SCHOOL OF NURSING

Undergraduate Courses

NURS 3001  Introduction to Health Assessment  3.0 cr.
This course introduces skills of health assessment of persons across the lifespan. Content will be presented in didactic sessions and application will occur in laboratory.

NURS 3002  Fundamentals of Nursing  4.0 cr.
This course focuses on nursing interventions of the art and science of human care, as foundations to reflective nursing practice. Content focuses on clinical judgment, basic nursing principles, key nursing interventions, facilitating health and understanding the patient as recipient-participant. Human care concepts are integrated throughout the clinical content of the course. with human care concepts integrated throughout the clinical content.

NURS 3003  Pharmacology  3.0 cr.
Prereq: NURS 3001, NURS 3103.
Lecture course of introductory pharmacology including general concepts (pharmacokinetics, pharmacodynamics, developmental pharmacology, interactions, adverse effects), and overview of major drug groups following a body systems approach. Autonomic system pharmacology and implications for monitoring, drug administration, and patient education emphasized.

NURS 3103  Pathophysiology  3.0 cr.
Course is divided into two content areas: general concepts and specific disease processes. General concepts include the topics of cellular environment, genetics, stress and disease, immunity, inflammation, and cellular proliferation. Exemplar disease processes from the major organ systems are presented.

NURS 3307  Nursing Care of Childbearing Families  6.0 cr.
Prereq: NURS 3001, NURS 3002, NURS 3003, NURS 3013.
Course focuses on application of knowledge to clinical practice relating to care of childbearing families. Students explore factors affecting individuals and families during the experience of childbirth within the context of clinical judgment and critical thinking from a caring framework.

NURS 3407  Nursing Care of Children & Adolescents  6.0 cr.
Prereq: NURS 3002, NURS 3103, NURS 3999.
Nursing process directed toward health promotion and maintenance, disease prevention and health restoration for the child, adolescent and family is utilized in clinical practice, laboratory experience and class. Subsystem/pattern variation receives particular emphasis.

NURS 3507  Mental Health Nursing  6.0 cr.
Prereq: NURS 3001, NURS 3002, NURS 3003, NURS 3103, NURS 3999.
Focuses on nursing care of adolescents and adults in promotion and restoration of mental health within a variety of clinical settings. Assessments and treatment approaches based on nursing diagnosis and DSM IV classifications will be incorporated into class lectures and clinical practice.

NURS 3999  Nursing Care of Adults and Older Adults  6.0 cr.
Prereq: NURS 3002, NURS 3003, NURS 3103.
Nursing care of adults and older adults directed toward health promotion, disease prevention, maintenance and restoration of health emphasized in both theory and clinical practice. The concepts of health, illness, healing, and dying are investigated from a human science/caring perspective.

NURS 4020  Nursing Research  3.0 cr.
Prereq: Undergraduate statistics course.
Introduces foundational concepts of nursing research and promotes the development of the student as a research consumer. The ability to critically evaluate research findings and assess their potential use in clinical practice is an integral component of the course.

NURS 4050  Professional Nursing: Reflective Practice, Foci, Issues & Trends  3.0 cr.
Prereq: NURS3001, 3002, 3003, 3103.
This course is one of a two-course sequence designed to enhance professional development. Content includes: historical, philosophical, theoretical, and ethical foundations of nursing; professional issues and trends; and two-selected practice/inquiry foci for theory-based, evidence-guided reflective nursing practice.

Prereq: NURS3001, 3002, 3003, 3103.
This course is designed to introduce professional nursing responsibility and to enhance professional development. Content includes: historical, philosophical, theoretical, and ethical foundations of nursing; social justice and diversity; and professional issues and trends. The course explores practice foci for theory-guided, evidence-based reflective nursing practice.
NURS 4070  Professional Nursing: Environmental Context for Practice: Bioethical & Legal Foundations 3.0 cr.
Examine societal context of nursing practice and health care delivery. Emphasis is given to environmental context of U.S. health care system and bioethical/legal parameters which influence professional nursing practice, and achievement of quality/cost effective outcomes.

NURS 4083  Nutrition & Feeding of Children and Youth 3.0 cr.
This course integrates social justice with reflective practice relationship centered caring and diversity in a community service project with student participation; it consists of an introduction to and reflection on nurses as agents of social justice.

NURS 4097  Nursing Care of Adults with Complex Disease Processes 6.0 cr.
Prereq: NURS 3999.
Nursing Care directed toward maintenance and restoration of health for adults experiencing multiple, complex health alterations in both theory and clinical practice. Advanced concepts in understanding health, illness, dying, and death will be considered using a human science/caring perspective.

NURS 4128  Senior Integrated Practicum  Variable cr.
Synthesis of theory, research, and practice to facilitate clinical reasoning for quality care and clinical outcomes improvement. Leadership and management competencies in organizational skills, communication, conflict management, delegation, interdisciplinary collaboration, and decision-making support successful transition into practice and professional development.

NURS 4207  Public Health Nursing 6.0 cr.
Prereq: NURS 3307, NURS 3407, NURS 3999, NURS 4020.
Students learn the structure and functions of public health services; apply principles of environmental health and epidemiology; provide nursing care to vulnerable and diverse families; and develop and implement a health promotion and/or disease prevention program with a community-based population.

NURS 4303  Nursing Care of Women in High Risk Pregnancies 1.0 cr.
This elective course focuses on nursing care of women in high risk pregnancies. Assessment, care management, critical thinking, and the role of the nurse in the care of high risk pregnant patients are emphasized.

