



UNIVERSITY OF COLORADO AT DENVER AND HEALTH SCIENCES CENTER

COURSE BOOK

2007-2008

- SCHOOL OF DENTISTRY
- GRADUATE SCHOOL
- SCHOOL OF MEDICINE
- SCHOOL OF NURSING
- SCHOOL OF PHARMACY



Academic Calendar 2007 – 2008
(Excluding School of Medicine M.D. Program)

**Basic Sciences Programs and
Pharmaceutical Sciences and Toxicology Programs
Child Health Associate/Physician Assistant Program
Doctor of Physical Therapy Program
School of Dentistry and Dental Hygiene
School of Nursing
School of Pharmacy**

Summer 2007

Pre-registration: School of Nursing (continuing students) Summer 2007	April 9-April 27
Registration: Dental/Dental Hygiene Summer 2007	Monday, April 23
Registration: Physical Therapy Summer 2007	Monday, May 7
Pre-registration: School of Nursing (new students) Summer 2007	May 7-May 25
Registration: Basic Sciences (continuing students) Summer 2007	Monday, May 14
Registration: CHAPA Program Summer 2007	Monday, May 14
Registration: Traditional 4 th Yr Pharmacy Summer 2007	Monday, May 14
Early Start (Dental, Dental Hygiene)	Monday, May 21
<i>Memorial Day Holiday</i>	<i>Monday, May 28</i>
Early Start (4 th yr Pharmacy)	Monday, May 28
Late registration and add/drop begins School of Nursing Summer 2007	Tuesday, May 29
<i>Break (Dental/ Dental Hygiene)</i>	<i>May 29-June 1</i>
Last day to submit Application to Grad School for MS Aug 2007 grads	Friday, June 1
Orientation: School of Nursing New B.S. students	Wednesday, May 30
Orientation: CHAPA Program	May 30-June 1
Orientation: Physical Therapy	May 30-June 1
Traditional Summer semester begins	Monday, June 4
Diploma cards due for December graduates	Friday, June 8
Last day to drop/add	Friday, June 8
Summer Ph.D. intensive courses week (School of Nursing)	June 11-15
<i>Independence Day Holiday</i>	<i>Wednesday, July 4</i>
Final exams: Dental/Dental Hygiene	July 18-22
Ph.D. Dissertation Boot Camp (School of Nursing)	TBA
Final exams: 8-week courses (School of Nursing)	July 24-27
8-week courses end (School of Nursing)	Friday, July 27
Semester ends (Dental/Dental Hygiene)	Friday, July 27
Last day to take final exam/thesis defense Aug 2007 MS&PhD grads	Friday, July 27
Last day to submit thesis (MS&PhD)	Friday, August 3
Traditional Final Exam Week	August 6-10
Traditional Summer semester ends	Friday, August 10
Final exams: CHAPA	August 13-16
Final exams: Physical Therapy	August 13-17
Traditional Final grades due (by noon)	Wednesday, Aug 15
Semester ends (CHAPA,Physical Therapy,Pharmacy)	Friday, August 17
August degree award date	Friday, August 17
Final grades due (by noon) CHAPA, Physical Therapy, Pharmacy	Wednesday, August 22
<i>Break (CHAPA)</i>	<i>August 17-23</i>
<i>Break (1st Year Physical Therapy)</i>	<i>August 18-23</i>
<i>Break (2nd , 3rd Yr Physical Therapy)</i>	<i>August 18-26</i>

