

# C O U R S E B O O K

2008-2009

UNIVERSITY OF COLORADO DENVER  
HEALTH SCIENCES PROGRAMS

The Health Sciences Programs have as their overall mission “to educate health professionals and to improve human health”. In keeping with this mission, the institution is committed to working toward a more diverse campus community. This diverse community will be one that acknowledges, values, fosters and benefits from the unique qualities, rich histories, and wide variety of cultural values that mirror the changing demographic profile of American society. UCD Health Sciences Programs are committed to upholding all aspects of diversity as a necessary condition to achieving the institution’s stated objectives and mission.

**Academic Calendar 2008 – 2009**  
(Excluding School of Medicine M.D. Program)

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

**Summer 2008**

Pre-registration: College of Nursing (continuing students) Summer 2008	April 7-April 25
Registration: Dental/Dental Hygiene Summer 2008	Monday, April 21
Registration: Physical Therapy Summer 2008	Monday, May 5
Pre-registration: College of Nursing (new students) Summer 2008	May 5-May 23
Registration: Basic Sciences (continuing students) Summer 2008	Monday, May 12
Registration: CHAPA Program Summer 2008	Monday, May 12
Registration: Traditional 4 <sup>th</sup> Yr Pharmacy Summer 2008	Monday, May 12
Early Start (Dental, Dental Hygiene)	Monday, May 19
<i>Memorial Day Holiday</i>	<i>Monday, May 26</i>
Rotation 1 begins (Pharmacy P4 students)	Monday, May 26
Late registration and add/drop begins College of Nursing Summer 2008	Tuesday, May 27
<i>Break (Dental/ Dental Hygiene)</i>	<i>May 27-30</i>
Orientation: College of Nursing New B.S. students	Wednesday, May 28
Last day to submit application for graduation for August MS Grads (CHAPA)	Wednesday, May 28
Orientation: CHAPA Program	May 28-30
Orientation: Physical Therapy	May 28-30
Last day to submit Application to Grad School for MS Aug 2008 grads	Monday, June 2
Traditional Summer semester begins	Monday, June 2
Last day to submit App. for Graduation to Grad School for MS Aug grads (CON)	Monday, June 2
Diploma cards due for December graduates	Friday, June 6
Last day to drop/add	Friday, June 6
<i>Independence Day Holiday</i>	<i>Friday, July 4</i>
Rotation 2 begins (Pharmacy P4 students)	Monday, July 7
Final exams: Dental/Dental Hygiene	July 14-18
Final exams: 8-week courses (College of Nursing)	July 22-25
8-week courses end (College of Nursing)	Friday, July 25
Semester ends (Dental/Dental Hygiene)	Friday, July 25
Last day to take final exam/thesis defense Aug 2008 MS & PhD grads	Friday, July 25
Last day to submit thesis (MS & PhD)	Friday, August 1
Traditional Final Exam Week	August 4-8
Traditional Summer semester ends	Friday, August 8
Final exams: Physical Therapy (1 <sup>st</sup> year)	August 11-14
Final exams: Physical Therapy (2 <sup>nd</sup> , 3 <sup>rd</sup> years), CHAPA	August 11-15
Traditional Final grades due (by noon)	Wednesday, Aug. 13
Semester ends (Physical Therapy 1 <sup>st</sup> year)	Thursday, August 14
Semester ends (CHAPA, Physical Therapy 2 <sup>nd</sup> & 3 <sup>rd</sup> years, Pharmacy)	Friday, August 15
August degree award date	Friday, August 15
Final grades due (by noon) CHAPA, Physical Therapy, Pharmacy	Wednesday, Aug. 20
<i>Break (1st Year Physical Therapy)</i>	<i>August 15-21</i>
<i>Break (2<sup>nd</sup>, 3<sup>rd</sup> Yr Physical Therapy)</i>	<i>August 16-24</i>
<i>Break (CHAPA)</i>	<i>August 18-22</i>

