

COURSEBOOK

2012-2013

UNIVERSITY OF COLORADO
Anschutz Medical Campus

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 Anschutz Medical Campus are committed to upholding all aspects of diversity as a necessary condition to achieving the institution’s stated objectives and mission.

Academic Calendar 2012 – 2013

College of Nursing

Summer 2012

First day to Apply for Diploma Card for August Graduates	Monday, February 9
First day for Diploma/Graduation Application for December Graduates	Monday, April 2
Pre-registration: College of Nursing (continuing students) Summer 2012	April 2- April 20
Pre-registration: College of Nursing (new students) Summer 2012	May 7- May 18
Late registration and add/drop begins College of Nursing Summer 2012	Monday, May 21
<i>Memorial Day Holiday</i>	<i>Monday, May 28</i>
Orientation: College of Nursing New BS students	May 31 & June 1
Last day to submit Application for Graduation to Grad School for MS Aug 2012 grads	Friday, June 1
CON Summer semester begins	Monday, June 4
Last day to drop/add	Friday, June 8
PhD Intensives	June 11-June 15
Diploma cards due date for August graduates	Monday, June 18
<i>Independence Day Holiday</i>	<i>Wednesday, July 4</i>
Pre-registration: College of Nursing (continuing students) Fall 2012	July 9- July 20
Pre-registration: College of Nursing (new students) Fall 2012	July 23-August 3
CON Final exams: 8-week courses	July 23- July 27
CON 8-week courses end	Friday, July 27
Last day to take final exam/thesis defense Aug 2012 MS & PhD grads	Friday, July 27
Last day to submit thesis (MS & PhD)	Friday, August 3
CON 10-week courses end	Friday, August 10
Traditional Final Exam Week	August 13- August 17
Traditional Summer semester ends	Friday, August 17
August degree award date	Friday, August 17
Final grades due (by noon)	Wednesday, August 22

Fall 2012

First day for Diploma/Graduation Application for December Graduates	Monday, April 2
Late registration and drop/add begins (College of Nursing)	Monday, August 6
Orientation: College of Nursing New MS, DNP, & PhD students	August 23 & August 24
CON Fall semester begins	Monday, August 27
Inter-professional Orientation	Wednesday, August 29
<i>Labor Day Holiday (classes not in session)</i>	<i>Monday, September 3</i>
Last day to drop/add	Friday, September 7
Diploma/Graduation Application due date for December graduates	Monday, September 17
Last day to submit Application for Graduation to Grad School for MS Dec 2012 grads	Monday, October 1
Final exam period – Block I courses (College of Nursing)	October 15- October 19
Block I courses end (College of Nursing)	Friday, October 19
Block II courses begin (College of Nursing)	Monday, October 22
Pre-registration College of Nursing (continuing students) Spring 2013	November 5-November 23
First day to Apply for Diploma/Graduation Application for May Graduates	Monday, November 12
Last day to take final exam/thesis defense for Dec 2012 MS & PhD grads	Wednesday, November 14
Last day to submit thesis (MS & PhD)	Wednesday, November 21
<i>Thanksgiving Break (Classes not in session)</i>	<i>November 22- November 23</i>
Pre-registration College of Nursing (new students) Spring 2013	December 3- December 21
Final Exam Week	December 10-December 14
Final exam period – Block II (College of Nursing)	December 10-December 14
December Graduates Reception (College of Nursing)	TBD
CON Fall Semester ends	Friday, December 14
December degree award date	Friday, December 14
Final grades due (by noon)	Monday, December 17