Fall 2007

Registration: 1 st yr Dental Hygiene Fall 2007	June 25-July 20
Pre-registration: School of Nursing (continuing students) Fall 2007	July 9-20
Orientation: 1 st yr Dental Hygiene students	Friday, July 6
Early Start (1 st yr Dental Hygiene)	Monday, July 9
Intro to Pharmacy and Orientation (first-year students)	August 17-27
Last day to drop/add (1 st yr Dental Hygiene)	Friday, July 13
Pre-registration :School of Nursing (new students) Fall 2007	July 23-August 3
Registration All other Dental students Fall 2007	Monday, July 30
Registration Physical Therapy Fall 2007	Monday, July 30
Registration: CHAPA, Basic Sciences, Pharmacy Fall 2007	Monday, Aug 6
Orientation: 1 st yr Dental students	August 14-17
Fall semester begins (Pharmacy 4 th Yr Rotation 3)	Monday, August 20
Fall semester begins (All other Dental students)	Monday, August 20
Late registration and drop/add begins (School of Nursing)	Monday, August 20
Orientation: Basic Sciences	Wednesday, Aug 22
Orientation: School of Nursing New MS, DNP, & Ph.D. students	August 22-23
Orientation: School of Nursing New BS Work Site Students	Friday, August 24
Fall semester begins (1 st yr Physical Therapy)	Friday, August 24
Traditional Fall semester begins	Monday, August 27
Ph.D. Intensive Weeks School of Nursing (check course schedule for dates for specific courses)	August 27-Sept 7
Rotation 1: Basic Sciences	Aug 27 -Nov 16
<i>Labor Day Holiday (classes not in session)</i>	<i>Monday, Sept 3</i>
Last day to drop/add	Friday, September 7
Classes end (3 rd yr Physical Therapy)	Wednesday, Sept 19
<i>Break (3rd yr Physical Therapy) travel to CEIII</i>	<i>September 20-23</i>
Clinical Affiliation III (3 rd yr Physical Therapy)	Sept 24–Jan 11, 2008
Last day to submit Application for Graduation for MS Dec 2007 grads	Monday, October 1
Rotation 4: 4 th yr Pharmacy	Monday, October 1
Final exam period – Block I courses (School of Nursing)	October 15-19
Block I courses end (School of Nursing)	Friday, October 19
Block II courses begin (School of Nursing)	Monday, October 22
Rotation 5: Pharmacy	Monday, November 12
Rotation 2: Basic Sciences (Holiday Break Nov. 22-23;Dec.15-Jan 1	Nov 19-February 22
Last day to take final exam/thesis defense for Dec 2007 MS.&PhD grads	Wednesday, Nov 21
<i>Thanksgiving Day</i> (3 rd yr Physical Therapy holiday at discretion of Clinical Site Thursday, November 22)	<i>Thursday, November 22</i>
<i>Thanksgiving Break (Classes not in session)</i>	<i>November 22-23</i>
Last day to submit thesis (MS&PhD)	Friday, November 30
Diploma cards due for May graduates	Friday, December 7
Final Exam Week	December 10-14
Final exam period – Block II (School of Nursing)	December 10-14
Fall Semester ends	Friday, December 14
December degree award date	Friday, December 14
December Graduates Reception (School of Nursing)	Friday, December 14
Final Exam Week (Pharmacy)	December 14, 17-20
<i>Break (1st, 2nd yr Physical Therapy)</i>	<i>December 15-January 6</i>
<i>Break (CHAP)</i>	<i>December 17-January 1</i>
Final grades due (by noon)	Wednesday, Dec 19
<i>Break (Dental, Dental Hygiene)</i>	<i>December 20-January 1</i>
Fall Semester ends (Pharmacy)	Friday, December 21
<i>Break (4th Yr Pharmacy)</i>	<i>December 24-Jan 4</i>
Final Grades Due (Pharmacy) noon	Wednesday, Dec 26