## Fall 2008

Pre-registration: College of Nursing (continuing students) Fall 2008	July 7-18
Intro to Pharmacy and Orientation (first-year students)	August 15-25
Pre-registration: College of Nursing (new students) Fall 2008	July 21-August 1
Registration Dental students Fall 2008	Monday, July 28
Registration Physical Therapy Fall 2008	Monday, July 28
Registration: CHAPA, Basic Sciences, Pharmacy Fall 2008	Monday, Aug 4
Orientation: 1 <sup>st</sup> yr Dental students	August 12-15
Rotation 3 begins (4 <sup>th</sup> year Pharmacy)	Monday, August 18
Fall semester begins (Dental students)	Monday, August 18
Late registration and drop/add begins (College of Nursing)	Monday, August 18
Orientation: Basic Sciences	Wednesday, Aug 20
Orientation: College of Nursing New MS, DNP, & Ph.D. students	August 20-21
Fall semester begins (1 <sup>st</sup> yr Physical Therapy)	Friday, August 22
Traditional Fall semester begins	Monday, August 25
Interprofessional Orientation (CHAPA)	Monday, August 25
Rotation 1: Basic Sciences	Aug 25 -Nov 14
Fall semester begins Pharmacy (1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> year students)	Tuesday, August 26
<i>Labor Day Holiday (classes not in session)</i>	<i>Monday, Sept 1</i>
Fall semester begins Physical Therapy (2 <sup>nd</sup> year)	Tuesday, Sept 2
Last day to drop/add	Friday, September 5
Classes end (3 <sup>rd</sup> yr Physical Therapy)	Friday, Sept 12
<i>Break (3<sup>rd</sup> yr Physical Therapy) travel to CEIII</i>	<i>September 13-21</i>
Clinical Affiliation III (3 <sup>rd</sup> yr Physical Therapy) (16 weeks)	Sept 22–Jan 9, 2009
Last day to submit App. for Graduation to Grad School for MS Dec 2008 grads	Wednesday, Oct. 1
Rotation 4: 4 <sup>th</sup> yr Pharmacy	Monday, Sept. 29
Final exam period – Block I courses (College of Nursing)	October 13-17
Block I courses end (College of Nursing)	Friday, October 17
Block II courses begin (College of Nursing)	Monday, October 20
Rotation 5: Pharmacy	Monday, Nov. 10
Rotation 2: Basic Sciences (Holiday Break Nov. 27-28; Dec. 15-Jan 2)	Nov 17-February 20
Last day to take final exam/thesis defense for Dec 2008 MS & PhD grads	Wednesday, Nov 19
<i>Thanksgiving Day (3<sup>rd</sup> yr Physical Therapy holiday at discretion of Clinical Site)</i>	<i>Thursday, Nov. 27</i>
<i>Thanksgiving Break (Classes not in session)</i>	<i>November 27-28</i>
Last day to submit thesis (MS & PhD)	Wednesday, Nov 26
Diploma cards due for May graduates	Friday, December 5
Final Exam Week	December 8-12
Final exam period – Block II (College of Nursing)	December 8-12
Last day of classes (Pharmacy)	Wednesday, Dec 10
Fall Semester ends	Friday, December 12
December degree award date	Friday, December 12
December Graduates Reception (College of Nursing)	Friday, December 12
Final Exam Week (Pharmacy)	December 12, 15-18
<i>Break (1<sup>st</sup>, 2<sup>nd</sup> yr Physical Therapy)</i>	<i>December 13-Jan. 4</i>
<i>Break (CHAPA)</i>	<i>December 15-Jan. 2</i>
Final grades due (by noon)	Wednesday, Dec 17
<i>Break (Dental, Dental Hygiene)</i>	<i>December 15-Jan. 2</i>
Fall Semester ends (Pharmacy)	Friday, December 19
<i>Break (4<sup>th</sup> Yr Pharmacy)</i>	<i>December 22-Jan 2</i>
Final Grades Due (Pharmacy) noon	Wednesday, Dec 24

