespan emphasized, including professional communication, establishing therapeutic relationships, health promotion, recognition of normal and abnormal findings, and referral. Formerly NURS 316, students may not earn credit in both courses. Department consent required. Materials fee required. One hour lecture, six hours lab.

NURS 3026. Health Assessment RN. Units: 3

Semester Prerequisite: Enrollment restricted to Registered Nurses or students admitted to the RN to BSN program track and BIOL 2200, BIOL 2230, BIOL 2240. Quarter Prerequisite: BIOL 220, BIOL 223, BIOL 224
Focuses on theoretical and clinical knowledge required to complete a comprehensive health assessment across the lifespan. Emphasis on health promotion, disease prevention, and risk assessment. Clinical practice of health assessment including history taking, physical examination and documentation of findings, interpretation of findings, psychosocial assessment techniques, and health promotion across the lifespan. Enrollment restricted to Registered Nurses or students admitted to the RN to BSN program track. Formerly offered as NURS 325, students may not earn credit in both courses. Department consent required. Materials fee required. (1.5 hours seminar, 4.5 hours lab per week).

NURS 3080. Pathophysiologic Concepts for Nursing Practice. Units: 3

Semester Prerequisite: BIOL 2230, BIOL 2240; NURS 3016. Quarter Prerequisite: BIOL 223, BIOL 224; NURS 316

Semester Corequisite: NURS 3082, NURS 3221

Pathophysiologic concepts with an emphasis on effects of pathophysiologic disruptions on normal system functioning across the lifespan. Application of genetic and epigenetic concepts to understanding of disease. Formerly NURS 380; students may not earn credit in both courses. Department consent required.

NURS 3082. Pharmacology and Therapeutics for Nursing Practice. Units: 3

Semester Prerequisite: CHEM 2070; NURS 3016, NURS 2821. Quarter Prerequisite: CHEM 205; NURS 316, NURS 200 & 201

Semester Corequisite: NURS 3080, NURS 3221

Pharmacology concepts. Emphasis on principles of pharmacology and drug therapy across the lifespan, with a focus on nursing roles and responsibilities. Application of pharmacogenetic concepts to understanding of drug therapy. Formerly NURS 382; students may not earn credit in both courses. Department consent required.

NURS 3100. Pathophysiology and Pharmacology. Units: 4

Semester Prerequisite: BIOL 2200; BIOL 2230; BIOL 2240. Quarter Prerequisite: BIOL 220; BIOL 223; BIOL 224

Systematic review of the principles of pharmacology with a focus on specific pharmacological agents in relation to effects on body systems. Review of related pathophysiological disruptions to normal system functioning and the impact of these alterations on the individual throughout the life span. Includes focus on genetics and disease, and pharmacogenetics. Provides pathophysiological rationale for interprofessional and nursing interventions. Previously offered as NURS 330; students may not earn credit in both courses. Enrollment restricted to Registered Nurses or students admitted to the RN to BSN program track. Department consent required.

NURS 3221. Nursing Care of Adults & Older Adults I. Units: 6

Semester Prerequisite: NURS 2602, NURS 2821. Quarter Prerequisite: NURS 202, NURS 200, NURS 201

Semester Corequisite: NURS 3080, NURS 3082

Introduction and application of medical-surgical nursing theory in the care of adults and older adults experiencing acute and chronic diseases and illness. Includes clinical skill development and application of clinical reasoning using the nursing process. Emphasis on nursing care in collaboration with the interprofessional team, culturally sensitive care, health promotion within illness, patient education for self-management. Formerly NURS 220 and 221. Students may not earn credit in NURS 3221 after completing NURS 220 and 221. Department consent required. Materials fee required. Three hours lecture, nine hours lab.

NURS 3530. Global Nursing. Units: 3

International health concerns affecting the delivery of nursing and health care in the U.S. and around the world. Investigation of global health issues and effective solutions to promote health of populations. Formerly offered as NURS 353; students may not earn credit for both courses. Department consent required.