Spring 2008

Pre-registration School of Nursing (continuing students) Spring 2008	November 12-30
Registration: Basic Sciences for Spring 2008	Monday, December 10
Registration: CHAPA Program for Spring 2008	Monday, December 10
Registration: Dental/Dental Hygiene Spring 2008	Monday, December 10
Registration: Physical Therapy Spring 2008	Monday, December 10
Registration: Pharmacy Spring 2008	Monday, December 10
Pre-registration School of Nursing (new students) Spring 2008	December 11-29
Drop/add for Early Start begins (School of Nursing)	Wed, Dec 26-Jan 4
Early Start (School Nursing selected classes)	Wednesday, January 2
Early Start (Dental/Dental Hygiene)	Wednesday, January 2
Early Start (1 st , 3 rd yr Physical Therapy)	Wednesday, January 2
Early Start (2 nd yr Physical Therapy)	Monday, January 7
Early Start (Pharmacy 4 th Yr) Rotation 6	Monday, January 7
Clinical Affiliation I (1st yr Physical Therapy)	January 7-February 1
Last day to drop/add for Early Start beginning Jan. 2	Friday, January 11
Early Start (Pharmacy 1,2,3 Yrs)	Tuesday, January 22
Break (3 rd yr Physical Therapy) travel to CE IV	January 14-18
Martin Luther King, Jr. (classes not in session)	Monday, January 21
Martin Luther King Jr.	Monday, January 21
(2 nd , 3 rd yr Physical Therapy holiday at discretion of Clinical Site)	
Clinical Affiliation IV (1 st , 3 rd yr Physical Therapy)	January 21-May 7
Block I begins (School of Nursing)	Tuesday, January 22
Traditional Spring Semester begins	Tuesday, January 22
Semester begins (1 st , 2 nd , 3 rd yr Pharmacy)	Tuesday, January 22
Ph.D. Intensive Courses School of Nursing (students check course schedule for intensive dates for specific courses)	January 28-February 8
Last day to drop/add for traditional semester	Friday, February 1
Classes begin (1 st yr Physical Therapy)	Monday, February 4
Diploma cards due for August graduates	Friday, February 8
Presidents Day (classes not in session)	Monday, February 18
Last day to submit Application for Graduation May 2008 (Grad School)	Monday, March 3
Rotation 3: Basic Sciences	February 25-May 16
Block I exam period (School of Nursing)	March 10-14
Block I ends (School of Nursing)	Friday, March 14
Spring Break (CHAPA, Basic Sciences, Nursing, Pharmacy, Dental/Dental Hygiene)	March 17-21
Block II begins (School of Nursing)	Monday, March 24
Final exams (2 nd yr Physical Therapy)	March 24-26
Break (2 nd yr Physical Therapy) travel to CE II	March 27-30
Clinical Education Affiliation II (2 nd yr Physical Therapy)	March 31-May 23
Last day for PhD Dissertation defense to walk in spring commencement	Tuesday, April 1
Pre-registration School of Nursing (continuing students) Summer 2008	April 7-April 25
Last day to take final exam/thesis defense for May 2008 MS&PhD grads	Friday, May 2
Final Awards Convocation (Pharmacy)	Friday, May 2
Pre-registration School of Nursing (new students) Summer 2008	May 5-May 23
Travel from CE IV to campus (3 rd yr Physical Therapy)	May 8-11
Last day to submit thesis (Graduate School)	Friday, May 9
Final exams (Pharmacy)	May 13-16
Final Exam Week	May 12-16
Block II exam period (School of Nursing)	May 12-16
Presentation Seminars (3 rd yr Physical Therapy)	May 12-22
Traditional Spring Semester ends	Friday, May 16
Final grades due (3 rd yr Physical Therapy)	Friday, May 16
Board Review (4 th yr Pharmacy)	May 17-19
Break (1 st yr Physical Therapy)	May 17-June 1

Law Reviews (Pharmacy)

Tuesday, May 20

Final grades due (by noon) CHAPA, Basic Sciences, Nursing, 1st, 2nd yr
Physical Therapy, Dental/Dental Hygiene

Wednesday, May 21

CHAP Convocation

Thursday, May 22

Commencement Banquet (Pharmacy)

Thursday, May 22

Spring Semester ends (3rd yr Physical Therapy)

Friday, May 23

Graduate School Convocation

Friday, May 23

Nursing Convocation

Friday, May 23

Spring Semester ends (2nd yr Physical Therapy)

Friday, May 23

ANNUAL COMMENCEMENT

Friday, May 23

Break (2nd year Physical Therapy)

May 24-June 1

4/24/07

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.

NURS 4051 Professional Nursing: Reflective Practice, Social Justice, Issues & Trends

3.0 cr.

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 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.*

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L = Lab

O = 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 nan technology 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

3.0 cr.

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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C = Clinical

T = Telecom (interactive video for distance students)

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>. 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 – 3credits; 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 – 3credits;
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 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 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 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 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.
- NURS6754 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: NURS6761.
 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: NURS6761.

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: NURS6761.

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, NURS6761, NURS6827. 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.

NURS 6858 Advanced Practice Nursing: Role Concepts and Professional Issues 1.0 cr.

History and role of APN in different settings, discussing major concepts of teamwork, collaboration, collegiality, and role acquisition in intra- and inter-disciplinary practice. Practice issues (professional involvement, marketing, negotiation, reimbursement, legal issues, ethical decision-making, theory and evidence-based practice) are explored.

NURS 6897 Primary Care in Urgent/Emergent Situations 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.

NURS 6940 Comprehensive Exam 1.0 cr.

Registration only if not enrolled in other coursework in the semester in which he/she takes MS comprehensive exams.

NURS 6956 Master's Thesis**Variable 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.

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C = Clinical

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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, social, cultural, health care 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.

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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.