## Spring 2009

Pre-registration: College of Nursing (continuing students) Spring 2009	November 10-28
Registration: Basic Sciences for Spring 2009	Monday, December 8
Registration: CHAPA Program for Spring 2009	Monday, December 8
Registration: Dental/Dental Hygiene Spring 2009	Monday, December 8
Registration: Physical Therapy Spring 2009	Monday, December 8
Registration: Pharmacy Spring 2009	Monday, December 8
Pre-registration: College of Nursing (new students) Spring 2009	December 8-26
Drop/add for Early Start begins (College of Nursing)	Dec 26-Jan 6
Early Start (School Nursing selected classes)	Friday, January 2
Early Start (Dental/Dental Hygiene)	Monday, January 5
Early Start (1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> yr Physical Therapy)	Monday, January 5
Spring semester begins (CHAPA)	Monday, January 5
Rotation 6: Pharmacy (4 <sup>th</sup> year)	Monday, January 5
Clinical Affiliation I (1 <sup>st</sup> yr Physical Therapy)	January 5-30
Orientation: College of Nursing New BS students	Wednesday, Jan. 7
Last day to drop/add for Early Start (beginning Jan. 5 and CHAPA Spring semester)	Friday, January 9
End of CEIII (3 <sup>rd</sup> year Physical Therapy)	Friday January 9
Break (3 <sup>rd</sup> yr Physical Therapy) travel to CE IV	January 10-18
Last day to drop/add for Dental/Dental Hygiene	Friday, January 16
<i>Martin Luther King, Jr. (classes not in session)</i>	Monday, January 19
<i>(2<sup>nd</sup>, 3<sup>rd</sup> yr Physical Therapy holiday at discretion of Clinical Site)</i>	
Clinical Affiliation IV (3 <sup>rd</sup> yr Physical Therapy)	
Block I begins (College of Nursing)	January 19-May 6
Traditional Spring Semester begins	Tuesday, January 20
Semester begins (1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> yr Pharmacy)	Tuesday, January 20
Last day to drop/add for traditional semester	Tuesday, January 20
Classes begin (1 <sup>st</sup> yr Physical Therapy)	Friday, January 30
Diploma cards due for August graduates	Monday, February 2
<i>Presidents Day (classes not in session)</i>	Friday, February 6
Rotation 7 begins (4 <sup>th</sup> year Pharmacy)	Monday, February 16
Rotation 3: Basic Sciences	Monday, February 16
Last day to submit Application for Graduation May 2009 M.S. Grads (CHAPA)	Feb 23 - May 15
Last day to submit Application for Graduation May 2009 (Grad School)	Wednesday, Feb 25
Last day to submit App. for Graduation to Grad School May 2009 Grads (CON)	Monday, March 2
Block I exam period (College of Nursing)	Monday, March 2
Block I ends (College of Nursing)	March 9-13
<i>Spring Break</i>	Friday, March 13
<i>(CHAPA, Basic Sciences, Nursing, Pharmacy, Dental/Dental Hygiene)</i>	March 16-20
Block II begins (College of Nursing)	Monday, March 23
Final exams (2 <sup>nd</sup> yr Physical Therapy)	March 23-25
Break (1 <sup>st</sup> year Physical Therapy), (2 <sup>nd</sup> yr Physical Therapy travel to CE II)	March 26-29
Rotation 8 begins (4 <sup>th</sup> year Pharmacy)	Monday, March 30
Clinical Education Affiliation II (2 <sup>nd</sup> yr Physical Therapy) (8 weeks)	March 30-May 22
Last day for PhD Dissertation defense to walk in spring commencement	Wednesday, April 1
Pre-registration College of Nursing (continuing students) Summer 2009	April 6-April 24
Last day to take final exam/thesis defense for May 2009 MS & PhD grads	Friday, May 1
Final Awards Convocation (Pharmacy)	Friday, May 1
Pre-registration College of Nursing (new students) Summer 2009	May 4-May 22
Travel from CE IV to campus (3 <sup>rd</sup> yr Physical Therapy)	May 7-10
Last day to submit thesis (Graduate School)	Friday, May 8
Last day of classes (Pharmacy)	Friday, May 8
Final Exam Week	May 11-15
Block II exam period (College of Nursing)	May 11-15
Presentation Seminars (3 <sup>rd</sup> yr Physical Therapy)	May 11-21