Spring 2013

First day for Diploma/Graduation Application for May Graduates	Monday, November 12, 2012
Late registration and drop/add begins (College of Nursing)	Wednesday, December 26, 2012
Orientation: College of Nursing New BS students	TBD
<i>Martin Luther King, Jr. (classes not in session)</i>	<i>Monday, January 21</i>
Block I begins (College of Nursing)	Tuesday, January 22
CON Spring Semester begins	Tuesday, January 22
Last day to drop/add	Friday, February 1
Diploma/Graduation Applications due for May graduates	Monday, February 11
<i>Presidents Day (classes not in session)</i>	<i>Monday, February 18</i>
Last day to submit Application for Graduation to Grad School May 2013 grads	Friday, March 1
Block I exam period (College of Nursing)	March 11-March 15
Block I ends (College of Nursing)	Friday, March 15
<i>Spring Break</i>	<i>March 18-March 22</i>
Block II begins (College of Nursing)	Monday, March 25
Last day for PhD Dissertation defense to walk in spring commencement	Monday, April 1
Pre-registration College of Nursing (continuing students) Summer 2013	April 1-April 19
Last day to take final exam/thesis defense for May 2013 MS & PhD grads	Friday, April 26
Pre-registration College of Nursing (new students) Summer 2013	April 29-May 17
Last day to submit thesis (Graduate School)	Friday, May 3
Final Exam Week	May 13-May 17
Block II exam period (College of Nursing)	May 13-May 17
CON Spring Semester ends	Friday, May 17
Final grades due (by noon)	Wednesday, May 22
Graduate School Convocation	Friday, May 24
Nursing Convocation	Friday, May 24
ANNUAL COMMENCEMENT	Friday, May 24

COLLEGE OF NURSING

Undergraduate Courses

NURS 3001 Health Assessment

3.0 cr.

Prereq: Admission to BS program, or permission of faculty.

Introduces skills of health assessment across the lifespan with a focus on the adult. Integrated throughout the content are foci of patient-centered care, evidence-based practice and patient safety.

NURS 3002 Fundamentals of Nursing

4.0 cr.

Prereq: NURS 3001.

Focuses on nursing interventions of the art and science of human care, as foundations for reflective nursing practice. Content emphasizes clinical judgment, basic nursing principles, key nursing interventions, and safety and quality improvement processes as vital components of patient-centered care.

NURS 3003 Pharmacology

3.0 cr.

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 3082 Essen NursPrac & Sci I

7.0 cr.

Prereq: Admission to BS program.

Focus on essential knowledge, skills, attitudes for beginning nursing practice. Emphasis on integrating pharmacology/pathophysiology of cellular, hematological, cancer, respiratory, CV, GI processes. Components for reflective nursing practice to effectively promote safe health care environments for individuals, families, providers modeled.

NURS 3092 Esen NursPrac & Sci II

7.0 cr.

Prereq: Successful completion of NURS 3122.

Focus on essential knowledge, skills, attitudes for beginning nursing practice. Emphasis on integrating pharmacology/pathophysiology of GU, integumentary, musculoskeletal, neurological, endocrine processes. Vital components for reflective nursing practice to effectively promote safe health care environments for individuals, families and providers modeled.

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 3122 Integ Nurs Sci&Prac I

4.0 cr.

Prereq: Successful completion of NURS 3082.

Integrates research process with clinical nursing practice for adults. Ability to critically evaluate evidence and assess applicability to individualized plan of care is integral to course. Application of knowledge from previous coursework supports planned nursing care through safety/quality initiatives.

NURS 3132 IntegNurs Sci&Prac II

4.0 cr.

Prereq: Successful completion of NURS 3122.

Continued integration of research process with adult health nursing practice. Ability to critically evaluate evidence and assess applicability to individualized plan of care is integral to course. Application of previous coursework supports planned nursing care through safety/quality initiatives.

NURS 3307 NsgCareChildbearFamily

6.0 cr.

Prereq: NURS 3001, NURS 3002, NURS 3003, NURS 3103.

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 judgment and critical thinking from a caring framework.

NURS 3337 ChildbearFam

5.0 cr.

Prereq: Admission to BS program; successful completion of all beginning level courses.

Integrates family-centered care, evidence-based practice, safety, teamwork and collaboration, informatics, and quality with emphasis on application of the concepts of health promotion, development, and transitions inherent with childbearing.

NURS 3407 NsgCare: Child/Adolesc

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 3447 NsgCareChildFam

5.0 cr.

Prereq: Admission to BS program; successful completion of all beginning level courses.

Students learn to provide nursing care to children and families by integrating the principles of family-centered care, evidence-based practice, quality and safety, teamwork and collaboration, informatics, genetics, emphasizing health promotion, child development, disability, and transition into the community.

