

ACADEMIC CALENDAR
Child Health Associate/Physician Assistant Program
Doctor of Physical Therapy Program
Graduate School
School of Dentistry and Dental Hygiene
School of Medicine 1& 2 Yr
School of Nursing
School of Pharmacy
2005-2006

SUMMER SEMESTER 2005

Early Start (Dentistry, Dental Hygiene)	Monday, May 23
Orientation: New DPT Transition/Track-In students	Monday, May 23
MEMORIAL DAY HOLIDAY	MONDAY, MAY 30
Early Start (Pharmacy)	Tuesday, May 31
Last day to submit Application for Graduation for MS/MSPH August 2005	Wednesday, June 1
Orientation: First-year CHAP students	Wednesday, June 1
Orientation: Entry Level DPT students	June 1-2
Orientation: New BS Nursing students	Thursday, June 2-3
Traditional Summer Semester begins	Monday, June 6
Orientation: New PhD Nursing students	Monday, June 6
Diploma cards due for August graduates	Friday, June 10
Last day to drop/add (Traditional Semester)	Friday, June 10
INDEPENDENCE DAY HOLIDAY	MONDAY, JULY 4
Final Exams (Dentistry, Dental Hygiene)	July 18-22
Classes end (Dentistry, Dental Hygiene)	Friday, July 22
Final Exams (Nursing)	July 25-29
Last day to take Final Exams/Thesis Defense for MS/MSPH/PhD August 2005	Friday, July 29
Classes end (Nursing)	Friday, July 29
Last Day to submit thesis (Graduate School)	Friday, August 5
Final Exam week	August 8-12
Summer Semester ends	Friday, August 12
Final Grades due	Wednesday, August 17
Classes end (Pharmacy)	Friday, August 19
Degree award date	Friday, August 19

FALL SEMESTER 2005

Orientation: First-year Dental Hygiene students	Friday, July 15
Early Start (First-year Dental Hygiene)	Monday, July 18
Diploma cards due for December graduates	Monday, August 1
Orientation: First-year Medicine students	August 8-12
Early Start (First-year Medicine)	Monday, August 15
Intro to and Orientation: (First-year Pharmacy students)	August 19-29
Orientation: First-year Dentistry students	August 23-26
Orientation: New Graduate School students	Wednesday, August 24
Orientation: New Nursing DNP students	August 25-26
Traditional Fall Semester begins	Monday, August 29
LABOR DAY HOLIDAY	MONDAY, SEPTEMBER 5
Last day to drop/add (Traditional Semester)	Friday, September 9
Last day to submit Application for Graduation for MS/MSPH December 2005	Monday, October 3
Diploma cards due for December graduates	Friday, October 7
Block I Final Exams (Nursing)	October 17-21
Block I courses end (Nursing)	Friday, October 21
Block II courses begin (Nursing)	Monday, October 24
Last day to take Final Exams/Thesis Defense for MS/MSPH/PhD December 2005	Wednesday, November 23
THANKSGIVING HOLIDAY	NOVEMBER 24 - 25
Last day to submit thesis (Graduate School)	Friday, December 2
Diploma cards due for May graduates	Friday, December 9
Final Exam week	December 12-16
Last day of classes (Pharmacy)	Wednesday, December 14
Final Exams (Pharmacy)	December 16-22
Fall Semester ends	Friday, December 16
Degree award date	Friday, December 16
Fall Semester ends (Dentistry, Dental Hygiene)	Wednesday, December 21
Fall Semester ends (Pharmacy)	Thursday, December 22
Final Grades due (Dentistry, Dental Hygiene, Pharmacy)	Wednesday, December 28

SPRING SEMESTER 2006

Early Start (Dentistry, Dental Hygiene, DPT, Nursing, Med 1 & 2)	Tuesday, January 3
Early Start (Pharmacy 4th Year)	Monday, January 9
<i>MARTIN LUTHER KING HOLIDAY(classes not in session)</i>	MONDAY, JANUARY 16
Early Start (Pharmacy 1st, 2nd, 3rd year)	Tuesday, January 17
Traditional Spring Semester begins	Monday, January 23
Block I courses begin (Nursing)	Monday, January 23
PhD Intensive courses (Nursing)	January 23-February 3
Last day to drop/add (Traditional Semester)	Friday, February 3
Diploma cards due for May graduates	Friday, February 10
<i>PRESIDENTS' DAY HOLIDAY(classes not in session)</i>	MONDAY, FEBRUARY 20
Last day to submit Application for Graduation for MS/MSPH May 2006	Wednesday, March 1
Block I Final Exams (Nursing)	March 13-17
Block I courses end (Nursing)	Friday, March 17
SPRING BREAK	MARCH 20-24
Block II courses begin (Nursing)	Monday, March 27
Last day to take Final Exams/Thesis Defense for MS/MSPH/PhD May 2006 graduates	Friday, May 5
Last day of classes (Pharmacy)	Wednesday, May 10
Last day to submit thesis (Graduate School)	May 12-18
Final Exam week	May 15-19
Spring Semester ends	Friday, May 19
Final Grades due	Wednesday, May 24
Annual Commencement	Friday, May 26

