

C O U R S E B O O K

2006-2007

UNIVERSITY OF COLORADO
Health Sciences Center

ACADEMIC CALENDAR

2006-2007

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

SUMMER SEMESTER 2006

Early Start (Dental/Dental Hygiene)	May 22
Memorial Day Holiday (classes not in session)	May 29
Early Start (PharmD)	May 30
Summer Break (Dental/Dental Hygiene)	May 30-June 2
Last day to submit Application for Graduation [Aug 2006 MS/MSPH graduates]	May 31
Orientation: New BS School of Nursing students	May 31
Orientation: New CHAP/MPAS students	May 31
Orientation: Entry Level DPT students	June 1-2
Traditional Summer Semester begins	June 5
Diploma cards due for December graduates	June 9
Last day to drop/add	June 9
Orientation: New PhD School of Nursing students	June 9
Summer PhD intensive courses (School of Nursing)	June 12-July 14
Independence Day Holiday (classes not in session)	July 4
PhD Dissertation Boot Camp (School of Nursing)	July 16-20
Final Exams (Dental/Dental Hygiene)	July 17-21
Classes End (Dental/Dental Hygiene)	July 21
Final Exams: 8 week courses (School of Nursing)	July 25-28
8 week courses end (School of Nursing)	July 28
Last day to take final exams/thesis defense for Aug 2006 graduates	July 28
Summer Semester ends (Dental/Dental Hygiene)	July 28
Last day to submit thesis	August 4
Final Examination Week	August 7-11
Summer Semester ends	August 11
Final Exams (CHAP/MPAS)	August 14-17
Final Exams (DPT 2 nd Year, DPT 3 rd Year)	August 14-18
Final grades due	August 16
Summer Semester ends (DPT 2 nd Year, DPT 3 rd Year)	August 18
Summer Semester ends (CHAP/MPAS)	August 18
Summer Semester ends (School of Pharmacy)	August 18
August degree award date	August 18
Break (CHAP/MPAS)	August 18-24
Break (DPT 2 nd Year)	August 19-27
Break (DPT 3 rd Year)	August 19-September 4
Final Exams (DPT 1 st Year)	August 21-24
Final grades due (DPT 3 rd Year, CHAP/MPAS)	August 23
Interprofessional Ethics Class (DPT 1 st Year)	August 25
Summer Semester ends (DPT 1 st Year)	August 25
Break (DPT 1 st Year)	August 26-September 4
Final grades due (DPT 1 st Year)	August 30

FALL SEMESTER 2006

Orientation: First Year Dental Hygiene	July 14
Early Start (First year Dental Hygiene)	July 17
Orientation: First Year Dental students	August 15-18
Intro to Pharmacy and Orientation for First Year Pharmacy students	August 18-28
Early Start (Dental/Dental Hygiene)	August 21
Early Start (4th Year Pharmacy – P4)	August 21
Orientation: Graduate School	August 23
Orientation: New DNP School of Nursing students	August 24
Orientation: New Work Site School of Nursing students	August 25
Traditional Fall Semester begins	August 28
Rotation 1 (Basic Sciences)	August 28-November 17
Labor Day Holiday (classes not in session)	September 4
Fall Semester begins (DPT 1 st Year, DPT 3 rd Year)	September 5
PhD. Intensive Weeks (School of Nursing)	September 5-16
Last day to drop/add	September 8
Last day to submit Application for Graduation [Dec 2006 MS/MSPH graduates]	October 2
Final Exams Block I courses (School of Nursing)	October 16-20
Block I courses end (School of Nursing)	October 20
Block II courses begin (School of Nursing)	October 23
Final Exams (DPT 3rd Year)	November 6-7
Break (DPT 3rd Year)	November 8-12
Clinical Affiliation III (DPT 3rd Year)	November 13-February 2
Rotation 2: (Holiday Break: Nov. 23-24, Dec. 16-Jan. 1)-Basic Sciences	November 20-February 23
Last day to take final exams/thesis defense Dec 2006 MS & PhD grads	November 22
Thanksgiving Break	November 23-24
Last day to submit thesis (MS&PhD)	December 1
Diploma cards due for May graduates	December 8
December Graduate Reception (School of Nursing)	December 11
Final Exam Week	December 11-15
Final Exams (Block II courses-School of Nursing)	December 12-15
Final Exams (School of Pharmacy)	December 15, 18-21
Fall Semester ends	December 15
Degree award date	December 15
Final Exams (DPT 1st Year)	December 18-22
Final grades due	December 20
Break (Dental/Dental Hygiene)	December 21-January 1
Fall Semester ends (DPT 1st, DPT 3rd Year)	December 22
Fall Semester ends (School of Pharmacy)	December 22
Break (DPT 1st Year)	December 23-January 1
Final grades due (DPT 3rd)	December 27
Final grades due (Pharmacy)	December 27