NURS 3610. Patient Education, Health Promotion and Care Coordination. Units: 3

Integration, application and evaluation of health education, health promotion, health behavior change, and self-management theory, research, and interventions in nursing practice. Explores effects of developmental, motivational, and sociocultural factors on health behavior change. Additional focus on care coordination and case management models, nursing roles, and strategies used for interprofessional management of high-risk and chronically ill populations in community settings. Emphasis on providing comprehensive care coordination, brokerage, monitoring, discharge planning, patient/family advocacy, and direct care. Formerly offered as NURS 360; students may not earn credit in both courses. Enrollment restricted to students admitted to the RN to BSN Program Track. Department consent required.

NURS 3633. Nursing Care of Children & Families. Units: 5

Semester Prerequisite: NURS 3080, NURS 3082, NURS 3221. Quarter Prerequisite: NURS 380, NURS 382, NURS 220 and 221

Semester Corequisite: NURS 3635, NURS 3640

Introduction and application of child and family theory in family-centered culturally sensitive care of children and adolescents. Includes clinical skill development and application of clinical reasoning using the nursing process. Focus on growth and development, common acute and chronic illnesses. Formerly NURS 332 and 333. Students may not earn credit in NURS 3633 after completing NURS 332 and 333. Department consent required. Materials fee required. Three hours lecture, six hours clinical lab.

NURS 3635. Nursing Care of Women, Infants, & Families. Units: 5

Semester Prerequisite: NURS 3080, NURS 3082, NURS 3221. Quarter Prerequisite: NURS 380, NURS 382, NURS 220 & 221

Semester Corequisite: NURS 3633, NURS 3640

Introduction and application of maternal-child nursing and family theory in family-centered perinatal care for mother, neonate, and family. Focus on culturally-sensitive health promotion for pregnant women and neonates, and risk reduction and management of normal and high-risk pregnancy, labor, delivery, and neonatal care. Includes clinical skill development and application of clinical reasoning using the nursing process. Formerly NURS 334 and 335; students may not earn credit in NURS 3635 after completing NURS 334 and 335. Department consent required. Materials fee required. Three hours lecture, six hours clinical lab.

NURS 3640. Introduction to Theories of Nursing & Health. Units: 3

Semester Prerequisite: NURS 2602. Quarter Prerequisite: NURS 202

Semester Corequisite: NURS 3633, NURS 3635

Introduction to nursing theories, nursing conceptual models, and borrowed theories pertinent to professional nursing practice. Focus on relationship of theory to nursing research and practice, application of theories to selected clinical practice situations. Critical reading, discussion, and writing assignments on application of theories and concepts related to patient care. Satisfies GE WI designation. Formerly NURS 340. Students may not earn credit for both courses. Department consent required.

NURS 3960. Selected Topics in Nursing. Units: 2

Quarter Prerequisite: Consent of department chair prior to registration
Investigation of selected nursing topics. May be repeated for credit as topics change. Department consent required.

NURS 4222. Nursing Research and Evidence-Based Practice. Units: 3

Semester Prerequisite: MATH 1201, for students in the prelicensure BSN program track, NRSRG, NURS 3640. Quarter Prerequisite: MATH 165, for students in the RN to BSN program track, NURS 340

Semester Corequisite: For students in the Prelicensure BSN program track, NRSRG, NURS 4415, NURS 4417

Introduction to the research process and research utilization in nursing. Emphasis on quantitative and qualitative research methods and designs commonly used in the discipline of nursing and in health care. Focus on standards for ethical research. Skill development in reading, analyzing and critiquing nursing research reports. Additional emphasis on the elements of evidence-based practice as a research application endeavor. Formerly offered as NURS 422 in the prelicensure BSN program track and as NURS 343 and as NURS 447 in the RN to BSN program track. Students may not earn credit for NURS 4222 after completing NURS 422 or NURS 343 or NURS 447. Department consent required. Satisfies the Upper Division Scientific Inquiry GE requirement B, for nursing students.