FOR MORE DETAILED CALENDAR INFORMATION, INDIVIDUAL SCHOOL CALENDARS WILL BE POSTED TO EACH SCHOOL'S WEB PAGE

SCHOOL OF NURSING UNDERGRADUATE COURSES

- NURS 3001 Introduction to Health Assessment** **Summer/Fall/Spring** **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** **Fall/Spring** **4.0 cr.**
 Prereq: NURS 3001, NURS 3103.
 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.
- NURS 3003 Pharmacology** **Fall/Spring** **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** **Summer/Fall/Spring** **3.0 cr.**
 This 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** **Fall/Spring** **6.0 cr.**
 Prereq: NURS 3002, NURS 3003.
 This course focuses on the application of knowledge to clinical practice as it relates to care of childbearing families. Students will explore factors that affect individuals and families during the human experience of childbirth within the context of clinical judgment and critical thinking from a caring framework.
- NURS 3407 Nursing Care of Children & Adolescents** **Fall/Spring** **6.0 cr.**
 Prereq: NURS 3002, NURS 3103.
 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** **Fall/Spring/Summer** **6.0 cr.**
 Prereq: NURS 3999.
 Focuses on the nursing care of adolescents and adults in the 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** **Summer/Fall/Spring** **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 is 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** **Summer/Fall/Spring** **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** **Summer/Fall/Spring** **3.0 cr.**
 Prereq: NURS 3001, NURS 3002, NURS 3003, NURS 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.
- NURS 4070 Professional Nursing: Environmental Context for Practice: Bioethical & Legal Foundations** **Fall/Spring** **3.0 cr.**
 Prereq: NURS 3002, NURS 3003, NURS 4050.
 Examines 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 4097 Nursing Care of Adults with Complex Disease Processes** **Fall/Spring** **6.0 cr.**
 Prereq: NURS 3999.
 Nursing Care directed toward maintenance and restoration of health for adult individuals experiencing multiple, complex alterations in health in both theory and clinical practice. Advanced concepts important in the understanding of health, illness, dying, and death will be considered using a human science/caring perspective.

- NURS 4128 Senior Integrated Practicum** **Fall/Spring** **6.0-8.0 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, delegations, interdisciplinary collaboration, and decision-making support successful transition into practice and professional development.
- NURS 4207 Public Health Nursing** **Fall/Spring** **6.0 cr.**
 Prereq: 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 4517 Health Assessment** **Summer** **2.0 cr.**
 This is a basic health assessment course for students who are enrolled in the UCHSC, RN-BS program. These individuals are currently licensed to practice nursing, but who are prepared at the ADN or the diploma levels.
- NURS 4593 Case Management** **Spring** **6.0 cr.**
 Innovative integrated nursing case and care 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 care management.
- NURS 4727 Independent Study** **Varied** **1.0-3.0 cr.**
 Independent study to be arranged with faculty.
- NURS 4742 Advanced Concepts in Palliative Care** **Spring** **3.0 cr.**
 May be taken for course credit or CE credit; would be an elective course in palliative care in Adult CNS MS Tract: can be taken as clinical elective for BS Sr students.
 An 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 4745 Complex Symptom Management in Palliative Care Nursing** **Varied** **3.0 cr.**
 May be taken for course credit or CE credit; would be the second elective courses in palliative care in Adult CNS MS tract.
 An advanced theory/practice course focusing on complex symptom management in palliative nursing. Symptom management will include physical, psychosocial, and spiritual interventions. Ethical consideration of comfort vs. care, evidencebased palliative care practices, and the role for the advanced practice nurse will be explored.
- NURS 4836 Special Topics*** **Varied** **1.0-8.0 cr.**
 This course is a special topic selected each semester. The topics to be studied will vary according to actual faculty expertise and student interest.
- NURS 4911 Capstone** **Varied** **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.

**Clinical Nursing Electives - offerings contingent on available faculty and sufficient enrollment and offered through the Professional Development Office.*

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
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- B = Blend of WebCT offering plus some in-class sessions
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NURSE DOCTORATE (ND) and DOCTOR OF NURSING PRACTICE (DNP) COURSES

- NUDO 5000 Clinical Inquiry** **Fall/Spring** **3.0 cr.**
 This course will focus on current methods for acquiring, developing, and utilizing knowledge in clinical settings. Both qualitative and quantitative methods are discussed. Research design; synthesis and analysis of existing research for implementing evidence-based practice; and introductory data analysis are emphasized.
- NUDO 5001 Introduction to Health Assessment** **Summer/Fall/Spring** **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.