NURS 4403  Critical Care Pediatrics 1.0 cr.
This elective course focuses on nursing management of critically ill, chronically ill and/or other high-risk children. Assessment, care management, critical thinking, and the role of the nurse in the care of high-risk pediatric patients are emphasized.

NURS 4517  Health Assessment 2.0-3.0 cr.
This is a basic health assessment course for students who are enrolled in the UCHSC, RN-BSN program.

NURS 4593  Nursing Care/Case Management 6.0 cr.
Innovative, integrated nursing case/care management models within context of today’s managed care delivery system are considered in this course. Accountability, interdisciplinary collaboration, continuity of care, timeliness, and cost effectiveness of health care delivery are evaluated within the context of care management.

NURS 4727  Independent Study  Variable cr.

NURS 4742  Advanced Concepts in Palliative Care 3.0 cr.
An advanced theory course focusing on a palliative care nursing model. Theory and practice include palliative care assessment, symptom management, advanced communication skills, response to loss, and ethical issues. Students will explore palliative care as acute, restorative, and comfort care with patient/family.

NURS 4745  Complex Symptom Management in Palliative Care Nursing 3.0 cr.
An advanced theory course focusing on complex symptom management in palliative care nursing. Symptom management will include physical, psychosocial, and spiritual interventions. Ethical consideration of comfort vs. care, evidence-based palliative care practices, and the role for the advanced practice nurse will be explored.

NURS 4757  Nursing Summer Externship* 3.0 cr.
Course combines didactic instruction with complex clinical practice to enhance complexity of critical thinking, integration, analysis, and professional clinical judgment skills of students during the delivery of nursing care to individuals/groups of individuals in a variety of practice settings.

NURS 4836  Special Topics*  Variable cr.
This course is a special topic selected each semester.

NURS 4911  Nursing Foundations in Social Justice 1.0 cr.
This course integrates social justice with reflective practice relationship centered caring and diversity in a community service project with student participation; it consists of an introduction to and reflection on nurses as agents of social justice.

*Nursing Electives - offerings contingent on available faculty and sufficient enrollment.

**Note:** Courses in the School of Nursing are offered under a variety of formats. The following legend is placed as a footnote on each semester’s course schedule table to help students know about the courses they are registering for and formats for each of those courses. The letter in the legend corresponds to the first character of the section number. Students are responsible for checking the course schedule carefully, paying special attention to course formats, dates, and locations. All course offerings are subject to change.

- L = Lab
- 0 = Traditional in-class format
- I = Blackboard offering exclusively
- B = Blend of Blackboard offering plus some in-class sessions
- C = Clinical
- T = Telecom

**Doctor of Nursing Practice (DNP) and Nursing Doctorate Courses (N.D.)**

**NUDO 6041** Emerging Therapies & Healing Traditions in Holistic Nursing 2.0 cr.
Coreq: NUDO6055.
A course in emerging therapies and healing traditions is based on the wisdom of indigenous and alternative health care around the world. Advances in application of healing modalities will be introduced including nanotechnology and vibrational therapies. Integration of knowledge and holistic nursing practice will be emphasized.

**NUDO 6052** Context of Patient, Population and Practice Management 6.0 cr.
This course explores innovative and integrative population and disease management care models within the context of today’s health care delivery system. Focus is placed on the individual’s and the agency’s accountability, interdisciplinary collaboration, timeliness, continuity of care, and cost effectiveness. National standards and industry benchmarks are reviewed and used to guide quality improvement initiatives. The clinical experience complements the didactic part of this course. Students will work in a disease management or population management department and develop skills in complex care planning, stratification of populations, organizational assessment, program development, and evaluation. The rapid cycle change process, as a means of initiating program improvement, is introduced and implemented in this course.

**NUDO 6055** Applied Evidence-Based Practice 3.0 cr.
Prereq: NURS6011, NURS6493.
This course focuses on using research and evidence sources, clinical judgment, and patient values and preferences in practice. Advanced skills in critical appraisal and knowledge of organizational culture and change theory are emphasized to support implementation of evidence-driven clinical decisions by the advanced practice nurse.

**NUDO 6057** Designing Theory-Guided Models of Care 2.0 cr.
Prereq: NURS6010.
This course builds on an overview course on nursing philosophy and theory, and focuses on the application of theories in nursing and other disciplines to guide practice and design transformative models of health care. Grand, middle-range and practice level theories will be analyzed for their application potential, and students will develop models for practice in their specialty area based on these theories.

**NUDO 6058** Practice Epistemology: Expanding Ways of Knowing for Reflective Practice 3.0 cr.
Ways of knowing about the human experience of health and illness and the nature and scope of knowledge will be explored. A narrative approach is used to uncover, describe and interpret the meaning of health, illness, and nursing practice.

**NUDO 6059** Cultural Competence for Advanced Practice 2.0 cr.
Addresses cultural perspectives on clinical care, including the frameworks and methods used successfully by clinicians to assess cultural preferences, express expectations, negotiate treatment plans and modify care to accommodate provide-patient differences and patient and family expectations.

**NUDO 7001** Portfolio Evaluation 1.0 cr.
The purpose of the portfolio is to determine specific DNP competencies that have been met through education and experience, and identify those competencies that have yet to be met through degree-specific coursework. The portfolio review is available only for graduates of the University of Colorado’s Nursing Doctorate Program with a Masters in Nursing from any accredited school.