**Spring 2009 (cont'd)**

Final exams (Pharmacy)	May 12-15
Traditional Spring Semester ends	Friday, May 15
Final grades due (3 <sup>rd</sup> yr Physical Therapy)	Friday, May 15
Board Review (4 <sup>th</sup> yr Pharmacy)	May 16-18
Break (1 <sup>st</sup> yr Physical Therapy)	May 16-31
Law Reviews (Pharmacy)	Tuesday, May 19
Final grades due (by noon) (CHAPA, Basic Sciences, Nursing, 1 <sup>st</sup> & 2 <sup>nd</sup> yr., Physical Therapy, Dental/Dental Hygiene)	Wed., May 20
Commencement Banquet (Pharmacy)	Thursday, May 21
CHAPA Convocation	Friday, May 22
Spring Semester ends (2 <sup>nd</sup> , 3 <sup>rd</sup> yr Physical Therapy)	Friday, May 22
Graduate School Convocation	Friday, May 22
Nursing Convocation	Friday, May 22
<b>ANNUAL COMMENCEMENT</b>	<b>Friday, May 22</b>
Break (2 <sup>nd</sup> year Physical Therapy)	May 23-31

2/07/08

<b>MPAS 6946 Women's Healthcare</b>	<b><u>All Sems.</u></b>	<b><u>1-2 cr.</u></b>
S. Hoops, PA-C – 303-315-7963 x3. Pass/Fail Max:40 This course involves active participation in an obstetrics and gynecology practice. Attendance at deliveries is encouraged and participating in the night and weekend call schedule may be required.		
<b>MPAS 6948 Emer Med/Urg Care</b>	<b><u>All Sems.</u></b>	<b><u>2.0 cr.</u></b>
S. Hoops, PA-C – 303-315-7963 x3. Pass/Fail. Max:40 The course involves active participation in an emergency department or urgent care practice. Attendance at meetings, conferences, and participating in the night and weekend call schedule are required.		
<b>MPAS 6950 Rur Trk Amb Ped</b>	<b><u>All Sems.</u></b>	<b><u>2.0 cr.</u></b>
S. Hoops, PA-C – 303-315-7963 x3. Pass/Fail. Max:40 This course involves active participation in an ambulatory pediatric practice in the same geographical region as the rural family medicine block, or in a location to which the rural family medicine practice (MPAS 6952 Sections 1, 2, 3) refers their patients.		
<b>MPAS 6952 Rur Trk Fam Med (Sec I-III)</b>	<b><u>All Sems.</u></b>	<b><u>2.0 cr.</u></b>
S. Hoops, PA-C – 303-315-7963 x3. Pass/Fail Max:40 This block is comprised of three sections which must be completed in sequence in a single family medicine practice located in rural Colorado. The sequence involves active participation in the care of patients in a family medicine setting, including health maintenance, diagnosis and treatment, patient education and follow-up for patients of all ages.		
<b>MPAS 6970 Adult Elec (Sec I-IV)</b>	<b><u>All Sems.</u></b>	<b><u>1-2 cr.</u></b>
S. Hoops, PA-C – 303-315-7963 x3. Pass/Fail. Max:40 This clinical experience involves active participation in a specialty area of adult medicine.		
<b>MPAS 6974 Adult Int Med</b>	<b><u>All Sems.</u></b>	<b><u>2.0 cr.</u></b>
S. Hoops, PA-C – 303-315-7963 x3 Pass/Fail. Max:40 The course involves active participation in an internal medicine adult practice in either the outpatient or inpatient setting. Participating in the night and weekend call schedule may be required.		
<b>CHAM 6704 Mast Proj Prop</b>	<b><u>All Sems.</u></b>	<b><u>2.0 cr.</u></b>
A. Glicken, MSW – 303-315-7963 x3. Max:40 First segment of clinical research project: formulating a worthy problem for investigation, in-depth literature review, methodology overview, its feasibility/limitations, plans for analysis of data, timetable of the study. A field expert and program faculty sponsor should be solicited as advisors.		
<b>CHAM 6710 Mast Proj Fin Rpt</b>	<b><u>All Sems.</u></b>	<b><u>1.0 cr.</u></b>
A. Glicken, MSW – 303-315-7963 x3. Max:40 The second segment of the project includes carrying out all field work and data collection of the approved proposal, analysis of data, and preparation of the final report. Advisors/consultants should be utilized to monitor each step as it proceeds.		
<b>CHAM 6711 Mast Proj Oral Pres</b>	<b><u>All Sems.</u></b>	<b><u>1.0 cr.</u></b>
A. Glicken, MSW – 303-315-7963 x3. Max:40 The third segment of the graduate project demands an oral presentation of the completed project to CHAP faculty, students, instructors, project sponsors and other interested parties.		