NURS 4415. Psychiatric & Mental Health Nursing Practice. Units: 5

Semester Prerequisite: NURS 3221, NURS 3633, NURS 3635. Quarter Prerequisite: NURS 220 and NURS 221, NURS 332 and NURS 333, NURS 334 and 335

Semester Corequisite: NURS 4417, NURS 4222

Introduction and application of theories of psychiatric/mental health nursing. Emphasis on mental health promotion and early intervention, mental health care in the United States, culturally sensitive nursing care of common acute and chronic psychiatric and mental health conditions in individuals across the lifespan and in the context of families and social systems. Focus on skill development and application of clinical reasoning using the nursing process. Formerly NURS 400 and NURS 415; students may not earn credit in NURS 4415 after completing NURS 400 and NURS 415. Department consent required. Materials fee required. Three hours lecture, six hours clinical lab.

NURS 4417. Community & Public Health Nursing Practice. Units: 5

Semester Prerequisite: NURS 3221, NURS 3633, NURS 3635. Quarter Prerequisite: NURS 220 and 221, NURS 332 and 333, NURS 334 and 335

Semester Corequisite: NURS 4222, NURS 4415

Focuses on the professional nurse's role in working with culturally diverse populations in the community, exploring contemporary public health problems, and working collaboratively with the community as part of the interprofessional team. Introduction to and application of social and health promotion theories and frameworks that guide community-based, population focused practice and research. Skill development in community assessment, program planning, and interventions to help identified populations within the community achieve and maintain their optimal level of health. Attention to social determinants of health and relevant health policy. Formerly NURS 406 and NURS 417. Students may not earn credit in NURS 4417 after completing NURS 406 and NURS 417. Department consent required. Materials fee required. Three hours lecture, six hours clinical lab. Satisfies the Upper Division Social Sciences GE requirement D, for nursing students.

NURS 4510. Community/Public Health Promotion. Units: 3

Semester Prerequisite: NURS 3026, NURS 3100, NURS 3610. Quarter Corequisite: NURS 451. Quarter Prerequisite: NURS 325, NURS 330, NURS 360

Semester Corequisite: NURS 4512

Focuses on the professional nurse's role in working with culturally diverse populations in the community, exploring contemporary public health problems, and working collaboratively with the community as part of the interprofessional team. Includes social and health promotion theories and frameworks that guide community based, population focused practice and research to develop skills in community assessment, program planning, and interventions to help identified populations within the community achieve and maintain their optimal level of health. Attention to social determinants of health and relevant health policy. Formerly offered as NURS 450. Students may not earn credit in both courses. Enrollment restricted to Registered Nurses admitted to the RN to BSN program track. Department consent required. Satisfies the UD Social Sciences GE requirement D for nursing students.

NURS 4512. Community/Public Health Promotion Practicum. Units: 3

Semester Prerequisite: NURS 3026, NURS 3100, NURS 3610. Quarter Corequisite: NURS 422, NURS 450. Quarter Prerequisite: NURS 325, NURS 330, NURS 360

Semester Corequisite: NURS 4222, NURS 4510

Application of skills to promote the health of culturally diverse communities and coordinate care of chronically ill, high-risk, and vulnerable populations in the community setting. Focuses on community- and population-level care delivery. Emphasis on community-level interventions for primary and secondary prevention. Additional emphasis on population-level care for maximizing functional and self-care ability, symptom management, improvement of quality of life, and reduction of need for hospitalization. Implementation of nursing care coordination/ case management strategies and interventions is emphasized, including efficient, effective and comprehensive care coordination, brokerage, monitoring, and patient education. Formerly offered as NURS 451. Students may not earn credit in both courses. Enrollment restricted to Registered Nurses admitted to the RN-to-BSN program track. Department consent required. One hour seminar, six hours clinical lab. Materials fee required.

NURS 4610. Nursing Leadership. Units: 3

Semester Prerequisite: NURS 3026, NURS 3100. Quarter Prerequisite: NURS 325; NURS 330

Semester Corequisite: NURS 4612

Organizational theory and management practices applied to health care systems. The role of the nurse manager as leader and change agent in the delivery of care to patient groups, populations and communities within complex and diverse health care settings. Strategies for leading and managing practice changes are explored. Contemporary issues affecting the delivery of health care and the discipline and professional practice of nursing are explored. Formerly offered as NURS 460, students may not earn credit in both courses. Enrollment restricted to Registered Nurses admitted to the RN to BSN program track. Department consent required.