**NUDO 8010** DNP Leadership Role Residency 4.0 cr.
Develop and demonstrate leadership expectations within the framework of Doctor of Nursing Practice role by application of clinical evaluation science to create, implement, and evaluate practice interventions, health delivery systems, and/or clinical teaching.
NUDO 8018  DNP Capstone Clinical Evaluation Project  
Prereq: NURS7018, NUDO6055, 6052 NUDO8010.  
Following completion of NUDO7018 proposal the emphasis in this course is the collection, management, analysis, synthesis, and discussion of research or evaluation data on a clinical research or evidence-based practice question.

NURS 6013  Human Technology Interface  
2.0 cr.  
The analysis of the legal, ethical policy in human interface issues related to the impact of technology on the individual, health care and society.

NURS 6113  Studies in Health Promotion and Lifestyle  
2.0 cr.  
This course critiques health promotion theories and policies, reviews health promotion guidelines across the lifespan. Nursing actions to enhance health promotion, through increasing client knowledge, self care, motivation and adherence are emphasized.

NURS 6303  Epidemiology & Environmental Health  
3.0 cr.  
Concepts and methods of epidemiology are applied to ANP with populations. Agent, host, and environmental factors used to examine environmental risks, issues of environmental justice, and models of care for high-risk populations will be examined and evaluated.

NURS 6304  Management Information for Decision Support  
3.0 cr.  
This course focuses on the identification, acquisition, analysis, interpretation and application of data. Application of decision-making strategies for APN will be emphasized in the areas of quality management and clinical decisions. Information management tools will be explored.

NURS 6305  Health Care Financial Management  
3.0 cr.  
Examines concepts of health care financial management. Tools and techniques which facilitate financial analysis and decision-making for patient care programs across the healthcare continuum are emphasized. Focuses on efficient, effective management of resources for delivery of quality healthcare services.

NURS 6493  Inferential Statistics in Nursing  
3.0 cr.  
Prereq: Elementary statistics course & NURS6011.  
This is an intermediate-level statistics course for nursing graduate students. Topics covered include: correlation, prediction and regression, hypotheses testing, t-testing, ANOVA, and ANCOVA. Material is made relevant to nursing by use of nursing research studies as examples.

NURS 6673  System Assessment, Program Design and Evaluation  
3.0 cr.  
Prereq: NURS 6011.  
Course focuses on theories and frameworks of assessment in communities and organizations. Based on system diagnosis, students develop healthcare programs, implementation and evaluation plans to improve care quality. Students apply acquired competencies to projects relevant to their selected specialty option.

NURS 6761  Advanced Assessment  
3.0 cr.  
Prereq: Basic Assessment.  
Advanced skills in interviewing, physical examination, diagnostic tools, diagnostic thinking and documentation required for APN who provide care for clients across the lifespan. Case study analysis is used to expose students to common complaints seen in their clinical practice settings.

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Graduate (Master’s Level) Courses

See course schedule and course offering plan for mode of delivery and course information – [http://www.uchsc.edu/nursing/studentcentral](http://www.uchsc.edu/nursing/studentcentral). BS in Nursing or permission of instructor is required for enrollment in Master’s Program courses or permission of instructor. Intensive Courses: Intensive courses are short format, less than five weeks. An intensive course may be followed by an optional module or module courses. An intensive course offering that is a prerequisite to other modules/course offerings must be successfully completed with a grade of "B" before the
student can proceed in additional module offerings. Dropping intensive classes: Students who drop from an intensive
class before the second class meeting will not be charged tuition for the intensive class. Students who drop or withdraw
after the second class meeting will be responsible for all tuition and fees. Module Courses: Modules are classes lasting
five or more weeks but less than full term. Some modules may have a required prerequisite intensive or module course,
which must be successfully completed with a minimum grade of "B" before continuing in additional module classes.
Dropping module courses: Tuition will be adjusted if the module course is dropped prior to the third class meeting or after
the second day of class. Students who drop or withdraw after the third class meeting will be responsible for all tuition and
fees.

NURS 6010  Philosophical, Theoretical and Ethical Foundations
for Advanced Practice Nursing 3.0 cr.
The purpose of this course is to introduce concepts of the nursing discipline, reflective practice, and nursing’s
philosophical, theoretical, and ethical frameworks as a foundation for advanced practice.

NURS 6013  Human Technology Interface 2.0 cr.
The analysis of the legal, ethical policy in human interface issues related to the impact of technology on the
individual, health care and society.

NURS6022  Health Systems, Policy and Social Justice 3.0 cr.
This course focuses on leadership in the health care system, policy formation and analysis, economics, finance,
and outcomes. Evaluation of health care provides the context for examining partnerships, models of care, and emerging
ethical, social, political, cultural and legal issues.

NURS 6031  Research Methods for Advanced Practice 4.0 cr.
Prereq: Undergraduate research course and basic statistics course.
This course focuses on research methods applicable to nursing practice. Quantitative and qualitative methods
are presented and discussed in the context of evidence-based practice. Statistics relevant to understanding and
evaluating research findings for advanced nursing practice are explored.

NURS 6053  Gerontological Nursing: Advanced Practice Concepts 3.0 cr.
Course focuses on selected theories, research, and current practice issues relevant to normal changes and
pathological processes prevalent in older adults. Emphasis is placed on psychosocial, cultural, spiritual, environmental,
and physiological concepts related to advanced practice and the older adult.

NURS 6113  Studies in Health Promotion and Lifestyle 2.0 cr.
This course critiques health promotion theories and policies, reviews health promotion guidelines across the
lifespan. Nursing actions to enhance health promotion, through increasing client knowledge, self care, motivation and
adherence are emphasized.

NURS 6120  Foundations for Healing Practice 1.0 cr.
Course explores foundations for health care practice within a caring/healing framework. A fundamental focus of
the course is on renewal and inspiration of health care providers as a crucial element in the creation of a true, healing
health care system.