## COLLEGE OF NURSING

### Undergraduate Courses

<b>NURS 3001 Health Assessment</b>	<b><u>3.0 cr.</u></b>
This course introduces skills of health assessment of persons across the lifespan with a focus on the adult. Content will be presented in didactic sessions using multi-media format and application will occur in skills and simulation laboratory.	
<b>NURS 3002 Fundamentals of Nursing</b>	<b><u>4.0 cr.</u></b>
Prereq: NURS 3001. 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.	
<b>NURS 3003 Pharmacology</b>	<b><u>3.0 cr.</u></b>
Prereq: NURS 3001, NURS 3103. Introductory course on 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, implications for monitoring, drug administration, and patient education are 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 NsgCareChildbearFamily** **6.0 cr.**  
 Prereq: NURS 3001, NURS 3002, NURS 3003, NURS 3013.  
 Focuses on the application of knowledge to clinical practice and introduces students to maternal, newborn and family nursing theory, nursing management and to human experience of childbearing within the context of clinical judgement and critical thinking from a caring framework.
- NURS 3407 NsgCareChildAdoles** **6.0 cr.**  
 Prereq: NURS 3001, NURS 3002, NURS 3003, NURS 3103.  
 The nursing process is utilized in clinical practice, simulation experience and class directed toward health promotion and maintenance, disease prevention and health restoration for the child, adolescent and family. 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 the nursing care of adolescents and adults to promote and restore mental health within a variety of clinical settings. Assessments and treatment approaches based on nursing diagnosis and DSM IV classifications are incorporated into class and clinical practice.
- NURS 3999 Adult&ElderNursingCare** **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 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 process and application 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 application in clinical practice is an integral component of the course.
- NURS 4050 ProfNsRefiPracIssueTrend** **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 ProfNsRefiPracSocJustice** **3.0 cr.**  
 Prereq: NURS3001, 3002, 3003, 3103.  
 Course 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. Practice foci for theory-guided, evidence-based reflective nursing practice explored.
- NURS 4070 ProfNsEnv-Bioethic-Legal** **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 4097 Adults & Complex Nsg** **6.0 cr.**  
 Prereq: NURS 3999.  
 Nursing care directed toward maintenance and restoration of health in adults experiencing multiple, complex alterations is used in theory and clinical practice. Advanced concepts important in understanding health, illness, dying and death will be considered using a human science/caring perspective.
- NURS 4128 Sr Integrated Practicum** **Variable cr.**  
 Synthesis of theory and evidence-based practice to facilitate clinical reasoning for provision of safe, quality care. Transition into practice and professional development are promoted through leadership and management competencies in communication, conflict management, interdisciplinary collaboration, and use of information technology.
- NURS 4207 Public Health Nursing** **6.0 cr.**  
 Prereq: NURS 3307, NURS 3407, NURS 3999, NURS 4020.  
 Students provide nursing care to vulnerable and diverse individuals and families in a community setting and apply public health theory and tools to the health care of populations.
- 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 NsgCareCaseMgmt** **6.0 cr.**  
Innovative, integrated nursing care/case 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 healthcare delivery are evaluated within the context of care management.