NUDO 5002 <u>Fundamentals of Nursing</u>	<u>Fall/Spring</u>	<u>4.0 cr.</u>
Prereq: NUDO 5001, NUDO 5103.		
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.		
NUDO 5003 <u>Pharmacology</u>	<u>Fall/Spring</u>	<u>3.0 cr.</u>
Prereq: NUDO 5001, NUDO 5103.		
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.		
NUDO 5026 <u>Interdisciplinary Ethics and Legal Issues</u>	<u>Fall</u>	<u>2.0 cr.</u>
Ethical issues are analyzed and different ethical frameworks compared. Collaboration among diverse health professionals in addressing issues is emphasized. Part I of the course involves ND students only in an online discussion of the legal dimensions of nursing. Part II integrates students from various professional programs across the UCHSC campus.		
NUDO 5097 <u>Nursing Care of Adults with Complex Disease Processes</u>	<u>Fall/Spring</u>	<u>6.0 cr.</u>
Prereq: NUDO 5999.		
Nursing care directed toward maintenance and restoration of health for adult individuals experiencing multiple, complex alterations in health in both theory and clinical practice. Advanced concepts, important in the understanding of health, illness, dying, and death will be considered using a human science/caring perspective.		
NUDO 5103 <u>Pathophysiology</u>	<u>Summer/Fall/Spring</u>	<u>3.0 cr.</u>
This 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.		
NUDO 5128 <u>Senior Integrated Practicum</u>	<u>Fall/Spring</u>	<u>6.0-8.0 cr.</u>
Synthesis of theory, research, and practice to facilitate clinical reasoning for quality care and clinical outcomes improvement. Leadership and management of competencies in organizational skills, communication, conflict management, delegations, interdisciplinary collaboration, and decision-making support successful transition into practice and professional development.		
NUDO 5140 <u>Foundations of the Discipline and Practice of Nursing</u>	<u>Fall</u>	<u>3.0 cr.</u>
Introduction to foundational concepts of the nursing discipline, and the theoretical and ethical frameworks that guide its practice. This course will explore the schools philosophy and curricular framework as it reflects the profession of nursing. Concepts include: reflective practice, ways of knowing, health-illness-healing, relationship-centered care, grand- and mid-range theories, evidence-based practice, social justice, human technology interface, and diversity.		
NUDO 5207 <u>Public Health Nursing</u>	<u>Fall/Spring</u>	<u>6.0 cr.</u>
Prereq: NUDO 5999.		
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.		
NUDO 5307 <u>Nursing Care of Childbearing Families</u>	<u>Fall/Spring</u>	<u>6.0 cr.</u>
Prereq: NUDO 5002, NUDO 5003.		
This course focuses on the application of knowledge to clinical practice as it relates to care of childbearing families. Students will explore factors that affect individuals and families during the human experience of childbirth within the context of clinical judgment and critical thinking from a caring framework.		
NUDO 5407 <u>Nursing Care of Children & Adolescents</u>	<u>Fall/Spring</u>	<u>6.0 cr.</u>
Prereq: NUDO 5002, NUDO 5103.		
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.		
NUDO 5507 <u>Mental Health Nursing</u>	<u>Summer/Fall/Spring</u>	<u>6.0 cr.</u>
Prereq: NUDO 5999.		
Focuses on the nursing care of adolescents and adults in the 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.		
NUDO 5836 <u>Special Topics</u>	<u>Varied</u>	<u>1.0-3.0 cr.</u>
This course is a special topic selected each semester.		
NUDO 5856 <u>Independent Study</u>	<u>Varied</u>	<u>1.0-4.0 cr.</u>
Independent study for Nursing Doctoral students.		

- NUDO 5999 Nursing Care of Adults and Older Adults** **Summer/Spring/Fall** **5.0 cr.**
 Prereq: NUDO 5002, NUDO 5003, NUDO 5103.
 Nursing care of adults and older adults directed toward health promotion, disease prevention, maintenance and restoration of health is emphasized in both theory and clinical practice. The concepts of health, illness, healing and dying are investigated from a human science/caring perspective.
- NUDO 6041 Emerging Therapies for Advanced Practice Nurses** **Fall** **2.0 cr.**
 Explores concepts and experiences of health and healing from different world health care systems and perspectives. Identifies new genetic, complementary, and alternative therapies used by patients and ramification of emerging therapies for advanced practice nurses.
- NUDO 6052 Practice Management for Policy, Legal and Financial Issues** **Spring** **3.0 cr.**
 Addresses practical knowledge for management of nursing practices in independent and collaborative roles, individual and group settings, and in a context of changing health and health care financing policies. Explores financial issues faced by nurses in different practice settings, and legal parameters of practice.
- NUDO 6454 Advanced Reflective practice Integration** **Seminar Fall** **1.0 cr.**
 In seminar and independent clinical experiences, students synthesize content in this area of study by applying aspects of advanced clinical decision making models, processes, and practices based on the sciences, arts, and humanities.
- NUDO 6055 Context of Health and Healing Practice Integration** **Seminar Spring** **1.0 cr.**
 In seminar and independent clinical experiences, students integrate their knowledge of the health care environment by experiencing advanced practice nursing and examining the influences of social, physical, cultural, economic, legal and political dimensions of care.
- NUDO 6056 Applied Outcomes Research** **Summer** **3.0 cr.**
 Outcomes of care, including patient outcomes and system outcomes, are studied as they apply to the advanced practice nurse as both a clinician and care evaluator.
- NUDO 6057 Designing Theory-Guided Models of Care** **Fall** **2.0 cr.**
 Models of care, when applied to care delivery structures, can inform all aspects of patient care. Students review existing theoretical models of care and the application of these models in a variety of settings.
- NUDO 6058 Practice Epistemology: Expanding Ways of Knowing for Reflective Practice** **Fall** **3.0 cr.**
 Using literary, artistic, and humanistic approaches to the human experience of birth, pain, suffering, maturation, and death, nurses expand their ways of assessing and understanding the human condition. Means of applying these ways of knowing to care situations and adjusting care in response to reflective practice are addressed.
- NUDO 6059 Cultural Competence for Advanced Practice** **Spring** **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 provider-patient differences and patient and family expectations.
- NURS 6012 Health Systems and Policy in Society** **2.0 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 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 6021 Evidence-Based Practice** **4.0 cr.**
 Prereq: Undergraduate research course and descriptive statistics course, basic skills in computer and internet use.
 This course focuses on using published research, clinical expertise, and patient's values and preferences in evidencebased practice. Concepts in inferential statistics are emphasized in addition to obtaining, critiquing, and synthesizing available evidence to support implementation of evidence-driven clinical decisions.
- NURS 6113 Studies in Health Promotion and Lifestyle** **2.0-3.0 cr.**
 This course critiques health promotion theories and policies, reviews health promotion guidelines across the lifespan and nutritional recommendations for health promotion. 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 advanced nursing practice 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 advanced practice nurses 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: NURS 6021 or NUDO 5000 and an elementary statistics course.
This is an intermediate-level statistics course for nursing graduate students. Topics covered include: correlation, prediction and regression, hypotheses testing, t-tests, ANOVA, and ANCOVA. Material is made relevant to nursing by use of nursing research studies as examples.