NURS 4612. Nursing Leadership Practicum. Units: 2

Semester Prerequisite: NURS 3026, NURS 3100, NURS 4222. Quarter Corequisite: NURS 310; NURS 460. Quarter Prerequisite: NURS 325; NURS 330, NURS 447

Semester Corequisite: NURS 3010; NURS 4610

Application of organizational, leadership, and management theory in health care settings. Development of skills and competencies for the nurse leader and manager across health care settings. Operationalizes the role of the nurse as leader and change agent in the delivery of care to patient groups, populations and communities within complex and diverse health care settings. Formerly offered as NURS 461; students may not earn credit in both courses. Enrollment restricted to Registered Nurses admitted to the RN to BSN program track. Department consent required. Materials fee required.

NURS 4833. Nursing Care of Adults & Older Adults II. Units: 7

Semester Prerequisite: NURS 3221, NURS 4222. Quarter Prerequisite: NURS 320 and NURS 323, NURS 422

Semester Corequisite: NURS 4840, NURS 4920

Continued application of medical surgical nursing theory and current evidence to the care of adults and older adults experiencing high acuity, complex acute and chronic diseases. Application of clinical reasoning using the nursing process. Emphasis on continued clinical skill development and acute intervention for critical illness as well as management of complex chronic disease, reduction of morbidity and disability, the nursing role in palliative and end of life care and organ donation. Formerly NURS 320 and 323. Students may not earn credit in NURS 4833 after completing NURS 320 and NURS 323. Department consent required. Materials fee required. Three hours lecture, twelve hours clinical lab.

NURS 4840. Leadership & Management in Nursing. Units: 3

Semester Prerequisite: NURS 3640 and NURS 4222. Quarter Prerequisite: NURS 340 and NURS 422

Semester Corequisite: NURS 4833 and NURS 4920

Introduction to management, leadership, organizational systems, and change theory. Emphasis on the role of the nurse, individually and collectively, within organizations and within the greater sociopolitical context, in ethically leading change to improve health care access, care quality and safety, and health outcomes. Application of strategies for leading and managing change, with a focus on evidence-based practice improvements in selected health care settings. Formerly NURS 404; students may not earn credit in both courses. Department consent required.

NURS 4920. Integration of Knowledge for Professional Nursing Practice. Units: 2

Semester Prerequisite: NURS 4415, NURS 4417. Quarter Prerequisite: NURS 400, NURS 406

Semester Corequisite: NURS 4833, NURS 4840

Integration of core nursing concepts, theories, and competencies in preparation for transitioning to professional nursing practice. Department consent required. Formerly NURS 402; students may not earn credit for both courses.

NURS 5411. Advanced Health Assessment Across the Life Span. Units: 3

Semester Prerequisite: NURS 5422 Advanced Pathophysiology. Quarter Prerequisite: Permission of the Nursing Department
Advanced competency in health assessment, including health history, interviewing, review of systems, and a comprehensive physical examination for persons across the lifespan. Based on a foundation of anatomy, physiology, pathophysiology, oral and written communication skills, and clinical application of the nursing process for nurses in advanced roles. Formerly offered as NURS 541, students may not earn credit for both courses. Department consent required. Two hours seminar; three hours practicum per week.

NURS 5422. Advanced Pathophysiology. Units: 3

Quarter Prerequisite: Permission of the Nursing Department
Principles of advanced pathophysiology as the foundation for recognizing and appropriately interpreting changes in normal function, including symptom recognition and diagnostic markers of illness. Topics include pathophysiology of disorders of all body systems, with an emphasis on prevalent conditions. Formerly offered as NURS 542; students may not earn credit in both courses. Department consent required.