NURS 6121  Caring Inquiry: Narrative as Exemplar 2.0 cr.
This course emphasizes narrative as an interpretive method (1) for understanding the subjective human
experiences of health, illness, healing, death/dying; and (2) as a basis for caring/healing practice. Discussion includes
narrative theory, selected illness narratives, and implications for praxis.

NURS 6122  Ethics of Caring 1.0 cr.
Course compares traditional, rationalist, and relational approaches to caring in nursing. Caring is analyzed
conceptually as equilibrium among three ethical dimensions; subjective immediacy, objective principles, and inter-
subjective engagement. Caring ethics proposed as the relational narrative describing equilibrium in nurse-patient
relationship.

NURS 6124  Health Care as Spiritual Practice 1.0 cr.
Based on Nightingale's philosophy, this experiential course explores the nurse’s work of caring and healing as
deep spiritual practice. Spiritual practices from diverse traditions will be explored and experienced with emphasis on
integrating learning into daily professional health care practice.

NURS 6220  Advanced Acute & Critical Care Nursing Practice I 3.0 cr.
Prereq: 1 year experience in acute/critical care practice or Instructor permission; COREQ for matriculated students
specializing in Acute and Critical Care: NURS 6755: Advanced Practicum – Adult CNS – 3 credits;
Students taking course for elective credit for non-degree/professional development, or who are NPs, are not required to
register for Advanced Practicum.
Course focuses on collaborative care of acute and critical illness in adults by Advanced Practice Nurses.
Content includes theory- and evidenced-based management of selected cardiopulmonary, immunologic, and reproductive
system disorders, code and acute pain management, role integration, and professional issues.

NURS 6221  Advanced Acute & Critical Care Nursing Practice II 3.0 cr.
PREREQ: 1 year experience in acute/critical care practice or Instructor permission; COREQ for matriculated students specializing in Acute and Critical Care: NURS 6755: Advanced Practicum – Adult CNS – 3 credits; Students taking course for elective credit for non-degree/professional development, or who are NPs, are not required to register for Advanced Practicum.

Course focuses on collaborative care of acute and critical illness in adults by Advanced Practice Nurses. Content includes theory- and evidenced-based management of selected neurologic, gastrointestinal, renal, and mental health system disorders; neoplasia; substance abuse; complementary therapies; end-of-life care; role integration and professional issues.

**NURS 6222 Advanced Pharmacology and Therapeutics 3.0 cr.**
Prereq: Graduate level nursing research or inferential statistics; NURS 6243.
This course prepares students of APN to manage drug therapy for various client populations and settings. Pharmacokinetic and pharmacodynamic principles and evidence-based practice form the foundation for consideration of the pharmacotherapeutics of selected conditions and drug groups.

**NURS 6243 Advanced Pathophysiology 3.0 cr.**
Prereq: Undergraduate anatomy & physiology course; undergraduate pathophysiology course.
Advanced concepts in pathophysiologic principles provide an understanding of aspects of disease/disease processes and a foundation for assessment/management of acutely/chronically ill client. Epidemiology, etiology, lifespan/cultural concepts, diagnostic reasoning, and current research findings (including genetics and immunology) are covered.

**NURS 6274 Nursing Terminologies 3.0 cr.**
Prereq: Online course skills.
Course introduces the concept of classifying nursing phenomena to facilitate data management and retrieval. This informatics class includes such topics as minimum data sets, nursing language, classification systems and vocabularies, and relates each topic to nursing practice, administration, and research.

**NURS 6279 Knowledge Systems 3.0 cr.**
A variety of knowledge systems, including data analysis, information retrieval systems, expert systems, and artificial intelligence are explored. Human decision-making strategies and need for decision support are presented. Design of expert systems is described. Artificial intelligence and health applications explored.

**NURS 6284 Telehealth Applications 3.0 cr.**
Prereq: Computer competency.
Course focuses on design and application of telehealth principles in delivery of health care. Reviews current applications and allows students to examine applications in terms of human computer interaction, legal, ethical and policy issues. Highlights evidence-based support for telehealth applications.

**NURS 6285 Human Computer Interaction Design 3.0 cr.**
Human computer interaction examines the relationship of interface design to effective human interaction with computers. This course examines principles, theory and models to design and evaluate optimal interfaces to promote human computer interaction in health care informatics applications.

**NURS 6289 Information Systems Life Cycle 4.0 cr.**
Prereq: Minimum of one informatics course.
Course focuses on a structured approach to the selection and implementation of an information system. The five phases of the life cycle (planning, analysis, design, implementation and evaluation) provide the framework for students to work in teams on structured exercises.

**NURS 6293 Database Management Systems 3.0 cr.**
Prereq: Current knowledge equivalency of upper level division research methods course.
This interdisciplinary course focuses on historical, theoretical, and application issues in the design and administration of database management systems. Theories and concepts of file and database structure are explored.

**NURS 6303 Epidemiology & Environmental Health 3.0 cr.**
Concepts and methods of epidemiology are applied to APN with populations. Agent, host, and environmental factors used to examine environmental risks, issues of environmental justice, and models of care for high-risk populations will be examined and evaluated.

**NURS 6304 Management Information for Decision Support 3.0 cr.**
This course focuses on the identification, acquisition, analysis, interpretation and application of data. Application of decision-making strategies for APN will be emphasized in the areas of quality management and clinical decisions. Information management tools will be explored.