NURS 6673 Systems Assessment, Program Design and Evaluation **3.0 cr.**
Prereq: NURS 6021.
The course focuses on theories and frameworks of assessment of communities and organizations. Based on a 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: NUDO 5024.
Students develop the advanced skills in interviewing, physical examination, diagnostic tools, diagnostic thinking and documentation required for advanced practice nurses who provide care for clients across the lifespan. Case study analysis is used to expose students to the most common complaints seen in their clinical practice settings.

NUDO 7013 Conceptual Frameworks for Care/Case Management **Spring** **3.0 cr.**
Coreq: Current licensure as RN in the State of Colorado.
Innovative, integrated nursing case and care 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.

NUDO 7018 Research Project Proposal Development **Summer/Fall/Spring** **3.0 cr.**
Students prepare for the DNP Research Project by completing human subjects preparation, discussing ethical conduct of clinical research, selecting an appropriate design and method, and planning for subject recruitment and site selection.

NUDO 8010 DNP Role Residency **Summer/Fall/Spring** **1.0 cr.**
Expanded advanced practice nurse competencies include the application of knowledge related to reflective practice, contexts of care, and outcomes as nurses experience the DNP role.

NUDO 8015 Capstone **Summer/Fall/Spring** **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.

NUDO 8018 Research Project **Summer/Fall/Spring** **1.0 cr.**
Students conduct a clinically applied research, evaluation, or action research project in order to improve patient care.

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.

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GRADUATE COURSES (MASTERS PROGRAM - <http://www.uchsc.edu/nursing/ms.htm>)

See course schedule and course offering plan for mode of delivery and course information – <http://www.uchsc.edu/nursing/studentcentral>

BS in Nursing or permission of instructor is required for enrollment in Master's Program courses.