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 3557 MentalHealthNsgLifespan

6.0 cr.

Prereq: Admission to BS program; successful completion of all beginning level courses.

Builds on knowledge, skills, and attitudes gained in the beginning level courses with a focus on intermediate knowledge, skills, and attitudes of providing nursing care for those individuals and groups across the lifespan with alterations in mood, cognition, and behavior.

NURS 3667 Care of the Older Adult

2.0 cr.

Prereq: Successful completion of all beginning level coursework.

Students apply the basic Foundations of Nursing Practice/Science and the Integration of Nursing Practice/Science with a particular emphasis on the assessment, care and evaluation of care of the healthy and ill older adult.

NURS 3770 Nursing Profession

1.0 cr.

Prereq: Admission to BS program.

Focuses on professional nursing responsibilities and development. Course content includes historical, philosophical, and theoretical foundations of nursing, professional issues and trends, and explores the nursing profession to provide a foundation for theory-guided, evidence-based nursing practice.

NURS 3999 Adult&ElderNsgCare

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 4051 ProfNsRefIPracSocJustice

3.0 cr.

Prereq: NURS 3001, NURS 3002, NURS 3003, NURS 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 4071 ProfNsgInterprofEthicsI

1.0 cr.

First of two courses in interprofessional ethics. Knowledge and skills necessary for interprofessional education/clinical practice emphasize ethical theory, communication skills, critical reasoning, and reflective deliberation within the moral and ethical dimensions of health care.

NURS 4072 ProfNsgInterprofEthicsII

1.0 cr.

Prereq: NURS 4071.

Second of two courses in interprofessional ethics. Builds on knowledge and skills necessary for interprofessional ethics and interprofessional approaches to decision making. Communication skills, critical reasoning, and reflective deliberation within the moral and ethical dimensions of health care are applied.

NURS 4073 ProfNsgInterprofLaw

1.0 cr.

Examine the societal context of nursing practice and health care delivery with an emphasis on legal parameters influencing professional nursing practice. This course follows two semesters of interprofessional ethics taught through the CU Medical School.

NURS 4097 Adults & Complex Nrsng

6.0 cr.

Prereq: NURS 3103, NURS 3002, NURS 3003, 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.

Prereq: Senior standing in BS Program or equivalence, or permission of program director.

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 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 4617 Complex Care Concepts

7.0 cr.

Prereq: Successful completion of beginning and intermediate courses.

Building on concepts from previous coursework, apply theory, client-centered and evidence-based principles to comprehensively care for complex adult patients in acute care settings.

NURS 4727 Independent Study

Variable cr.

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 4777 Public Health Nursing

6.0 cr.

Prereq: Admission to BS program; successful completion of beginning and intermediate nursing courses.

Evidence-based nursing and public health science applied to the health care of vulnerable and diverse individuals, families, and populations in community settings. Emphasis is on environmental context, social justice, inter-professional teamwork, and communication.

NURS 4807 Nursing Research-RN

5.0 cr.

Prereq: Admission to the RN-BS program.

This 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 taught through practicum/project development.

NURS 4813 Prof Nurs Concepts-RN

3.0 cr.

Prereq: Admission to the RN-BS program.

Builds on knowledge of historical, philosophical, theoretical foundations, professional issues/trends, and legal parameters influencing professional nursing practice and role development. Examines application of ethical theory, reflective deliberation, decision-making frameworks, and emphasizes accountability within moral, ethical, and legal dimensions of healthcare.

NURS 4817 TransformationalCare

9.0 cr.

Prereq: Successful completion of beginning, intermediate, and advanced courses.

Course explores how nursing provides leadership to promote positive patient outcomes. Evidence-based practice is used to facilitate clinical reasoning in provision of safe, quality, person-centered care. Transition into practice and professional development are promoted through transformational leadership and management competencies.

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.*

NURS 4837 Nurs Case Management-RN

6.0 cr.

Prereq: Admission to the RN-BS program.

Integrated nursing case and care management models within today's managed care delivery system are considered in this course. Accountability, interdisciplinary collaboration, care continuity, timeliness, and cost-effectiveness of healthcare delivery are examined. Includes role exploration and practicum project development.