**NURS 6305 Health Care Financial Management 3.0 cr.**
Examines concepts of health care financial management. Tools and techniques which facilitate financial analysis and decision-making for patient care programs across the healthcare continuum are emphasized. Focuses on efficient, effective management of resources for delivery of quality healthcare services.
NURS 6343  Women's Gynecologic Health Care  1.0-3.0 cr.
Prereq: NURS 6222, NURS 6243, NURS 6761.
Course provides content on the diagnosis, treatment, and management of gynecologic health problems of women across the lifespan. Content centers on alterations in gynecologic health using a case study approach.

NURS 6352  Care of the High Risk Pregnancy  2.0 cr.
Prereq: NURS6222, NURS6243, NURS6373, NURS6755 (minimum of 1 credit in OB setting), NURS6761.
This course facilitates development of critical thinking necessary for the application of advanced practice management with women and their families experiencing a pregnancy with risk factors. Focus will be on the pre- and post-natal periods.

NURS 6372  Care During Pregnancy and Birth  1.0 cr. or 3.0 cr.
Prereq: NURS 6222, NURS 6243, NURS 6477, NURS 6761. Coreq: NURS 6755 [2 cr. for WH/NMW in 1 cr. section; 2cr. Intrapartum in 3 cr. section].
Credit 1: Provides overview and management of low-risk prenatal and postnatal care of women.
Credits 2 & 3: Develops critical thinking skills to plan, implement, and evaluate care including normal processes, high-risk, and emergent situations during labor, birth, and postpartum.

NURS 6383  Care of Women in Alternative Birth Settings  2.0 cr.
Prereq: NURS6373, NURS6755.
Covered topics will include the history of midwifery and birth, evidence supporting out of hospital birth, and the culture of birth in this country and its impact on society. Students will develop the advanced skills needed for providing care to women in alternative birth settings.

NURS 6433  Health and Education Needs of Young Children with Disabilities  2.0 cr.
Prereq: Enrollment in Leadership Option: Care of Children with Disabilities/Chronic Conditions and their Families, or Post Master’s certificate program Leadership Option: Care of Children with Disabilities/Chronic Conditions and their families. May be available as elective for upper division undergraduate students and other graduate-level students.
This course prepares advanced practice nurses to educate and supervise paraprofessionals, teachers and other care providers to work with young children with disabilities and chronic conditions and their families in child care and early education settings.

NURS 6477  Primary Care of Children: Well Child Care  1.0-4.0 cr.
Prereq/Coreq: NURS 6761, NURS6755 or NURS6756 or NURS6757.
Focus of course is on advanced assessment, health promotion, disease and disability prevention for well children, birth through adolescence, including assessment and management of common developmental issues. Context is the child's family, culture, and community.

NURS 6483  Ethics & Genetics: Caring for Children with Disabilities and Chronic Conditions  3.0 cr.
Prereq: Eligible as elective for upper division BSN, MS, ND, and PhD students.
Course covers foundations of ethics and genetics for children with disabilities and chronic health conditions and their families. Utilizes case studies identifying genetic conditions that present ethical dilemmas requiring interdisciplinary consultation. Student's ethical, professional identity explored as an outcome of the course.

NURS 6487  PHC of Children: Minor Acute Illness  5.0 cr.
Prereq: NURS6761, Coreq: (PNP students – NURS6477 and 200 hours of completed clinical). Others require permission of instructor but should be enrolled in a minimum of one credit hour of advanced clinical practicum.
This course focuses on primary care and specialty practices of APN working with children with minor acute illnesses and their families. Content on theories of child development, the family, culture, and the environment is addressed.

NURS 6493  Inferential Statistics in Nursing  3.0 cr.
Prereq: Elementary statistics course & NURS6011.
This is an intermediate-level statistics course for nursing graduate students. Topics covered include: correlation, prediction and regression, hypotheses testing, t-testing, ANOVA, and ANCOVA. Material is made relevant to nursing by use of nursing research studies as examples.

NURS 6497  PHC of Children: Chronic Illness & Disabilities  1.0-2.0 cr.
Prereq: NURS 6477 and 6487 (PNP/FNP), others require permission of instructor. Coreq for PNP/PSN students: NURS 6758 1 credit hour specialized in disability.
This course focuses on primary care and specialty practices of APN working with children with disabilities/chronic illness and their families. Content on theories of child development, the family, and the environment is addressed.

NURS 6498  Care Management of Children with Special Needs  4.0 cr.
Explores the role of the advanced practice nurse in the care of children with special needs. Emphasis is on a research-based, family centered, systems approach to planning and implementing community based care for this population.
NURS 6499  PHC of Children with Special Needs Disabilities  1.0 cr.
Coreq: NURS6758, NURS6761, NURS6477.
This course focuses on primary care and specialty practices of advanced practice nurses working with children with disabilities and their families. Content on theories of nursing and child development, the family, and the environment is addressed.

NURS 6505  Systems & Community-Based Care for Children with Special Needs  4.0 cr.
Prereq: Enrollment in PSN Masters/Post-Masters.
Explores APN roles in systems of care and community-based programs impacting children with special needs and their families. This course emphasizes knowledge and skills for diverse pediatric nursing leadership roles, serving multicultural populations in systems and community programs.

NURS 6593  Nursing Care/Case Management  3.0 cr.
Prereq: NURS6755.
Innovative, integrated nursing care and case management models within the context of today’s managed care delivery system are considered in this course. Accountability, interdisciplinary collaboration, continuity of care, timeliness, and cost effectiveness of health care delivery are evaluated within the context of case management.