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 Practice** **3.0 cr.**
 Prereq: Undergraduate research course. Basic computer competencies & skills in electronic library and internet searching.
 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.
- NURS 6021 Evidence-Based Practice** **4.0 cr.**
 Prereq: Undergraduate research course and descriptive statistics course, basic skills in computer and internet use.
 This course focuses on using published research, clinical expertise, and patient's values and preferences in evidence-based practice. Concepts in inferential statistics are emphasized in addition to obtaining, critiquing, and synthesizing available evidence to support implementation of evidence-driven clinical decisions.
- NURS 6022 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 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** **2.0-3.0 cr.**
 This course critiques health promotion theories and policies, reviews health promotion guidelines across the lifespan and nutritional recommendations for health promotion. Nursing actions to enhance health promotion, through increasing client knowledge, self care, motivation and adherence are emphasized.
- NURS 6222 Advanced Pharmacology and Therapeutics** **3.0 cr.**
 Prereq: Graduate level nursing research or inferential statistics; NURS 6243.
 This course prepares students of advanced practice nursing 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 and physiology course; undergraduate pathophysiology course.
 Advanced concepts in pathophysiologic principles, using a systems approach, provide an understanding of the dynamic aspects of disease and disease processes and a foundation for assessment and management of the acutely or chronically ill client. Epidemiology, etiology, lifespan and cultural concepts, diagnostic reasoning, and current research findings (including genetics and immunology) are integrated into selected content areas.
- NURS 6273 Health Communications** **3.0 cr.**
 This course provides an overview of theories and research related to interpersonal, organizational, and mass communication within a health context. The course examines strategies for persuasion and the application of persuasion principles to health care practice. The course reviews successful and unsuccessful health information campaigns and examines the evolution of new media (web-based) in health communication.
- NURS 6274 Nursing Terminologies** **3.0 cr.**
 Prereq: Online course skills.
 This 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 the need for decision support are presented. Design of expert systems is described. Artificial intelligence and health applications are explored.
- NURS 6284 Telehealth Applications** **3.0 cr.**
 Prereq: Computer competency.
 This course focuses on the design and application of telehealth principles to the delivery of health care. The course reviews the current state-of-the-art applications and allows students to examine these applications in terms of human computer interaction, legal, ethical and policy issues. The course highlights the evidence-based support for telehealth applications.
- NURS 6289 Information Systems Life Cycle** **4.0 cr.**
 Prereq: minimum of one informatics course.
 This 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: Students are expected to have knowledge equivalency of an 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 advanced nursing practice 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 advanced practice nurses 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 Primary Care of the Well Woman 1.0-3.0 cr.**
Prereq: NURS 6222, NURS 6243, NURS 6761. A minimum of 2 credits of Advanced Practicum must be taken concurrently.
Application of primary care principles in women's health from menarche through the post-menopausal years. Emphasis is on a systematic management process based on current evidence. Content includes health education, maintenance and promotion of women's health, as well as ethical issues in reproductive health care. Menopause, family planning, sexually transmitted diseases, common reproductive problems, and chronic health problems are among the topics discussed.
- NURS 6352 Care of the High Risk Pregnancy 2.0 cr.**
Prereq: NURS 6222, NURS 6243, NURS 6373 (first credit), NURS 6755 (minimum of 1 credit in an OB setting), NURS 6761.
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 or 3.0 cr.**
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 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 Health Care of Children: Well Child Care 1.0-4.0 cr.**
Prereq: NURS 6761.
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: SON computer competency course. Eligible as elective for upper division undergraduate, MS, ND, and PhD students.
This course covers foundations of ethics and genetics pertaining to children with disabilities and chronic health conditions and their families and utilizes case studies identifying genetic conditions that present ethical dilemmas requiring interdisciplinary consultation. One's own ethical, professional identity will be explored as an outcome of the course.
- NURS 6487 PHC of Children: Minor Acute Illness 2.0-3.0 cr.**
Prereq: NURS 6477, NURS 6761, NURS 6755.
This course focuses on primary care and specialty practices of advanced practice nurses 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: NURS 6021 or NUDO 5000 and an elementary statistics course.
This is an intermediate-level statistics course for nursing graduate students. Topics covered include: correlation, prediction and regression, hypotheses testing, t-tests, 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: PNP/FNP NURS 6477 and NURS 6487; PNP/PSN required to coregister for 1 credit of specialized clinical in disability.
This course focuses on primary care and specialty practices of advanced practice nurses working with children with disabilities/chronic illness and their families. Content on theories of child development, the family, culture, and the environment is addressed.
- NURS 6503 Community Based Programs for Children with Special Needs 2.0 cr.**
Prereq: Pediatric Special Needs Master's or post-Master's program; NURS 6504.
Explores the role of the advanced practice nurse in community based programs that impact children with special health care needs and their families. This course emphasizes diverse nursing roles, multicultural populations, and community-based settings.