SPRING SEMESTER 2007

Break (DPT 3rd Year)	December 23-January 1
Early Start (Dental/Dental Hygiene)	January 2
Early Start (DPT 1st, DPT 2nd, DPT 3rd Year)	January 2
Early Start (School of Nursing)	January 2
Clinical Education Affiliation I (DPT 1st)	January 2-26
Last day to drop/add for Early Start-School of Nursing	January 5
Early Start (Pharm 4th yr)	January 8
Last day to drop/add (Dental/Dental Hygiene)	January 12
Last day to drop/add (DPT 1st, DPT 2nd, DPT 3rd Year)	January 12
Martin Luther King Day (classes not in session)	January 15

Early Start (Pharm 1st, 2nd, 3rd Yrs)	January 16
Traditional Spring Semester begins	January 22
Block 1 classes begin (School of Nursing)	January 22
Ph.D. Intensive Courses (School of Nursing)	January 29-February 9
Last day to drop/add	February 2
Diploma cards due for August graduates	February 9
Clinical Education Affiliation IV (DPT 3rd Year)	February 12-May 4
President's Day (classes not in session)	February 19
Last day to submit Application for Graduation [May 2007 MS Graduates]	February 28
Rotation 3 (Basic Sciences)	March 5 – May 25
Block I Exams (School of Nursing)	March 12-16
Block I ends (School of Nursing)	March 16
Spring Break	March 19-23
Final Exams (DPT 2nd Year)	March 25-27
Block II begins (School of Nursing)	March 26
Spring Break (DPT 2nd Year)	March 28-April 1
Last day for PhD. Dissertation defense for Commencement (SON)	April 2
Clinical Affiliation II (DPT 2nd Year)	April 2-May 25
Last day to take final exams/thesis defense May 2007 MS & PhD grads	May 4
Final Awards Convocation (School of Pharmacy)	May 4
Final Exams (DPT 3rd Year)	May 5-7
Classes end (School of Pharmacy)	May 9
Last day to submit thesis	May 11
Final Exams (School of Pharmacy)	May 11, 14-17
Final Exam Week	May 14-18
Block II Exams (School of Nursing)	May 14-18
Spring Semester ends	May 18
Break (DPT 1st Year)	May 19-June 3
Board Review (Pharm 4th Yr)	May 21-23
Final grades due	May 23
CHAP/MPAS Convocation	May 24
Commencement Banquet (School of Pharmacy)	May 24
Spring Semester ends (DPT 3rd Year)	May 25
Annual Commencement	May 25
Graduate School Convocation	May 25
School of Nursing Convocation	May 25
Break (DPT 2nd Year)	May 26-June 1
Final Grades Due (DPT 3rd Year)	May 30

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.

Course focuses on the art and science of human care as foundations to nursing practice. Focuses on clinical judgment, basic nursing principles, key nursing interventions, facilitating health, understanding the patient 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 based on nursing diagnosis and DSM IV classifications are 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 promoting 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.

This course is one of a two-course sequence designed to enhance professional development. Content includes: historical, philosophical, theoretical, and ethical foundations of nursing; professional issues and trends; and two-selected practice/inquiry foci for theory-based, evidence-guided reflective nursing practice.

NURS 4070 Professional Nursing: Environmental Context for Practice: Bioethical & Legal Foundations

3.0 cr.