**NURS 4727 Independent Study** **Variable cr.**

**NURS 4742 AdvConceptsPallCare** **3.0 cr.**  
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 CplxSmptMgmtPallCare** **3.0 cr.**  
Advanced theory course focusing on complex symptom management in palliative care nursing. Symptom management includes physical, psychosocial, and spiritual interventions. Ethical consideration of comfort vs. care, evidence-based palliative care practices, and the advanced practice nurse role will be explored.

**NURS 4757 NursingSummerExternship** **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.

*\*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)**

**NUDO 6041 EmergingTherapiesAPN** **2.0 cr.**  
Coreq: NUDO6055.

Course in emerging therapies and healing traditions is based on the wisdom of indigenous and alternative healthcare around the world. Advances in application of healing modalities will be introduced. Integration of knowledge and holistic nursing practice will be emphasized.

**NUDO 6052 CntxPtPop&PractMgmt** **6.0 cr.**  
Course explores innovative and integrative population/disease management care models within today's healthcare delivery system. Focus is on the individual's and the agency's accountability, interdisciplinary collaboration, timeliness, continuity of care, and cost effectiveness. Clinical experience in disease or population management included.

**NUDO 6055 Applied EBP** **3.0 cr.**  
Prereq: NURS6011, NURS6493.

Focuses on using research and evidence sources, clinical judgment, and patient values and preferences for clinical decision-making by advanced practice nurses. Advanced skills in critical appraisal and application of organizational culture and change theories for practice change are emphasized.

**NUDO 6057 DsgnTheory-GuidedCare** **2.0 cr.**  
Prereq: NURS6010.

Course focuses on the application of theories in nursing and other disciplines to guide practice and design transformative models of healthcare. Grand, middle-range, and practice level theories will be analyzed and students will develop theory-guided specialty models for practice.

**NUDO 6058 PracticeEpistemology** **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 CulturalCompetenceAPN**

**2.0 cr.**

Addresses cultural perspectives on clinical care, including the frameworks and methods used successfully by advanced practice nurses 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.**

Purpose 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. Available only for CU-SON Nursing Doctorate graduates with a Masters in Nursing.

**NUDO 7018 DNPCapstoneProposal**

**1.0 cr.**

Prereq: NUDO6055, NUDO6052, NUDO6053, NUDO8010

Students prepare for the DNP Capstone Clinical 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**

**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 DNPCapstoneProject**

**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 6055 Applied EBP**

**3.0 cr.**

Prereq: NURS6011, NURS6493.

Focuses on using research and evidence sources, clinical judgment, and patient values and preferences for clinical decision-making by advanced practice nurses. Advanced skills in critical appraisal and application of organizational culture and change theories for practice change are emphasized.

**NURS 6303 Epidemiology&EnvironHlth**

**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 MgmtInfoDecisionSupport**

**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 6493 InferentialStatsNursing**

**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.

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0 = Traditional in-class format

I = Blackboard offering exclusively

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

C = Clinical

T = Telecom (interactive video for distance students)

**Graduate (Master's Level) Courses**

See course schedule and course offering plan for mode of delivery and course information – <http://hschealth.uchsc.edu/son/current/studentcentral.htm>. BS in Nursing or permission of instructor is required for enrollment in Master's Program courses or permission of instructor.

**NURS 6010 PhilTheorEthicFoundAPN** **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 HumanTechnologyInterface** **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 6022 HlthSysPolicySocJustice** **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 ResearchMethodsAdvPract** **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 GeroNsgAPConcept** **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 HlthPromo&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 FoundHealingPract** **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 CaringInquiry:Narrative** **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 HlthCareSpiritualPract** **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 AdvAcuteCritCareNsgI** **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 6222 Adv Pharm&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 HumanComputerInteraction**

**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 InfoSysLifeCycle**

**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 DatabaseMgmtSys**

**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&EnvironHlth**

**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 MgmtInfoDecisionSupport**

**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 6343 WomenGynHlthCare**

**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 CareHighRiskPreg**

**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 CarePreg&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 6433 Hlth&EducChildDisability**

**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 PrimCareWellChild 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 EthicsGeneticsChildDisab 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. Ethical dilemmas requiring interdisciplinary consultation emphasized. Student's ethical, professional identity explored as an outcome of the course.