- NURS 6504 Systems of Care for Children with Special Needs** **2.0 cr.**
 Prereq: Pediatric Special Needs Masters or Post-Masters Program
 Explores the role of the advanced practice nurse in systems of care that impact children with special health care needs and their families. This course emphasizes diverse nursing roles, multicultural populations and system-level settings.
- NURS 6533 Intro to Advanced Psychiatric/Mental Health Nursing** **3.0 cr.**
 Prereq: NURS 6010, NURS 6021
 This course introduces the student to Advanced Psychiatric Mental health Nursing as Prelude to clinical courses. Topics include advanced psychiatric, mental Health Nursing roles, theoretical approaches for individual patient care, group process concepts, as well as legal, ethical, and other perspectives to guide practice.
- NURS 6543 Assessment of Advanced Psychiatric-Mental Health Nursing** **3.0 cr.**
 Prereq: NURS 6533.
 Overview of selected research and theory bases for assessment of psychiatric-mental health needs of individuals, families, and groups. Emphasizes identified concepts relevant across modalities and client groups (e.g. problem definition, strengths and contextual developmental, temporal, informational, and outcome factors.)
- NURS 6547 Advanced Psychopharmacology for Advanced Practice Nurses I** **2.0 cr.**
 Prereq: NURS 6243
 Course focuses on psychopharmacology and the assessment, medication prescription, and follow-up of patients needing psychopharmacological interventions emphasizing pharmacokinetics and pharmacodynamics of specific medication classes. Principles of drug action including pharmacokinetics and pharmacodynamics form the basis for the course. Classes of medications considered include antidepressants, mood stabilizers, antianxiety and sedative medications, antipsychotic medications, stimulants, beta blockers, antiparkinsonian agents, and other agents used in mental health practice. General issues of prescriptive practice such as prescription writing procedures, legal, ethical and malpractice issues; on-call procedures; documentation; collaboration and consultation, and fraud and abuse of medications are considered.
- NURS 6553 Interventions in Advanced Psychiatric-Mental Health Nursing** **3.0 cr.**
 Prereq: NURS 6543.
 Overview of selected research and theory basis for choosing and evaluating psychiatric mental health nursing interventions with individuals, families, and groups. Emphasizes concepts relevant across modalities and client groups (e.g. microskills, levels of intervention, specificity of interventions, and concepts of change).
- NURS 6567 Introduction to Advanced Psychiatric/Mental Health Nursing** **4.0 cr.**
 Prereq: NURS 6010 and NURS 6021
 Students are prepared to be Advanced Practice Psychiatric/Mental health Nurses by exploration and application of theories for mental health assessments and interventions involving individual patients, groups, communities, and organizations. Issues surrounding advanced practice roles and ethical-legal practice are examined.
- NURS 6593 Nursing Care/Case Management** **3.0 cr.**
 Prereq: NURS 6755 and current licensure as RN in the State of Colorado.
 Innovative, integrated nursing case and care 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 6597 Advanced Psychopharmacology for Advanced Practice Nurses II** **2.0 cr.**
 Prereq: NURS 6547, NURS 6222, NURS 6243
 Course focuses on psychopharmacology and the assessment, medication prescription, and follow-up of patients needing psychopharmacological interventions. Provides integration of pathophysiology with medication treatment of the major psychiatric illnesses; depression, bipolar affective disorder, panic disorder, generalized anxiety disorder, obsessive compulsive disorder, schizophrenia, and organic mental disorders. Special populations such as pregnancy, geriatrics, child/adolescents, management of alcohol and drug addiction are discussed.
- NURS 6633 Advanced Public Health Nursing** **3.0 cr.**
 Prereq: NURS 6010, NURS 6021.
 This course examines historical and current standards of practice for public health nursing. Theory-based, evidencebased 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 Systems Assessment, Program Design and Evaluation** **3.0 cr.**
 Prereq: NURS 6021.
 The course focuses on theories and frameworks of assessment of communities and organizations. Based on a 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: NURS 6744; 1 year experience in acute/critical care practice preferred. Coreq for matriculated CNS students: NURS 6755, NURS 6756 1-3 cr. in CNS sections.
 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 therapy, immunocompetence, code management, and APN role integration.
- NURS 6744 Advanced Concepts in Palliative Care 3.0 cr.**
 Prereq: NURS 6761.
 An 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.**
 May be taken for course credit or CE credit; would 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 advanced practice nurse will be explored.
- NURS6746 Complex Symptom Management for the Clinical Nurse Specialist 3.0 cr.**
 Prereq: NURS 6744, NURS 6742, Coreq: (for matriculated CNS students) CNS Sections NURS 6757 or NURS 6758 1-3 cr.
 Course focuses on complex symptom management of adults needing palliative care and/or suffering from acute and critical illness for Advanced Practice Nurses. Students will learn content specific to their clinical emphasis to include theory and evidence based management
- NURS 6750 Clinical Practica in Advanced Psychiatric-Mental Health Nursing 1.0-12.0 cr.**
 Prereq: NURS 6567 Coreq: NURS 6543.
 The first of a three-course sequence in advanced practice in psychiatric-mental health nursing. Seminar and supervised practice in advanced psychiatric-mental health nursing. Emphasis is on assessment of psychiatric-mental health needs of identified client groups.
- NURS 6751 Advanced Practicum: Health Systems Leadership 3.0 cr.**
 Prereq: NURS 6303, NURS 6304, NURS 6305, NURS 6663, NURS 6673.
 Advanced nursing practice is a required course in which students experience the advanced practice 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: Program Planning 1.0 cr.**
 Pre/Coreq: NURS 6673.
 This course provides students with experience in group, health delivery, and program planning in a clinical setting. Students encounter opportunities to gain skill in the planning process, communicating with stakeholders, and assessment and analysis of program planning effectiveness.
- NURS 6754 Advanced Practicum: Community Analysis 3.0 cr.**
 This course provides students with experience in community, focusing on the development of skill in the integration of public health planning using the science of 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 1.0-8.0 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 Advanced Practice role (CNS/NP/CNM) with a selected client population.
- NURS 6756 Advanced Practicum II 1.0-8.0 cr.**
 Prereq: Designated in each section's syllabus and will vary according to the specialty option and student level.
 Clinical course that focuses on beginning level competencies and practice higher-level competencies in the Advanced Practice role (CNS/NP/CNM) with a selected client population.
- NURS 6757 Advanced Practicum III 1.0-10.0 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 Advanced Practice role (CNS/NP/CNM) with a selected client population.
- NURS 6758 Advanced Practicum IV 1.0-8.0 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 3.0-6.0 cr.**
 Prereq: Completion of at least three informatics specialty courses.
 This course allows students to integrate and apply informatics competencies in an advanced practice 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 health assessment. Course includes required lab practices.
 Students develop the advanced skills in interviewing, physical examination, diagnostic tools, diagnostic thinking and documentation required for advanced practice nurses who provide care for clients across the lifespan. Case study analysis is used to expose students to the most common complaints seen in their clinical practice settings.
- NURS 6767 Advanced Practice in Oncology Nursing: Epidemiology, Prevention and Disease** **3.0 cr.**
 Prereq: MS core courses, 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 6773 Advanced Practice in Oncology Nursing: Managing Physiologic Responses** **3.0 cr.**
 Prereq: MS core courses, 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 intervention.
- NURS 6733 Advanced Practice in Oncology Nursing: Managing Psychosocial Responses** **2.0-3.0 cr.**
 Prereq: MS core courses, 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 I: Acute Alterations in Health** **2.0 cr.**
 Prereq: NURS 6243 and NURS 6761 (3 hours) Pre/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.**
 Prereq: Masters/doctoral course work.
 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 Credit Arranged**
 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 6761, NURS 6827 Coreq: NURS 6755 (2 hours).
 This course provides content on the diagnosis, treatment, and management of adults with chronic conditions of patients and the effects on their family. 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.
 This 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** **1.0-3.0 cr.**
 Focuses on independent research in an area of interest to graduate nursing students. Approval must be obtained from student's advisor and faculty member involved.
- NURS 6856 Independent Study (Master's)** **1.0-4.0 cr.**
 Independent study to be arranged with master's faculty.
- NURS 6858 Advanced Practice Nursing: Role Concepts and Professional Issues** **1.0 cr.**
 Foundational concepts for role development and professional growth for the advanced practice nurse are presented. Content will focus on the shared history of advanced practice nursing, identify the components of the APN role in different settings, and discuss the major concepts of teamwork, collaboration and collegiality, and role acquisition in intra-and interdisciplinary practice. Professional practice issues, including professional involvement, marketing, negotiation, reimbursement, legal issues, ethical decision-making, theory and evidence based practice will be explored.
- NURS 6911 Capstone** **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.