This course examines societal context of nursing practice and health care delivery. Emphasis is given to environmental context of U.S. health care system and bioethical/legal parameters which influence professional nursing practice, and achievement of quality/cost effective outcomes.

NURS 4097 Nursing Care of Adults with Complex Disease Processes **6.0 cr.**
Prereq: NURS 3001, NURS 3002, NURS 3003, NURS 3999 and two of (NURS 3307, NURS 3407, NURS 3507).
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 4517 Health Assessment **2.0 cr.**
This is a basic health assessment course for students who are enrolled in the UCHSC, RN-BSN program. These individuals are currently licensed to practice nursing, but who are prepared at the ADN or the diploma level.

NURS 4593 Case Management **6.0 cr.**
Innovative, integrated nursing case/care management models within context of 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 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 delivery of nursing care to individuals/groups of individuals in a variety of practice settings.

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

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

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

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

L = Lab
O = Traditional in-class format
I = WebCT offering exclusively
B = Blend of WebCT 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 for Advanced Nursing Practice Nurses **2.0 cr.**
Explores concepts and experiences of health and healing from different world health care systems and perspectives. Identifies new genetic, complementary, and alternative therapies used by patients and ramification of emerging therapies for advanced practice nurses.

NUDO 6052 Context of Patient, Population and Practice Management **3.0 cr.**
Addresses practical knowledge for management of nursing practices in independent and collaborative roles, individual and group settings, and in a context of changing health and health care financing policies. Explores financial issues faced by nurses in different practice settings, and legal parameters of practice.

- NUDO 6053 DNP Role in Practice, Population and Patient Management** **3.0 cr.**
 Innovative, integrated nursing care and disease management models within the context 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 patient, population and practice management.
- NUDO 6454 Advanced Reflective practice Integration Seminar** **1.0 cr.**
 In seminar and independent clinical experiences, students synthesize content in this area of study by applying aspects of advanced clinical decision making models, processes, and practices based on the sciences, arts, and humanities.
- NUDO 6055 Applied Evidence-Based Practice** **3.0 cr.**
 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.**
 Models of care, when applied to care delivery structures, can inform all aspects of patient care. Students review existing theoretical models of care and the application of these models in a variety of settings.
- NUDO 6058 Practice Epistemology: Expanding Ways of Knowing for Reflective Practice** **3.0 cr.**
 Using literary, artistic, and humanistic approaches to the human experience of birth, pain, suffering, maturation, and death, nurses expand their ways of assessing and understanding the human condition. Means of applying these ways of knowing to care situations and adjusting care in response to reflective practice are addressed.
- NUDO 6059 Cultural Competence for Advanced Practice** **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 7011 Clinical Practicum: Nursing Case Management** **5.0 cr.**
 Coreq: NUDO 7013 and current licensure as RN in the State of Colorado.
 Practicum covers case and care management within a variety of clinical settings. Students will develop and utilize integrated nursing care management models in the practice setting, and carry a caseload of client's representative of various age groups and cultures.
- NUDO 7013 Nursing Care/Case Management** **4.0 cr.**
 Coreq: NUDO 7011 and current licensure as RN in the State of Colorado
 Innovative, integrated nursing case and care management models within the context of managed care delivery systems are considered. Accountability, interdisciplinary collaboration, continuity of care, timeliness, and cost effectiveness of health care delivery are evaluated within the context of case management.
- NUDO 7018 DNP Research Project Proposal & Development** **1.0 cr.**
 Students prepare for the DNP Research Project by completing human subjects preparation, discussing ethical conduct of clinical research, selecting an appropriate design and method, and planning for subject recruitment and site selection.
- NUDO 8010 DNP Leadership Role Residency** **2.0 cr.**
 Expanded advanced practice nurse competencies include the application of knowledge related to reflective practice, contexts of care, and outcomes as nurses experience the DNP role.
- NUDO 8015 Capstone** **1.0 cr.**
 Coreq: NUDO 7011.
 This course integrates social justice with reflective practice relationship centered caring and diversity in a community service project with student participation; it consists of an introduction to and reflection on nurses as agents of social justice.