NURS 4847 Public Health Nurs-RN

8.0 cr.

Prereq: Admission to the RN-BS program.

Evidence-based nursing and public health science applied to the health care of vulnerable and diverse individuals, families, and populations in community settings. Emphasis is on environmental context, social justice, inter-professional teamwork, and communication. Includes role exploration and practicum project development.

NURS 4857 Leadership-RN

8.0 cr.

Prereq: Successful completion of NURS 4807, NURS 4813, NURS 4837, NURS 4847.

Explores nursing leadership roles in promoting positive patient outcomes. Uses evidence-based practice to facilitate clinical reasoning/inquiry in providing safe, quality, person-centered care. Professional development is promoted through transformational leadership and management competencies. Includes role exploration and practicum project development.

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L = Lab

O = Traditional in-class format

I = Online offering exclusively

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

C = Clinical

T = Telecom

Doctor of Nursing Practice (DNP)

NUDO 6041 EmergingTherapiesAPN

2.0 cr.

Coreq: NUDO 6055.

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 AppEvidBasedPractice

3.0 cr.

Prereq: NURS 6031 or equivalent, NURS 6493 preferred.

Integrates evidence sources, clinical judgment, and patient preferences for clinical and professional decision-making. Advanced skills in informational retrieval, clinical epidemiology, critical appraisal, EBP models, and program design are emphasized to support implementation of evidence-based decisions by the advanced practice nurse.

NUDO 6057 DsgnTheory-GuidedCare

2.0 cr.

Prereq: NURS 6010.

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 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**2.0 cr.**

Prereq: NUDO 8010.

Students prepare for the DNP Capstone Clinical Project by completing human subject preparation, discussing ethical conduct of clinical research, selecting an appropriate design and method, and planning for subject recruitment and site selection.

NUDO 7856 IndependentStudy**Variable cr.****NUDO 8009 DNP Clinical Residency I****3.0 cr.****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**4.0 cr.**

Prereq: NUDO 7018.

Following completion of NUDO 7018 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 ApplEvidBasedPractice**3.0 cr.**

Prereq: NURS 6031 or equivalent, NURS 6493 preferred.

Integrates evidence sources, clinical judgment, and patient preferences for clinical and professional decision-making. Advanced skills in informational retrieval, clinical epidemiology, critical appraisal, EBP models, and program design are emphasized to support implementation of evidence-based decisions by the advanced practice nurse.

NURS 6286 Foundations Informatics**3.0 cr.**

This introductory course focuses on core concepts, skills, tools that define the informatics field and the examination of health information technologies to promote safety, improve quality, foster consumer-centered care, and efficiency.

NURS 6303 Epidemiology & Health**3.0 cr.**

Prereq: Graduate standing or permission of instructor.

Concepts and methods of epidemiology are applied to advanced nursing practice. Disease causation models and environmental factors are used to examine risks. Issues of environmental justice, models of health promotion, and disease prevention for populations will be examined and evaluated.

NURS 6493 Inferential Statistics**3.0 cr.**

This is an intermediate level statistics course for nursing graduate students. Topics covered include correlation, prediction and regression, hypotheses testing, t-tests, ANOVA, and ANCOVA. Nursing research studies are used as examples.

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L = Lab

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I = Online offering exclusively

B = Blend of online 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 – www.ucdenver.edu/academics/colleges/nursing/students/pages/academic-resources.aspx. BS in Nursing or permission of instructor is required for enrollment in Master's Program courses or permission of instructor.

NURS 6010 Theory in Nursing**3.0 cr.**

The purpose of this course is to introduce nursing's philosophical, ethical and theoretical frameworks as a foundation for advanced practice. Analysis, critique and application are emphasized.

NURS 6013 HumanTechInterface**2.0 cr.**

The analysis of the legal, ethical, policy, and human interface issues related to the impact of technology on individual, health care delivery system and the advanced practice nursing role.

NURS 6022 Health Systems & Policy

3.0 cr.