NURS 6940 Comprehensive Exam **1.0 cr.**
A student should register only if not enrolled in the semester in which you are taking Comprehensive Examinations.

NURS 6956 Master's Thesis **4.0-6.0 cr.**
Includes identification of a problem, design and conduct of the investigation of the problem, and a written report.
Opportunity to discuss and test thesis plans with a group of colleagues.

Note: Master's courses may not be offered unless minimum enrollment is 12.

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

GRADUATE PROGRAM (Ph.D. COURSES – <http://www.uchsc.edu/nursing/phd.htm>)

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 Philosophy of Human Science **3.0 cr.**
Human science is investigated as a form of knowledge that is bound to the human life world. Assumptions and implications are examined critically against the background of objectivist claims that science generates knowledge independently of human values and context.

NURS 7020 Methods of Disciplined Inquiry in Nursing **3.0 cr.**
Prereq: NURS 6493 or graduate level statistics.
Focuses on the nature of nursing knowledge and comprehensive approach to disciplined inquiry reflecting states of the art of nursing knowledge development. Emphasizes development of a foundation for focused intellectual inquiry in nursing.

NURS 7030 Discipline of Nursing **3.0 cr.**
This course examines the nature of nursing as a professional discipline, varying perspectives regarding nursing's phenomena of interest, the evaluation, contributions, and social forces impacting nursing scholarship.

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 and products of knowledge development in nursing. Classical approaches to theory development and analysis are contrasted with other models of knowledge development.

NURS 7300 Qualitative Empirical Research (Intensive) **3.0 cr.**
Prereq: NURS 7000, NURS 7020, NURS 7030.
Empirical qualitative research designs and methods to build substantive knowledge in nursing and health are explored. Seminar includes ethnographic, grounded theory, historical and narrative inquiry designs. Issues and critical analysis of traditional and emerging designs are discussed.

NURS 7310 Qualitative Interpretive Research **3.0 cr.**
Prereq: NURS 7000, NURS 7020, NURS 7030.
Philosophically grounded qualitative research designs and methods to build substantive knowledge in nursing and health are explored. Seminar includes phenomenological, interpretive, hermeneutic, critical, dialectic, philosophic and aesthetic designs. Critical analyses of traditional and emerging designs are discussed.

NURS 7400 Advanced Quantitative Analysis & Design I **3.0 cr.**
Prereq: NURS 6493, NURS 7020.
This 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 are presented, including the general linear model, matrix algebra, analyses, power and statistical inferences.

NURS 7410 Advanced Quantitative Analysis & Design II **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: NURS 7020.
Examines conceptual frameworks and methods for measuring outcomes of health and nursing care delivery at the macro or systems level. Primary emphasis is 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: NURS 7031.

Examines phenomena, methods and measures 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 doctoral program 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: NURS 7000, NURS 7020, NURS 7030, NURS 7031, NURS 7713.

This doctoral seminar addresses selected middle range topics related to the human experiences of health, illness, healing, and death/dying; identifies directions for knowledge development and nursing praxis; 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 2.0-4.0 cr.

This course is a special topic selected each semester.

NURS 7843 Theories and Philosophy of Caring-Healing 2.0 cr.

This 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 (Doctoral) 2.0 cr.

Prereq: NURS 7030, signed contract with a research mentor, registration and beginning skills in the use of an identified central computer communication service. Coreq: NURS 7020.

Students contract with a mentor for 60 hours of research practicum. Sixteen hours of seminars discuss practicum applications of research principles; multidisciplinary perspectives on the ethical conduct of science and scholarly writing; and logistical and political problems encountered in research projects.

NURS 7856 Independent Study (Doctoral) 1.0-4.0 cr.

Independent study to be arranged with doctoral faculty.

NURS 7995 Capstone 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.

NURS 8996 Dissertation Credit Arranged

Prereq: Completion of majority of doctoral course work. **Student MUST register for section number listed for dissertation chairperson.** ** Course open to Ph.D. students in other disciplines and MS prepared non-degree students as space is available with permission of instructor or Ph.D. program director.

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.

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B = Blend of WebCT offering plus some in-class sessions

C = Clinical

T = Telecom

Professional Development Courses

NURS 4757 Nursing Summer Externship* Summer 3.0 cr.

Prereq: Successful completion of junior year nursing courses and other courses as appropriate to client population.