NURS 5433. Advanced Pharmacology. Units: 3

Semester Prerequisite: NURS 5411 and NURS 5422. Quarter Prerequisite: permission of the Nursing Department
Pharmacologic principles applied to advanced clinical nursing practice with diverse populations. Topics include pharmacotherapy of cardiovascular, psychiatric, endocrine, respiratory, gastrointestinal, bone and joint, infectious, reproductive, and dermatological disorders. Introduction to clinical toxicology. Formerly offered as NURS 543; students may not earn credit in both courses. Department consent required.

NURS 5951. Independent Study. Unit: 1

Semester Prerequisite: Overall GPA of 3 or better. Quarter Prerequisite: Minimum overall grade point average of 3
Research conducted under the direction of a faculty member. Written project proposal required, filed and approved before registration for the course. Instructor consent and department consent required. A total of three units from NURS 5951 and/or 5952 may be applied toward graduation. Formerly NURS 595A.

NURS 5952. Independent Study. Units: 2

Semester Prerequisite: Minimum overall grade point average of 3. Quarter Prerequisite: Minimum overall grade point average of 3
Research conducted under the direction of a faculty member. Approval of a written project proposal required before registration for the course. Instructor consent and department consent required. May be repeated up to two times; a total of three units from NURS 5951 and/or NURS 5952 may be applied toward graduation. Formerly NURS 595B.

NURS 6000. Population Health Assessment. Units: 4

Semester Prerequisite: NURS 6455 Advanced Nursing Research. Quarter Prerequisite: classified graduate standing in MSN program and current RN licensure and consent of the department
Examines strategies and processes for assessing the health of communities, including environmental health and access to health care. Analysis of theoretical frameworks and assessment models applicable to population health assessment. Consideration of health issues faced by special populations. Formerly offered as NURS 600; student may not earn credit in both courses. Department consent required. Two hours seminar and six hours practicum per week.

NURS 6011. Preparation for Success in Graduate Education. Unit: 1

Quarter Prerequisite: consent of department
Overview of technologies used for graduate education, research, and writing. Emphasis on applications for learning, library research, and scholarly writing. Formerly offered as NURS 601, students may not earn credit in both courses. Department consent required.

NURS 6100. Program Planning and Evaluation. Units: 4

Semester Prerequisite: NURS 6000 Population Health Assessment. Quarter Prerequisite: NURS 600, current RN licensure and consent of department
Program planning, implementation and evaluation to improve health and meet health care needs of populations. Includes fiscal management and identifying grant sources. Formerly offered as NURS 610; students may not earn credit in both courses. Department consent required. Two hours seminar and six hours practicum per week.

NURS 6200. Health Policy Leadership. Units: 2

Quarter Prerequisite: NURS 610, current RN licensure, and consent of department
Social, ethical, political, economic, and ideological forces that shape health policy and law. Informed participation in interdisciplinary policy-making processes; impact of health policy on professional practice. Emphasis on leadership skills to champion solutions for health. Formerly offered as NURS 620; students may not earn credit in both courses. Department consent required.

NURS 6308. Advanced Nursing Roles. Unit: 1

Quarter Prerequisite: Consent of department
Overview of advanced nursing roles and elements of advanced nursing practice, including: expert clinical practice, education, research application, interprofessional collaboration, coaching, consultation, and leadership. Formerly offered as NURS 630; students may not earn credit in both courses. Department consent required. Materials fee required.

NURS 6355. Biostatistics. Units: 3

Quarter Prerequisite: Consent of department
Statistical knowledge and tools including the basic concepts of biostatistics, quantitative methodology in epidemiology, clinical applications for evidence based practice, and statistical utility for decision making. Introduction to statistical analysis software; the process of instrument development, validity and reliability assessment, and pilot testing; decision theory; the analysis and evaluation of the methods, results and discussion sections of a research report. Department consent required. Formerly offered as NURS 635, students may not receive credit for both courses.