Focuses on the health care system, policy formation and analysis, economics, finance, outcomes, social justice, and the role of leadership. Evaluation of health care provides context for examining partnerships, models of care, emerging ethical, social, political, cultural and legal issues.

NURS 6031 APN Research Methods

4.0 cr.

Prereq: Undergraduate research course, basic statistics course.

This course focuses on research methods applicable to advanced 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 assessed.

NURS 6053 Adv Gero Concepts

3.0 cr.

Prereq: NURS 6222, NURS 6243, NURS 6761, or permission of instructor.

This course includes discussion of theories, current practice, and research relevant to normal and abnormal changes in late adulthood as well as physiological, psychosocial, cultural, spiritual, and environmental concepts related to advanced practice nursing and the older adult.

NURS 6113 HlthPromLifestyle

2.0 cr.

This course examines health promotion theories and policies, reviews health promotion guidelines across the lifespan, and examines evidence-based approaches. Nursing actions to enhance health promotion, through increasing client knowledge, self management and self care, motivation and adherence are emphasized.

NURS 6220 AdvAcuteCritCareNsqr

3.0 cr.

Prereq: One year experience in acute/critical care practice or Instructor permission; Coreq for matriculated students specializing in Acute and Critical Care: NURS 6755: Advanced Practicum – Adult CNS – 3 credits; Students taking course for elective credit for non-degree/professional development, or who are NPs, are not required to register for Advanced Practicum.

Course focuses on collaborative care of acute and critical illness in adults by Advanced Practice Nurses. Content includes theory- and evidenced-based management of selected cardiopulmonary, immunologic, and reproductive system disorders, code and acute pain management, role integration, and professional issues.

NURS 6222 Adv Pharm&Therapeutics

3.0 cr.

Prereq: NURS 6243.

This course prepares advanced practice nursing students 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 AdvPathophysiology

3.0 cr.

Prereq: Graduate standing or permission of instructor.

Advanced concepts of the dynamic aspects of disease processes provide a foundation for the assessment and management of acutely or chronically ill clients. Epidemiology, etiology, genetics, immunology, lifespan and cultural concepts, diagnostic reasoning, and current research findings are integrated throughout.

NURS 6274 Semantic Representation

3.0 cr.

Introduces the concept of classifying nursing phenomena to facilitate data management and retrieval. Topics include: minimum data sets, nursing language, classification systems and vocabularies, and relates each topic to nursing practice, administration, and research.

NURS 6279 Knowledge Management

3.0 cr.

Prereq: Minimum of one informatics course or permission of instructor.

The need for knowledge discovery, distribution, and management in clinical settings is examined. Knowledge Management techniques (probabilistic/statistical models, machine learning, data mining, queuing theory, computer simulation) are examined. The specification of a knowledge management comprehensive system for healthcare is developed.

NURS 6284 E-Health

3.0 cr.

Prereq: Computer competency.

The focus is on the design and application of e-health principles to the delivery of health care. Evidence-based support for e-health are examined within a context of the legal, ethical, social and public policy challenges of health care delivery system.

NURS 6285 HCI Design Principles

3.0 cr.

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 6286 Foundations Informatics

3.0 cr.

This introductory course focuses on core concepts, skills, tools that define the informatics field and the examination of health information technologies to promote safety, improve quality, foster consumer-centered care, and efficiency.

NURS 6289 IT Systems Life Cycle

3.0-4.0 cr.

Prereq: Minimum of one informatics course or permission of instructor.

This course focuses on a structured approach to information system development and implementation. The course addresses the five phases of the life cycle: planning, analysis, design, implementation and evaluation.

NURS 6293 Database Mgmt Systems

3.0 cr.

Prereq: NURS 6304 or permission of instructor.

This interdisciplinary course focuses on historical, theoretical, and application issues in the design and administration of a database management system. Theories and concepts of file and database structures are explored. Students apply database concepts to nursing problems and solutions.

NURS 6303 Epidemiology & Health

3.0 cr.

Prereq: Graduate standing or permission of instructor.

Concepts and methods of epidemiology are applied to advanced nursing practice. Disease causation models and environmental factors are used to examine risks. Issues of environmental justice, models of health promotion, and disease prevention for populations will be examined and evaluated.