This course combines didactic instruction with complex clinical practice to enhance the complexity of critical thinking, integration, analysis, and professional clinical judgment skills of students during the delivery of nursing care to individuals and/or groups of individuals in a variety of practice settings.

NURS 5315 Understanding & Managing Population-Focused Information Fall 3.0 cr.

This online course includes an examination of historical and current standards of practice for public health, an introduction to epidemiology; community health assessment; identification, retrieval, analysis and interpretation of public health data, and effective and culturally competent communication.

- NURS 5316 Designing & Evaluating Population-Focused Interventions** **Spring** **3.0 cr.**
 Prereq: NURS 5315.
 This course examines models and processes of program planning for public health. It includes content in continuous quality improvement and evaluation, policy development, leadership, community empowerment strategies and grant writing. Special public health topics include environmental health and emergency preparedness.
- NURS 6120 Foundations for Healing Practice** **Spring** **1.0 cr.**
 This course will explore the 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** **Spring** **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** **Spring** **1.0 cr.**
 This 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 intersubjective engagement. Caring ethics is proposed as the relational narrative describing that equilibrium in a nurse-patient relationship.
- NURS 6124 Health Care as Spiritual Practice** **Spring** **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 and Critical Care Nursing Practice I** **Fall/Spring** **3.0 cr.**
 Prereq: 1 year experience in acute/critical care practice.
 Coreq for matriculated students specializing in Acute and Critical Care: NURS 6755 (3 hours).
 Course focuses on collaborative care of acute and critical illness in adults by Advanced Practice Nurses. Content includes theory and evidence-based management of selected cardiopulmonary, immunologic, and reproductive system disorders, code and acute pain management, role integration and professional issues.
- NURS 6221 Advanced Acute and Critical Care Nursing Practice II** **Fall/Spring** **3.0 cr.**
 Prereq: 1 year experience in acute/critical care practice.
 Coreq for matriculated students specializing in Acute and Critical Care: NURS 6755 (3 hours).
 Course focuses on collaborative care of acute and critical illness in adults by Advanced Practice Nurses. Content includes theory and evidence-based management of selected neurological, gastrointestinal, renal, and mental health system disorders; neoplasia substance abuse; complementary therapies; end-of-life care; role integration and professional issues.
- NURS 6273 Health Communications** **Variable** **3.0 cr.**
 This course provides an overview of theories and research related to interpersonal, organizational, and mass communication within a health context. The course examines strategies for persuasion and the application of persuasion principles to health care practice. The course review successful and unsuccessful health information campaigns and examines the evolution of new media (web-based) in health communication.
- NURS 6279 Knowledge Systems** **Variable** **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 the need for decision support are presented. Design of expert systems is described. Artificial intelligence and health applications are explored.
- NURS 6284 Telehealth Applications** **Variable** **3.0 cr.**
 This course focuses on the design and application of telehealth principles to the delivery of health care. The course reviews the current state-of-the-art applications and allows students to examine these applications in terms of human computer interaction, legal, ethical, and policy issues. The course highlights the evidence-based support for telehealth applications.
- NURS 6293 Database Management Systems** **Variable** **3.0 cr.**
 Prereq: Students are expected to have knowledge equivalency of an 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 6315 Understanding & Managing Population-Focused Information** **Fall/Spring** **3.0 cr.**
 Prereq: NURS 6021.
 This online course includes an examination of historical and current standards of practice for public health, an introduction to epidemiology; community health assessment; identification, retrieval, analysis and interpretation of public health data, and effective and culturally competent communication.
- NURS 6316 Designing & Evaluating Population-Focused Interventions** **Fall/Spring** **3.0 cr.**
 Prereq: NURS 6315.
 This course examines models and processes of program planning for public health. It includes content in continuous quality improvement and evaluation, policy development, leadership, community empowerment strategies and grant writing. Special public health topics include environmental health and emergency preparedness.

NURS 6383 Care of Women in Alternative Birth Settings. Variable 2.0 cr.

Prereq: NURS 6373, NURS 6755.

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 6830 Essential Skills for the Clinical Educator Part 1: Principles of Clinical Teaching and Learning Fall 2.0 cr.

Prereq: BS in Nursing.

This course is designed to lay the foundation for the student's role as a clinical educator. In particular, it provides specific knowledge and skills that facilitate development of comprehensive, competency-based programs and activities for the clinical educator.

NURS 6831 Essential Skills for the Clinical Educator Part 2: Business Aspects of Clinical Education Spring 2.0 cr.

Prereq: BS in Nursing.

This course focuses on management, planning and budgeting concepts as they pertain to clinical education. Topics will include: budgeting for a clinical education department and individual program offerings, business planning, resource utilization, accreditation, certification and outcomes measurement.

NURS 6832 Essential Skills for the Clinical Educator Part 3: Program Development & Evaluation Summer 2.0 cr.

Prereq: BS in Nursing.

This course focuses on development, delivery, and evaluation of educational programs. Content includes educational assessment, program planning, instructional methods and media, construction of educational objectives and outcome competencies, delivery of the educational program, and the special requirements of Orientation Programs.

NURS 6896 Primary Care in Urgent/Emergent Situations Variable 2.0 cr.

This is a theory and application course which addresses the assessment and management of urgent/emergent problems commonly encountered in rural and urban primary care settings.