NUDO 8018 DNP Research Project

Students conduct a clinically applied research, evaluation, or action research project in order to improve patient care. **3.0 cr.**

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Graduate (Master's Level) Courses

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

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. **3.0 cr.**

NURS 6013 Human Technology Interface

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

NURS 6021 Evidence-Based Practice

Prereq: Undergraduate research course and descriptive statistics course, basic skills in computer and internet use. **4.0 cr.**
This course focuses on using published research, clinical expertise, and patient's values and preferences in evidence-based practice. Concepts in inferential statistics are emphasized in addition to obtaining, critiquing, and synthesizing available evidence to support implementation of evidence-driven clinical decisions.

NURS 6053 Gerontological Nursing: Advanced Practice Concepts

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. **3.0 cr.**

NURS 6113 Studies in Health Promotion and Lifestyle

This course critiques health promotion theories and policies, reviews health promotion guidelines across the lifespan and nutritional recommendations for health promotion. Nursing actions to enhance health promotion, through increasing client knowledge, self care, motivation and adherence are emphasized. **Variable cr.**

NURS 6222 Advanced Pharmacology and Therapeutics

Prereq: Graduate level nursing research or inferential statistics; NURS 6243. **3.0 cr.**
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

Prereq: Undergraduate anatomy & physiology course; undergraduate pathophysiology course. **3.0 cr.**
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** **Variable 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.**
 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 6353 Primary Care of Pregnant Woman** **3.0 cr.**
 Prereq: NURS 6243, NURS 6755, NURS 6761.
 This course focuses on advanced practice management with pregnant women and their families within a primary care model. Emphasis is on women with low to low-moderate risk factors in pregnancy; select high-risk problems are also addressed.
- NURS 6372 Care During Pregnancy and Birth** **Variable 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].
 1 Credit: Provides overview and management of low-risk prenatal and postnatal care of women.
 3 Credits: Develops critical thinking skills to plan, implement, and evaluate care including normal processes, high-risk, and emergent situations during labor, birth, and postpartum.

- NURS 6433 Health and Education Needs of Young Children with Disabilities** 2.0 cr.
 Prereq: Enrollment in Leadership Option: Care of Children with Disabilities/Chronic Conditions and their Families, or Post Master's certificate program Leadership Option: Care of Children with Disabilities/Chronic Conditions and their families. May be available as elective for upper division undergraduate students and other graduate-level students.
 This course prepares APN to educate and supervise paraprofessionals, teachers and other care providers to work with young children with disabilities and chronic conditions and their families in child care and early education settings.
- NURS 6477 Primary Health Care of Children: Well Child Care** Variable cr.
 Prereq/Coreq: NURS 6761.
 Focus of course is on advanced assessment, health promotion, disease and disability prevention for well children, birth through adolescence, including assessment and management of common developmental issues. Context is the child's family, culture, and community.
- NURS 6483 Ethics & Genetics: Caring for Children with Disabilities and Chronic Conditions** 3.0 cr.
 Prereq: 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. 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.
 Coreq: NURS 6477 (PNP students), others require permission of instructor.
 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.
 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: Disabilities & Chronic Illness** 4.0 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 6503 Community-Based Programs for Children with Special Needs** 2.0 cr.
 Prereq: NURS 6504, enrollment in PSN Masters/Post-Masters.
 Explores the role of the APN in community-based programs that impact children with special health care needs and their families. This course emphasizes diverse nursing roles, multicultural populations, and community-based settings.
- NURS 6504 Systems of Care for Children with Special Needs** 2.0 cr.
 Prereq: Enrollment in PSN Masters/Post-Masters.
 Explores the role of the advanced practice nurse in systems of care that impact children with special health care needs and their families. This course emphasizes diverse nursing roles, multicultural populations and system-level settings.
- NURS 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 6543 Assessment of Advanced Psychiatric-Mental Health Nursing** 3.0 cr.
 Overview of selected research and theory bases for assessment of psychiatric-mental health needs of individuals, families, and groups. Emphasizes identified concepts relevant across modalities and client groups (e.g. problem definition, strengths and contextual developmental, temporal, informational, and outcome factors.)
- NURS 6547 Advanced Psychopharmacology for Advanced Practice Nurses 1** 2.0 cr.
 Prereq: NURS 6243.
 Psychopharmacology and assessment, medication prescription, and follow-up of patients needing psychopharmacological interventions emphasizing pharmacokinetics and pharmacodynamics of specific medication classes. General issues of prescriptive practice (prescription writing procedures; legal/ethical/malpractice; on-call procedures; documentation, collaboration and consultation; fraud and abuse of medications).