NURS 6304 DecisionSupport

3.0 cr.

This course focuses on the identification, acquisition, analysis, interpretation and application of data. Application of decision-making strategies for advanced practice nurses will be emphasized in the areas of quality management and clinical decision support. Information management tools will be explored.

NURS 6343 Gynecologic Health Care

1.0-3.0 cr.

Prereq: NURS 6243, NURS 6761. Coreq: NURS 6222, NURS 6755 in specialty area; or permission of instructor.

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 High Risk Pregnancy

2.0 cr.

Prereq: NURS 6222, NURS 6243, NURS 6372, NURS 6755 (minimum of 1 cr in OB setting), NURS 6755, NURS 6761.

This course facilitates development of critical thinking necessary for the application of advanced practice management with women and their families experiencing a pregnancy with risk factors. Focus will be on the pre- and post- natal periods.

NURS 6372 Pregnancy & Birth

1.0-3.0 cr.

Prereq: NURS 6011, NURS 6222, NURS 6243, NURS 6761. Coreq: NURS 6755-6 C14 & C15.

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 Well Child Care

1.0-4.0 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 Genetics in APN

3.0 cr.

Prereq: Eligible as elective for MS, DNP and PhD students or permission of instructor.

Course covers fundamental genetic concepts in advance practice with emphasis on child and family nursing and addresses ethical implications. Content explores referrals, evaluation, and testing using an interdisciplinary approach.

NURS 6484 MCH Leadership

3.0 cr.

Prereq: Enrollment in MS, DNP or PhD program or permission of instructor.

Course focuses on development of advanced maternal and child health (MCH) knowledge and leadership skills needed to promote the well-being of children, women, and families, and to address health disparities among the underserved and vulnerable in the MCH population.

NURS 6487 Peds Minor Acute Illness**2.0-3.0 cr.**

Prereq: All students-NURS 6761; PNP students- NURS 6477 and 200 hours of completed clinical; Others-permission of instructor. Coreq: Minimum of 1 cr hr of advanced clinical practicum.

This course focuses on primary care and specialty practices of advanced practice nurses working with children with minor acute illness and their families. Content on theories of child development, the family, culture, and the environment is addressed.

NURS 6493 Inferential Statistics**3.0 cr.**

This is an intermediate level statistics course for nursing graduate students. Topics covered include correlation, prediction and regression, hypotheses testing, t-tests, ANOVA, and ANCOVA. Nursing research studies are used as examples.

NURS 6497 PedChronicIll/Disability**1.0-2.0 cr.**

Prereq: NURS 6477 & NURS 6487 (PNP/FNP). Others require foundation master's courses or permission of instructor. Coreq: NURS 6758-1 cr hr of specialized clinical in disability (PNP/PSN).

This course focuses on primary care and specialty practices of advanced practice nurses working with children with disabilities/chronic illness and their families. Theories of child development, the family, and the environment are 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: NURS 6758, NURS 6761, NURS 6477.

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/Comm Care CSHCN**4.0 cr.**

Prereq: Enrollment in Pediatric Special Needs Master's or Post-Master's program or permission of instructor.

Explores APN roles in systems of care and community-based programs serving children with special needs and their families. Emphasizes knowledge and skills for diverse pediatric nursing leadership roles with multicultural populations.

NURS 6593 Nsg Care/Case Mgmt**3.0 cr.**

Innovative, integrated nursing case and care management models within the context of today's managed care delivery system are considered in this course. Accountability, interdisciplinary collaboration, continuity of care, timeliness, and cost effectiveness of health care delivery are evaluated within the context of case management.

NURS 6633 AdvPublicHlthNursing**3.0 cr.**

Prereq: NURS 6010, NURS 6011.

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 6660 AdvPMHNPAssess&TherInterv**4.0 cr.**

Prereq: NURS 6243, NURS 6761. Coreq: NURS 6755, 2 cr hrs.

Theoretical and foundational knowledge of individual, group, and family therapy for advanced practice in psychiatric nursing across the lifespan. Focuses on psychiatric assessment, diagnosis, health promotion, disease prevention, and advanced psychiatric nursing therapeutic interventions across the lifespan.