NURS 6633  Advanced Public Health Nursing  3.0 cr.
Prereq: NURS 6010, NURS6011.
This course examines historical and current standards of practice for public health nursing. Theory- based, evidence-based public health practice is a major focus of the course. Content and activities promote the achievement of the core competencies for public health professionals.

NURS 6663  Leadership and Management  4.0 cr.
Advanced leadership roles for facilitating, integrating, and coordinating complex structures and processes in health care systems are emphasized. Students will demonstrate an understanding of partnerships, accountability, service-based approaches, continuum-defined health care systems, self-managed teams, and value-based organizations.

NURS 6673  System Assessment, Program Design and Evaluation  3.0 cr.
Prereq: NURS 6011.
Course focuses on theories and frameworks of assessment in communities and organizations. Based on system diagnosis, students develop healthcare programs, implementation and evaluation plans to improve care quality. Students apply acquired competencies to projects relevant to their selected specialty option.

NURS 6693  Management of Patient Care Services  3.0 cr.
This course examines concepts of human resource management, clinical operations, and quality improvement strategies in nursing. Tools and techniques which facilitate sound nursing management across the continuum of care are emphasized. Multiple dimensions of managing patient care operations are considered.

NURS 6742  Advanced Practice in Acute and Critical Care Nursing  3.0 cr.
Prereq: NURS6744; 1 year experience in acute/critical care practice preferred. Coreq for matriculated CNS matriculated CNS students: NURS6755/56 Advanced Practicum and of the CNS sections – 1-3 credits. Students taking for elective credit or non-degree/professional development, or who are NP’s are not required to register for Advanced Practicum.
Focuses on diagnosis and collaborative care management of acute and critical illness in adults by Advanced Practice Nurses. Content includes advanced skill development and theory, and evidence-based disease management, health promotion, cultural care, chronotherapeutics, complementary care, immunocompetence, code management, and APN role integration.

NURS 6744  Advanced Concepts in Palliative Care  3.0 cr.
Prereq: NURS6761.
Advanced course focusing on a palliative care nursing model. Theory and practice include palliative care assessment, symptom management, advanced communication skills, responses to loss, and ethical issues. Students will explore palliative care as acute, restorative, and comfort care with patient/family.

NURS 6745  Complex Symptom Management in Palliative Care Nursing  3.0 cr.
Prereq: May be taken for course credit or CE credit; can be the second elective course for palliative care in adult CNS-MS tract.
An advanced theory course focusing on complex symptom management in palliative nursing. Symptom management will include physical, psychosocial, and spiritual interventions. Ethical consideration of comfort vs. care, evidence-based palliative care practices, and the role for the APN will be explored.

NURS 6746  Complex Symptom Management for the Clinical Nurse Specialist  3.0 cr.
Prereq: NURS6742, NURS6744. Coreq: Matriculated CNS Students NURS6755-58 APN – any of CNS sections – 1-3 credits.
Course focuses on complex symptom management of adults needing palliative care and/or suffering from acute and critical illness for APN. Students will learn content specific to their clinical emphasis to include theory- and evidence-based management.
NURS 6751  Advanced Practicum: Health Systems Leadership  3.0 cr.
Prereq: NURS 6303, NURS 6304, NURS 6305, NURS 6663, NURS 6673.
Required course in which students experience the APN role within a variety of health care settings. The course is designed to integrate and apply competencies required in health systems leadership.

NURS 6752  Advanced Practicum in Public Health Nursing  Variable cr.
Prereq: NURS 6010, NURS 6013, NURS 6021, NURS 6303.
This course provides students with experience in an advanced practice role within a variety of public health or community-based systems of care. Practicum experiences are designed to promote integration and application of the core competencies for public health professionals.

NURS 6754  Advanced Practice in Community Analysis  3.0 cr.
This course will focus on the development of skill in the integration of public health planning using the science epidemiology and theoretical models for the assessment and planning of community-based interventions. Students will conduct a community analysis in the field.

NURS 6755  Advanced Practicum I  Variable cr.
Prereq: Designated in each section’s syllabus and will vary according to the specialty option and student level.
Clinical course that allows student to focus on beginning level competencies in the APN role (CNS/NP/CNM) with a selected client population.

NURS 6756  Advanced Practicum II  Variable cr.
Prereq: Designated in each section’s syllabus and will vary according to the specialty option and student level.
Clinical course that allows students to refine beginning level competencies and practice higher-level competencies in the APN role (CNS/NP/CNM) with a selected client population.

NURS 6757  Advanced Practicum III  Variable cr.
Prereq: Designated in each section’s syllabus and will vary according to the specialty option and student level.
Clinical course that allows students to continue to practice and refine higher level competencies in the APN role (CNS/NP/CNM) with a selected client population.

NURS 6758  Advanced Practicum IV  Variable cr.
Prereq: Designated in each section’s syllabus and will vary according to the specialty option and student level.
Clinical course that allows students to refine competencies as an Advanced Practitioner (CNS/NP/CNM) with a selected client population.

NURS 6759  Advanced Practicum: Health Care Informatics  Variable cr.
Prereq: Completion of at least three informatics specialty courses.
This course allows students to integrate and apply informatics competencies in an APN role. The preceptored practicum and project require the student to engage in informatics specialist roles within a variety of health care settings.

NURS 6761  Advanced Assessment  3.0 cr.
Prereq: Basic Assessment.
Advanced skills in interviewing, physical examination, diagnostic tools, diagnostic thinking and documentation required for APN who provide care for clients across the lifespan. Case study analysis is used to expose students to common complaints seen in their clinical practice settings.