NURS 6425. Epidemiology & Biostatistics. Units: 4

Fundamentals of epidemiology and biostatistics as they relate to assessing and improving the health of populations. Examination of determinants of health and illness; factors contributing to health promotion, disease prevention, and use of health services. Statistical theory and methods for epidemiologic research; analysis and evaluation of public/population health research. Introduction to statistical analysis software. Formerly offered in separate courses, NURS 646 Epidemiology and NURS 635 Biostatistics. Credit for NURS 6425 may not be earned after completion of both NURS 646 and NURS 635. Department consent required.

NURS 6435. Health Informatics. Units: 3

Semester Prerequisite: NURS 6425 Epidemiology & Biostatistics Principles and practices of health information systems, including administrative and clinical information systems, with applications for population health promotion, disease management, reduction of disparities, and quality and safety management. Emphasis on fundamental skills/competencies for information retrieval, data analysis, data visualization. Consideration of legal and ethical issues. Department consent required.

NURS 6455. Advanced Nursing Research. Units: 3

Semester Prerequisite: NURS 6011 Preparation for Success in Graduate Education; NURS 6558 Advanced Nursing Theory. Quarter Prerequisite: Consent of department

Overview of the research process including developing the research question, literature review, research design, sampling, data collection, and data analysis. Consideration of advanced nursing role in evidence-based practice. Use of meta-analysis, odds ratio, and risk ratio methods in population health research. Consideration of research ethics including human subjects' protection. Formerly offered as NURS 645; students may not earn credit in both courses. Department consent required.

NURS 6466. Epidemiology. Units: 3

Quarter Prerequisite: Consent of the department

Examination of the distribution and determinants of health and illness; factors contributing to health promotion and disease prevention; and factors influencing the use of health services. Examination of the terms and methods used to describe the health status of populations and investigate disease. Emphasizes a local to global perspective including implications for health care delivery, evaluation, and health policy. Department consent required. Formerly offered as NURS 646; students may not receive credit for both courses.

NURS 6548. Transcultural Healthcare. Units: 3

Quarter Prerequisite: Consent of department

Culturally sensitive assessment, planning, implementation and evaluation strategies for disease prevention and health promotion in diverse communities. Consideration of behaviors and views unique to how cultures impact health and equity. Formerly offered as NURS 654; students may not earn credit in both courses. Department consent required.

NURS 6558. Advanced Nursing Theory. Units: 2

Quarter Prerequisite: Classified standing in the MSN program or consent of department

Examines nursing knowledge in the context of history, philosophical perspectives, major influences, and current professional issues. Theoretical foundations of nursing as applied to the health and care of select populations. Formerly offered as NURS 655; students may not earn credit in both courses. Department consent required.

NURS 6575. Quality, Safety, Outcomes, & Case Management. Units: 3

Semester Prerequisite: NURS 6525 Epidemiology & Biostatistics; NURS 6435 Health Informatics

Foundations of quality, safety, outcomes, and case management. Principles, processes, and skills/competencies related to quality, safety, outcomes, and case management. Emphasis on legal and ethical issues, leadership skills, and tools and technology. Department consent required.

NURS 6585. Organizational Leadership for Population Health. Units: 3

Semester Prerequisite: NURS 6575

Theory and principles of organizational leadership applied to promote the health of populations. Emphasis on leadership competencies including communication, knowledge of the health care environment including economics and policy, systems thinking, change management, and foundational business skills. Legal and ethical implications of population health for the organization. Department consent required. Two hours seminar; three hours practicum per week.

NURS 6588. Nursing Education: Curriculum and Instruction. Units: 3

Semester Prerequisite: NURS 6455. Quarter Prerequisite: Consent of department

Teaching-learning theory as a basis for curriculum development, instruction, and facilitation of learner development. Focus on curriculum development, course and lesson planning, and evidence-based and instructional methodologies. Ethical and professional issues in education considered. Formerly offered as NURS 658; may not earn credit in both courses. Department consent required.

NURS 6598. Nursing Education: Assessment and Evaluation. Units: 3

Semester Prerequisite: NURS 6588. Quarter Prerequisite: NURS 658 and consent of department

Assessment and evaluation theories and strategies applied to evaluation of learner outcomes and program outcomes. Accreditation standards and processes examined within the context of continuous quality improvement. Formerly offered as NURS 659; students may not earn credit in both courses. Department consent required.