NURS 6567 Introduction to Advanced Psychiatric/Mental Health Nursing 4.0 cr.

Prereq: NURS 6010.

Students are prepared to be APP/MHN by exploration and application of theories for mental health assessments and interventions involving individual patients, groups, communities, and organizations. Issues surrounding advanced practice roles and ethical-legal practice are examined.

NURS 6597 Advanced Psychopharmacology for Advanced Practice Nurses 2 2.0 cr.

Prereq: NURS 6547.

Psychopharmacology and assessment, medication prescription, and follow-up of patients needing psychopharmacological interventions. Provides integration of pathophysiology with medication treatment of major psychiatric illnesses. Special populations such as pregnancy, geriatrics, child/adolescents, management of alcohol and drug addiction are discussed.

NURS 6633 Advanced Public Health Nursing 3.0 cr.

Prereq: NURS 6010.

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 Systems 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 6744 Advanced Concepts in Palliative Care 3.0 cr.

Prereq: May be taken for course credit or CE credit; can be a clinical elective for BS Sr students; required elective course for palliative care in Adult CNS-MS tract.

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.

NURS 6744.

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 6750 Assessment Practicum in Advanced Psychiatric--Mental Health Nursing Variable cr.

Prereq: NURS 6533 Coreq: NURS 6543.

The first of a three-course sequence in APN in psychiatric-mental health. Seminar and supervised practice in advanced psychiatric-mental health nursing. Emphasis is on assessment of psychiatric-mental health needs of identified client groups.

NURS 6751 Advanced Practicum: Health Systems Leadership 3.0 cr.

Prereq: NURS 6303, NURS 6304, NURS 6305, NURS 6663, NURS 6673.

Required course in which students experience the APN role within a variety of health care settings. The course is designed to integrate and apply competencies required in health systems leadership.

NURS 6752 Advanced Practicum in Public Health Nursing

Variable cr.

Prereq: NURS 6010, NURS 6013, NURS 6021, NURS 6303.

This course provides students with experience in an advanced practice role within a variety of public health or community-based systems of care. Practicum experiences are designed to promote integration and application of the core competencies for public health professionals.

NURS 6755 Advanced Practicum 1

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 2

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 3

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 4

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: NURS 4517.

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 6827 Diagnosis and Management 1: Acute Alterations in Health

2.0 cr.

Prereq: NURS 6243, NURS 6761, NURS 6836. 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

Variable 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 2

3.0 cr.

Prereq: NURS 6222, NURS 6243, NURS 6547, NURS6761. Coreq: NURS 6755 (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 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 School of Nursing are offered under a variety of formats. The following legend is placed as a footnote on each semester's course schedule table to help students know about the courses they are registering for and formats for each of those courses. The letter in the legend corresponds to the first character of the section number. Students are responsible for checking the course schedule carefully, paying special attention to course formats, dates, and locations. All course offerings are subject to change.

L = Lab

O = Traditional in-class format

I = WebCT offering exclusively

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

C = Clinical

T = Telecom

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 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 and 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 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 7833 Aesthetics and Wisdom Traditions of Caring-Healing**Variable 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 (Doctoral)**2.0 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**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 6770 Advanced Practicum for Certification Requirements – CNS**Variable 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 6830 Essential Skills for the Clinical Educator Part 1:
Principles of Clinical Teaching and Learning****2.0 cr.**

Prereq: BS in Nursing

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

**NURS 6831 Essential Skills for the Clinical Educator Part 2:
Business Aspects of Clinical Education****3.0 cr.**

Prereq: BS in Nursing

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

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

Prereq: BS in Nursing

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

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.