NURS 6661 D&M Adults PMHNP**3.0 cr.**

Prereq: NURS 6660. Coreq: NURS 6756-6758, 3 cr hrs.

Advanced knowledge of evidence-based psychiatric-mental health nursing including assessment, diagnosis, health promotion, management, and evaluation of adults with mental illnesses and addictions. Emphasis on neurobiology, complex psychopharmacological and non-pharmacological treatments, and culturally-sensitive nursing interventions.

NURS 6662 D&MChildOlderAdult PMHNP**2.0-3.0 cr.**

Prereq: NURS 6660. Approval from Option Coordinator for FPMHNP Program.

Advanced psychiatric nursing assessment, diagnosis, health promotion, management, evaluation of children, adolescents, and older adults. Emphasis on complex individual, family, group therapies, neurobiology, psychopharmacological treatments, and developmentally, culturally-sensitive nursing interventions. Variable credit: Child (2), All Populations (3).

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 SysAssmt/ProgDesign/Eval

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 AdvPracAcuteCritCareNsg

3.0 cr.

Prereq: One year experience in acute/critical care practice preferred; NURS 6031; NURS 6243; NURS 6744; NURS 6761; NURS 6858; or permission of instructor. Pre- or Coreq: NURS 6055. Coreq: Minimum 1 cr hr in NURS 6756 or NURS 6757.

Focuses on diagnosis and collaborative care management of acute and critical illness in adults by Advanced Practice Nurses. Integrates advanced skill development; theory- and evidence-based disease management; clinical decision-making; unit-based organization and management issues; professional issues, and APN role concepts.

NURS 6744 AdvConceptPalliativeCare

3.0 cr.

Prereq: NURS 6010, NURS 6031, NURS 6761, NURS 6858. Coreq: Enrollment in a minimum of 1 cr hr in NURS 6755 or NURS 6756, or permission of instructor.

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. Participants will explore palliative care as acute, restorative, and comfort care with patient/family.

NURS 6745 CmplxSmptMgmtPallCareNsg

3.0 cr.

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 ComplexSympMgmtCNS

3.0 cr.

Prereq: NURS 6742, or permission of instructor. Coreq: Matriculated CNS Students NURS6757/58 Advanced Practicum—any of CNS sections ,1-3 crs

Focuses on diagnosis and collaborative care management of acute and critical illness in adults by Advanced Practice Nurses. Integrates advanced skill development; theory- and evidenced-based symptom assessment and disease management; clinical decision-making; leadership; professional issues, and APN role transition.

NURS 6750 AP:Adv Psych Mental Hlth

Variable cr.

Clinical Practicum in Advanced Psychiatric-Mental Health Nursing. Includes group seminars and supervised practice in Advanced Psychiatric-Mental Health Nursing. Emphasis is on evaluation of psychiatric-mental health nursing interventions with identified client groups.

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:CommunityAnalysis

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 focuses on beginning-level competencies in the Advanced Practice 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 focuses on beginning-level competencies and practice higher-level competencies in the Advanced Practice role (CNS/NP/CNM) with a selected client population.

NURS 6757 Advanced Practicum III

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 Advanced Practice 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 focuses on demonstrating competence in the Advanced Practice role (CNS/NP/CNM) with a selected client population.

NURS 6759 InformaticsAdvPracticum

Variable cr.

Prereq: Completion of a minimum of three informatics specialty courses.

This course allows students to integrate and apply informatics competencies in an advanced nursing practice role. The preceptored practicum and project require the student to engage in informatics specialist roles within a variety of health care settings.

NURS 6761 Advanced Assessment

3.0 cr.

Prereq: NURS 6243 preferred.

Students develop advanced skills in interviewing, physical examination, critical thinking, diagnostic tool use, and documentation required of advanced practice nurses providing care for clients across the lifespan. Case study analyses are used to expose students to common health complaints seen.

NURS 6767 APNOncNsgEpiPrevDs

3.0 cr.

Prereq: NURS 6761.

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: NURS 6761.