NURS 6608. Nursing Education: Technology for Instruction & Evaluation. Units: 3

Semester Prerequisite: NURS 6588. Quarter Prerequisite: NURS 658 and consent of department

Semester Corequisite: NURS 6588

Overview of instructional technologies that support the teaching, learning, assessment, and evaluation processes. Formerly offered as NURS 660; students may not earn credit in both courses. Department consent required.

NURS 6752. Advanced Community/Public Health Internship. Units: 2

Semester Prerequisite: NURS 6000, NURS 6100, NURS 6435, NURS 6548. Quarter Prerequisite: Consent of the Department of Nursing
Semester Corequisite: NURS 6100, NURS 6548

Application of advanced community/public health nursing in diverse settings allowing for a population-focused practice. 90 clinical hours. Graded credit/no credit. Formerly offered as NURS 681; students may not earn credit for both courses. Department consent required.

NURS 6754. Advanced Community/Public Health Internship II. Units: 2

Semester Prerequisite: NURS 6752. Quarter Prerequisite: Consent of Department of Nursing

Clinical application of advanced community/public health nursing in diverse settings allowing for a population-focused practice. 90 clinical hours. Graded credit/no credit. Department consent required. Formerly offered as NURS 682. Students may not receive credit for both courses.

NURS 6880. Advanced Role Practicum. Units: 2

Semester Prerequisite: NURS 6100, NURS 6752, NURS 6585, NURS 6598. Quarter Prerequisite: Consent of department
Semester Corequisite: NURS 6608

Integration and application of advanced nursing knowledge from MS in Nursing core and concentration courses. Practicum activities permit demonstration of core MS in Nursing competencies as well as competencies specific to the student's selected concentration. Formerly offered as NURS 688. May be repeated for credit if applied toward an additional concentration or a post-master's certificate in a concentration other than one previously earned. Graded credit/no credit. Department consent required. Six hours practicum per week.

NURS 6901. Preparation for Comprehensive Examination. Unit: 1

Semester Prerequisite: Advancement to candidacy. Quarter Corequisite: NURS 999. Quarter Prerequisite: Advancement to candidacy
Semester Corequisite: NURS 6980

Independent review conducted under the direction of a faculty member to prepare for comprehensive examinations in the Master of Science in Nursing. Formerly offered as NURS 690; students may not earn credit in both courses. Department consent required.

NURS 6980. Comprehensive Examination. Units: 0

Semester Prerequisite: Advancement to candidacy. Quarter Corequisite: Consent of department. Quarter Prerequisite: Consent of department
Semester Corequisite: NURS 6901

An integrative, written examination designed to assess student's ability to think critically, integrate knowledge of the discipline of nursing, and demonstrate mastery of core and specialty/concentration competencies. Formerly offered as NURS 999; students may not earn credit in both courses. Graded credit/no credit. Department consent required.

NURS 6990. Continuous Enrollment for Graduate Candidacy Standing. Units: 0

Quarter Prerequisite: advancement to candidacy and approval of program graduate coordinator or, if an interdisciplinary studies major, consent of the Dean of Graduate Studies

Independent study leading to completion of requirements (other than course work) for the master's degree. To retain classified standing in the master's program, a student must enroll in a Continuous Enrollment for Graduate Candidacy Standing course each quarter until the project or thesis is accepted or the comprehensive examination passed. Students who enroll through the university have full use of all university facilities. See Culminating Experience: Exam, Thesis, or Project in Graduate Degree and Program Requirements section of the Bulletin of Courses. Continuous Enrollment for Graduate Candidacy Standing is a variable unit course, see fee schedule in the Financial Information section of the Bulletin of Courses. Earned units are not degree-applicable nor will they qualify for financial aid.