NURS 6767  Advanced Practice in Oncology Nursing: Epidemiology, Prevention & Disease  3.0 cr.
Prereq: NURS 6761.
This course focuses on cancer epidemiology, prevention and early detection. It includes an overview of causes of common cancers, instruction in head-to-toe cancer risk assessment, and strategies for cancer risk reduction education. A clinical observation provides opportunities for client assessment and education.

NURS 6770  Advanced Practicum for Certification Requirements – CNS  1.0-8.0 cr.
Prereq: Graduate degree with CNS emphasis.
Clinical course that provides educational supervision for nurses who have completed a graduate level CNS program, but need additional clinical hours documented from an academic institution to meet the requirements for CNS to sit for certifying exams.

NURS 6773  Advanced Practice in Oncology Nursing: Managing Physiologic Responses  3.0 cr.
Prereq: NURS 6761.
This course will provide the advanced nursing student with an in-depth understanding of the physiologic responses to cancer and cancer treatment for the adult individual including specific cancer treatments, emergent conditions, and corresponding symptom management via nursing interventions.

NURS 6783  Advanced Practice in Oncology Nursing: Managing Psychosocial Responses  2.0-3.0 cr.
Prereq: NURS 6761.
The purpose of this course is to provide the advanced nursing student with an in depth understanding of psychosocial and cultural aspects experienced by patients/families during passage through disease stages and cancer treatment. Corresponding nursing interventions are reviewed. Optional clinical component for social support experiences.

NURS 6827  Diagnosis and Management 1: Acute Alterations in Health  2.0 cr.
Prereq: NURS 6243, NURS 6761. Coreq: NURS 6222, NURS 6755 (2 hours) or NURS 6756 (2 hours).
This course provides content on the diagnosis, treatment, and management of adults with acute conditions/illnesses. Content centers on acute alterations in health using a case study approach in both didactic and seminar format.

NURS 6833  Aesthetics and Wisdom Traditions of Caring-Healing  1.0-2.0 cr.
Exploration of wisdom traditions of caring-healing. Selected ancient world views intersections will be made between art, science, spirituality and diverse world populations, especially indigenous peoples. Aesthetics of sacred rituals, archetypes, symbols and myths of caring-healing practices will be examined.

NURS 6836  Special Topics  Variable cr.
This course is a special topic selected each semester.

NURS 6837  Diagnosis and Management II: Chronic Alterations in Health  3.0 cr.
Prereq: NURS 6222, NURS 6243, NURS 6547, NURS 6761, NURS 6827. Coreq: NURS 6755-57 (2 hours).
This course provides content on the diagnosis, treatment, and management of adults with chronic conditions and the effects on their families. Content centers on chronic alterations in health using a case study approach in didactic and seminar format.

NURS 6843  Theories and Philosophy of Caring-Healing  2.0 cr.
Prereq: Masters/doctoral course work.
Course will focus on diverse philosophies/theories of caring within the context of the theory of human caring. The theoretical ideas will be critiqued, examined for convergence with contemporary nursing theories, emerging developments in science, integrative medicine and relationship centered caring.

NURS 6846  Guided Research in Nursing  Variable cr.
Focuses on independent research in an area of interest to graduate nursing students.

NURS 6856  Independent Study (Master's)  Variable cr.

Graduate (Ph.D. Level) Courses

See course schedule and course offering plan for mode of delivery and course information – http://www.uchsc.edu/nursing/studentcentral.
Prereq – Admission to the Ph.D. Program.

**NURS 7000  History and Philosophy of Human Science 3.0 cr.**
History and philosophy of science studied within context of Western philosophical systems. Five Major evolutionary paradigms, from conventional science to human science, to emergent caring science are explored, analyzed, and critiqued with relevance toward further development of discipline of nursing.

**NURS 7020  Methods of Disciplined Inquiry 3.0 cr.**
Prereq: NURS 6493.
Examine the interrelationship of a broad range of research methods and other forms of scholarly inquiry to the development of nursing knowledge for evidence-based practice. Students begin building a foundation for focused intellectual inquiry in a substantive area of nursing.

**NURS 7030  Discipline of Nursing 3.0 cr.**
Course examines the nature of nursing as a professional discipline, historical and current perspectives regarding nursing’s phenomena of interest, the evolution and contributions of nursing scholarship, and environmental, cultural, healthcare system, and international influences on the discipline and profession of nursing.

**NURS 7120  Theory and Knowledge Development in Nursing 3.0 cr.**
Prereq: NURS 7000, NURS 7030.
This course focuses on the empiric, philosophic and aesthetic processes for and products of knowledge development in nursing. Classical approaches to theory development and analysis are contrasted with more contemporary models of knowledge development.

**NURS 7300  Qualitative Empirical Research 3.0 cr.**
Prereq: NURS 7000, NURS 7020, NURS7030.
Empirical qualitative research designs and methods to build knowledge in nursing/healthcare are analyzed and critiqued including traditional and emerging approaches. Designs include: ethnography, grounded theory, narrative, case study, historical, and qualitative descriptive. Qualitative methods are applied to focused student study.

**NURS 7310  Qualitative Interpretive Research 3.0 cr.**
Prereq: NURS 7000, NURS 7020, NURS 7030.
Introduces a range of qualitative interpretive approaches to research. Selected topics reflect philosophies, strategies and methods faculty use in their own research and student interests. Student papers reflect critical analysis of traditional and emerging qualitative interpretive research approach.

**NURS 7400  Advanced Quantitative Analysis & Design 1 3.0 cr.**
Prereq: NURS 6493, NURS 7020.
Course emphasizes development, implementation and analysis of quantitative research, including experimental and quasi-experimental research designs. Advantages, disadvantages and potential statistical tools for each design are discussed. Analytic issues presented including general linear model, matrix algebra, analyses, power and statistical inferences.