**NURS 6487 PHC ChildMinorAcute 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 InferentialStatsNursing 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 PHCChildChronicDisab 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 CareMgmtChildSpecNeed 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 PHCChildSpecNeedsDisabil 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 Sys&ComCareChildSpecNeed 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 6633 AdvPublicHlthNursing 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 & 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 SysAssProgDesignEval 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 6680 Global Health**

**3.0 cr.**

Global health issues with emphasis on exploring health care systems and effects on economically less developed countries. Provides students the opportunity to explore cultural beliefs, values in health-seeking behaviors among selected populations, role of nursing in addressing global health concern.

**NURS 6693 MgmtPatientCareServices**

**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 APN AcuteCritCare**

**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 management of acute and critical illness in adults by Advanced Practice Nurses. Content includes advanced skill development; theory-guided and evidence-based disease management, health promotion/disease prevention, culturally competent care, chronotherapeutics, complementary therapies, and APN role integration.

**NURS 6744 AdvConceptPallCare**

**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 CmplxSmptMgmtPallCareNsg**

**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 CmplxSymptMgmtCNS**

**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 AP: HlthSystemsLeadership**

**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 AP:PublicHlthNsg**

**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 AP:CommunitHAnalysis**

**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 AdvPractHlthCareInform** **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 APNOncNsgEpiPrevDs** **3.0 cr.**  
Prereq: NURS6761.  
Course focuses on cancer epidemiology, prevention, and early detection. 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 AP:CertRequireCNS** **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 APNOncNsgPhysiologicResp** **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 APNOncNsgPsychosocResp** **2.0-3.0 cr.**  
Prereq: NURS6761.  
Course provides 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 Diag&MgmtAcuteAlterHlth** **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 Aesth&WisdomTradCaring** **1.0 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 Diag&MgmtChronicAltHlth** **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 TheoryPhiloCaringHealing** **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 Nsg** **Variable cr.**  
Focuses on independent research in an area of interest to graduate nursing students.
- NURS 6856 Independent Study (MS)** **Variable cr.**
- NURS 6858 APN:RoleConceptProfssue** **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 PrimCareUrgentEmergent** **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.
- Note:** Master's courses may not be offered unless minimum enrollment is 12. Courses in the College of Nursing are offered under a variety of formats. The following legend is placed as a footnote on each semester's course schedule table to help students know about the courses they are registering for and formats for each of those courses. The letter in the legend corresponds to the first character of the section number. Students are responsible for checking the course schedule carefully, paying special attention to course formats, dates, and locations. All course offerings are subject to change.  
L = Lab  
0 = Traditional in-class format  
I = Blackboard offering exclusively  
B = Blend of Blackboard offering plus some in-class sessions  
C = Clinical  
T = Telecom (Interactive video for distance students)

### **Graduate (Ph.D. Level) Courses**

*See course schedule and course offering plan for mode of delivery and course information – <http://hschealth.uhsc.edu/son/current/studentcentral.htm>. Prereq – Admission to the Ph.D. Program.*

- NURS 6680 Global Health** **3.0 cr.**  
Global health issues with emphasis on exploring health care systems and effects on economically less developed countries. Provides students the opportunity to explore cultural beliefs, values in health-seeking behaviors among selected populations, role of nursing in addressing global health concern.
- NURS 7000 Philosophy of 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 MethodsofDiscInquiry** **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.**  
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 7059 CulturalCompetenceAPN** **2.0 cr.**  
Addresses cultural perspectives on clinical care, including the frameworks and methods used successfully by advanced practice nurses to assess cultural preferences, express expectations, negotiate treatment plans and modify care to accommodate provide-patient differences and patient and family expectations.
- NURS 7120 Theory&KnowledgeDevNsg** **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 QualitativeEmpirResearch 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 QualitativeInterpRes 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 AdvQuantAnalysisDesign1 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 AdvQuantAnalysisDesign2 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/QualOutcomesMacro 3.0 cr.**

Prereq: NURS7020, NURS7030.