NURS 6991. Continuous Enrollment for Graduate Candidacy Standing. Unit: 1

Quarter Prerequisite: Advancement to candidacy and approval of program graduate coordinator or, if an interdisciplinary studies major, consent of the Dean of Graduate Studies

Independent study leading to completion of requirements (other than course work) for the master's degree. To retain classified standing in the master's program, a student must enroll in a Continuous Enrollment for Graduate Candidacy Standing course each quarter until the project or thesis is accepted or the comprehensive examination passed. Students who enroll through the university have full use of all university facilities. See Culminating Experience: Exam, Thesis, or Project in Graduate Degree and Program Requirements section of the Bulletin of Courses. Continuous Enrollment for Graduate Candidacy Standing is a variable unit course, see fee schedule in the Financial Information section of the Bulletin of Courses. Earned units are not degree-applicable nor will they qualify for financial aid.

NURS 6992. Continuous Enrollment for Graduate Candidacy Standing. Units: 2

Quarter Prerequisite: advancement to candidacy and approval of program graduate coordinator or, if an interdisciplinary studies major, consent of the Dean of Graduate Studies

Independent study leading to completion of requirements (other than course work) for the master's degree. To retain classified standing in the master's program, a student must enroll in a Continuous Enrollment for Graduate Candidacy Standing course each quarter until the project or thesis is accepted or the comprehensive examination passed. Students who enroll through the university have full use of all university facilities. See Culminating Experience: Exam, Thesis, or Project in Graduate Degree and Program Requirements section of the Bulletin of Courses. Continuous Enrollment for Graduate Candidacy Standing is a variable unit course, see fee schedule in the Financial Information section of the Bulletin of Courses. Earned units are not degree-applicable nor will they qualify for financial aid.

NURS 6993. Continuous Enrollment for Graduate Candidacy Standing. Units: 3

Quarter Prerequisite: advancement to candidacy and approval of program graduate coordinator or, if an interdisciplinary studies major, consent of the Dean of Graduate Studies

Independent study leading to completion of requirements (other than course work) for the master's degree. To retain classified standing in the master's program, a student must enroll in a Continuous Enrollment for Graduate Candidacy Standing course each quarter until the project or thesis is accepted or the comprehensive examination passed. Students who enroll through the university have full use of all university facilities. See Culminating Experience: Exam, Thesis, or Project in Graduate Degree and Program Requirements section of the Bulletin of Courses. Continuous Enrollment for Graduate Candidacy Standing is a variable unit course, see fee schedule in the Financial Information section of the Bulletin of Courses. Earned units are not degree-applicable nor will they qualify for financial aid.

NURS 6994. Continuous Enrollment for Graduate Candidacy Standing. Units: 4

Quarter Prerequisite: advancement to candidacy and approval of program graduate coordinator or, if an interdisciplinary studies major, consent of the Dean of Graduate Studies

Independent study leading to completion of requirements (other than course work) for the master's degree. To retain classified standing in the master's program, a student must enroll in a Continuous Enrollment for Graduate Candidacy Standing course each quarter until the project or thesis is accepted or the comprehensive examination passed. Students who enroll through the university have full use of all university facilities. See Culminating Experience: Exam, Thesis, or Project in Graduate Degree and Program Requirements section of the Bulletin of Courses. Continuous Enrollment for Graduate Candidacy Standing is a variable unit course, see fee schedule in the Financial Information section of the Bulletin of Courses. Earned units are not degree-applicable nor will they qualify for financial aid.

NURS 6996. Continuous Enrollment for Graduate Candidacy Standing. Units: 6

Quarter Prerequisite: advancement to candidacy and approval of program graduate coordinator or, if an interdisciplinary studies major, consent of the Dean of Graduate Studies

Independent study leading to completion of requirements (other than course work) for the master's degree. To retain classified standing in the master's program, a student must enroll in a Continuous Enrollment for Graduate Candidacy Standing course each quarter until the project or thesis is accepted or the comprehensive examination passed. Students who enroll through the university have full use of all university facilities. See Culminating Experience: Exam, Thesis, or Project in Graduate Degree and Program Requirements section of the Bulletin of Courses. Continuous Enrollment for Graduate Candidacy Standing is a variable unit course, see fee schedule in the Financial Information section of the Bulletin of Courses. Earned units are not degree-applicable nor will they qualify for financial aid.