**NURS 7410  Advanced Quantitative Analysis & Design 2 3.0 cr.**
Prereq: NURS 6493, NURS 7020, NURS 7400.
This course focuses on the application of advanced quantitative methods, theories and models. It presents a variety of multivariate statistics designed to answer complex nursing questions. Emphasis is placed on selection of the appropriate test to answer the research question.

**NURS 7652  Cost/Quality Outcomes: A Macro-level Focus 3.0 cr.**
Prereq: NURS7020, NURS7030.
Examines conceptual frameworks and methods for measuring outcomes of health and nursing care delivery at the macro or systems level. Primary emphasis is on assessing the effectiveness, efficiency and equity of health services delivery. Techniques for risk-adjustment and for conducting specific economic analyses are covered. Culminates with examination of national quality initiatives, including report cards and evidence-based practice guidelines.

**NURS 7653  Cost/Quality Outcomes: A Micro-level Focus 3.0 cr.**
Prereq: NURS7020.
Examines phenomena, methods and measurements that deal with clinical outcomes and patient assessments of care from a quality/cost perspective at intra-organizational (individual, unit, organization) levels. Emphasis on: research methods; instrumentation and psychometrics; knowledge development in nursing and health services research.

**NURS 7713  The Human Experience of Health, Illness, Healing, Death/Dying 3.0 cr.**
Prereq: NURS 7000, NURS 7020, NURS 7030.
This course provides an overview of extant knowledge of prototypical phenomena and ontological perspectives regarding the human experiences of health, illness, healing, and death/dying. The emphasis is on understanding human experience from multiple epistemic perspectives, including philosophical, theoretical, and empirical.

**NURS 7714  Selected Topics: Human Health Illness Experience 3.0 cr.**
Prereq: NURS7030, NURS7000, NURS7020, NURS7713.
This doctoral seminar addresses selected middle range topics related to the human experience of health, illness, healing and death/dying; identifies directions for knowledge development and nursing praxis; and facilitates foundational scholarship in a student's area of concentration.

**NURS 7833 Aesthetics and Wisdom Traditions of Caring-Healing 1.0-2.0 cr.**
Exploration of wisdom traditions of caring-healing. Selected ancient world views intersections will be made between art, science, spirituality and diverse world populations, especially indigenous peoples. Aesthetics of sacred rituals, archetypes, symbols and myths of caring-healing practices will be examined.

**NURS 7836 Special Topics Variable cr.**
This course is a special topic selected each semester.

**NURS 7843 Theories and Philosophy of Caring-Healing 2.0 cr.**
Course will focus on diverse philosophies/theories of caring within the context of the theory of human caring. The theoretical ideas will be critiqued, examined for convergence with contemporary nursing theories, emerging developments in science, integrative medicine and relationship centered caring.

**NURS 7846 Research Practicum and Scientific Integrity 3.0 cr.**
Prereq: NURS 7020.
Course combines a 45 hour research practicum with web-based modules designed to facilitate critical thinking in the ethics of inquiry, enhance skills in scholarly writing, and provide a topic for discussion and reflection on the mentored practicum.

**NURS 7856 Independent Study (Doctoral) Variable cr.**

**NURS 8990 Dissertation Variable cr.**
Prereq: Completion of majority of doctoral course work.
Student MUST register for section number listed for dissertation chairperson.

**Note:** Course offerings subject to change. Students are encouraged to meet regularly with their advisor. Courses may not be offered unless minimum enrollment is 6. Courses in the School of Nursing are offered under a variety of formats. The following legend is placed as a footnote on each semester's course schedule table to help students know about the courses they are registering for and formats for each of those courses. The letter in the legend corresponds to the first character of the section number. Students are responsible for checking the course schedule carefully, paying special attention to course formats, dates, and locations. All course offerings are subject to change.

- L = Lab
- 0 = Traditional in-class format
- I = Blackboard offering exclusively
- B = Blend of Blackboard offering plus some in-class sessions
- C = Clinical
- T = Telecom (Interactive video for distance students)

**Professional Development Courses**

**Open Enrollment**
The School of Nursing is committed to the facilitation of continued professional development for all nurses seeking not only traditional continuing education opportunities, but for those seeking a life long partner in their continuing professional development needs. The School of Nursing offers many educational resources such as the Clinical Educator and Caring-Healing Certificate Programs. Opportunities are available for continuing education credit; graduate and upper level undergraduate credit.

There is no automatic transfer of academic credits earned as a non-degree student to a degree. Any transfer of credit hours toward a degree is at the discretion of the academic program to which the student is applying and must be in accordance with the University of Colorado policies and guidelines.

**Open Enrollment Courses**
Opportunities for registration for open enrollment courses for the School of Nursing will be provided through the School of Nursing Office of Professional Development at 303-315-8691 or by monitoring our Website that can be found through the School of Nursing Home Page at http://www.uchsc.edu/nursing/prodev.htm. Open enrollment is available by semester. Please plan to seek open enrollment information and registration at least 45 days prior to the semester you are interested in. Registration is waitlisted on a first-come/first-served basis as space allows in the courses. Courses related to prescriptive authority are particularly active and require early enrollment.

**Rural and Distance Outreach**
We are committed to providing opportunities for nursing professionals at a distance. Please give us a call so that we may advocate and support your educational needs at 303-315-4313. We will work very closely with Student Services and the Program Directors to facilitate not only professional development, but also degree seeking students from a distance.