Conceptual frameworks and methods for measuring outcomes of health and nursing care delivery at macro systems level. Primary emphasis on assessing effectiveness, efficiency and equity of health services delivery. Risk-adjustment and economic analyses. National quality initiatives, report cards, EBP guidelines.

**NURS 7653 Cost/QualOutcomesMicro 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 HumanExperience 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 SelectedTopic:HumanExper 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 Aesth&WisdomTradCaring 1.0 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 TheoryPhiloCaringHealing 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 RsrchPract&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 IndependentStudy**

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

L = Lab

0 = Traditional in-class format

I = Blackboard offering exclusively

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

C = Clinical

T = Telecom (Interactive video for distance students)

**Professional Development Courses**

**Open Enrollment**

*The College 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 College 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 College of Nursing will be provided through the College of Nursing Office of Professional Development at 303-724-1372 or by monitoring our Website at [http://hsc.health.uchsc.edu/son/grad/off\\_prof\\_dev.htm](http://hsc.health.uchsc.edu/son/grad/off_prof_dev.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.*

**NURS 5840 Clinical Teaching Theory**

**3.0 cr.**

Designed to provide a theoretical and evidence-based foundation for clinical education. Specific knowledge and skills necessary for developing comprehensive, competency-based education programs, and activities for health care facilities are presented.

**NURS 5841 Writing A Business Plan**

**4.0 cr.**

Focuses on management, planning, and budgeting concepts as they pertain to clinical education. Attention will be focused on business plan development, projects management, and resource utilization, as well as an introduction to external funding sources.

**NURS 5842 Planning and Evaluation**

**3.0 cr.**

Focuses on the design, planning, delivery and evaluation of clinical education programs. Techniques and methods to determine and provide theory-guided and evidence-based education offerings for clinical staff will be emphasized.

**NURS 6120 FoundHealingPract**

**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 CaringInquiry:Narrative**

**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 HlthCareSpiritualPract****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 6680 Global Health****3.0 cr.**

Global health issues with emphasis on exploring health care systems and effects on economically less developed countries. Provides students the opportunity to explore cultural beliefs, values in health-seeking behaviors among selected populations, role of nursing in addressing global health concern.

**NURS 6744 AdvConceptPallCare****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 CmplxSmptMgmtPallCareNsg****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 6833 Aesth&WisdomTradCaring****1.0 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 6843 TheoryPhiloCaringHealing****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 7833 Aesth&WisdomTradCaring****1.0 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 7843 TheoryPhiloCaringHealing****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.

**SCHOOL OF PHARMACY  
DOCTOR OF PHARMACY PROGRAM**

(The pharmacy curriculum is subject to change without notice.) Electives offered by the Program in Health Care Ethics, Humanities and Law are listed under Preventive Medicine in the School of Medicine and Graduate School sections. These courses are offered on an interdisciplinary basis; students in all UCHSC schools are encouraged to participate.

<b>FALL SEMESTER</b>
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**PHRD 3000 Intro Pharm Prac****2.0 cr.**

Catherine Jarvis, Pharm.D., Beverly Brunson, MPA Prerequisites - P1 status.

This course uses large group didactic discussion, small group problem-based learning, self-learning and outside activities. The focus is to provide students the opportunity to learn basic skills needed for success in the professional pharmacy curriculum and in their academic careers.

**PHRD 3100 Prof Skills Dev I****3.0 cr.**

Susan Paulsen, Pharm.D., Connie Valdez, Pharm.D. Prerequisites – PHRD 3000, P1 status.

This course is the first in a five-semester longitudinal course sequence intended to develop a broad range of skills necessary for current and future pharmacy practice. It is designed to parallel the didactic portion of the curriculum.