This course will provide the advanced nursing student with an in-depth understanding of the physiologic responses to cancer and cancer treatment for the adult individual including specific cancer treatments, emergent conditions, and corresponding symptom management via nursing interventions.

NURS 6783 APNOncNsgPsychosocResp

2.0-3.0 cr.

Prereq: NURS 6761.

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 6790 Sys & Leadership Theory

3.0 cr.

Course focuses on contemporary theories as they apply to healthcare systems and managerial role. Includes critical analysis of organizational, leadership, change and evidence-based practice theories. Emphasis is placed on application of theory to organizational analysis.

NURS 6791 State of Science 1:EBP

2.0 cr.

Prereq: NURS 6790.

The state of the science for evidence-based practice and translation science will be the focus of this course. Science related to the development of a protocol or practice and the science related to the implementation process will be addressed.

NURS 6792 State of Science 2:Env

2.0 cr.

Prereq: NURS 6790.

Course focuses on the state of the science related to the environment of health care and its effect on organizational, staff and patient outcomes. The manager's role in creating/enhancing the environment will be emphasized based upon the research available.

NURS 6793 Relational Communication

3.0 cr.

Study of theory, research, and praxis of relational communication within interpersonal, group, and organizational contexts. Relationship-building, effective communication and leadership competencies are emphasized for safety and quality improvement through reflection and self-awareness, shared decision-making, coaching, conflict management, and political navigation.

NURS 6794 Decision Support

3.0 cr.

The focus of this course is on the use of business intelligence to enhance enterprise decision support within the healthcare environment. Decision tools to support quality management and clinical decision making will be emphasized.

NURS 6795 Admin Internship

2.0 cr.

Prereq: NURS 6790, NURS 6791, NURS 6792, NURS 6793, NURS 6794.

The internship provides students the opportunity to apply and evaluate systems and leadership theories, concepts and skills in the work setting under the supervision of a preceptor. Course is designed as a capstone experience to integrate and apply competencies.

NURS 6796 Executive Leadership

3.0 cr.

This course examines attributes and issues associated with high-level administrative roles in health care organizations. It explores facets of leadership development in teams and organizations and processes by which people affect change in a variety of roles and situations.

NURS 6797 Quality Mgmt & Methods

3.0 cr.

Prereq: Admission to MS/DNP/PhD program or by permission of instructor.

Facilitates study of the identification, measurement and improvement of quality and the practical management issues related to implementing quality systems within organizations. Topics include historic and contemporary views of quality, statistical quality control tools, work and process flow design.

NURS 6827 Diagnosis & Mgmt I

2.0 cr.

Prereq: NURS 6243, NURS 6761. Pre- or Coreq: NURS 6222. Coreq: Minimum 2 cr hrs NURS 6755 or NURS 6756.

This course represents the diagnosis and management of the most common acute conditions in adults. A variety of approaches is used to emphasize the diagnosis and management of common problems in both the didactic content and seminars.

NURS 6836 Special Topics

Variable cr.

This course is a special topic selected each semester.

NURS 6837 Diagnosis & Mgmt II

2.0/3.0 cr.

Prereq: NURS 6827. Coreq: Minimum 2 cr hrs NURS 6756-58. PMHNPs not required to have these requisites.

This course provides content on the diagnosis, treatment, and management of adults with chronic conditions and the effects of these illnesses on their families. Evidence-based guidelines and current trends in primary care are discussed.

NURS 6846 Guided Research In Nsg

Variable cr.

Focuses on independent research in an area of interest to graduate nursing students.

NURS 6847 AcuteChronicAltWomen

2.0 cr.

Prereq: NURS 6222, NURS 6243, NURS 6761.

This course provides content on the diagnosis, treatment, and management of acute and chronic health alterations in women across the lifespan.

NURS 6856 Independent Study (MS)

Variable cr.

NURS 6858 AdvPractRoleProfIssues

1.0 cr.

Foundational concepts for role development/professional growth for advanced practice nurses are presented. Content focuses on role acquisition in intra- and interdisciplinary practice. Professional practice topics include theory- and evidence-based practice, professional involvement, reimbursement and legal and ethical issues.

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 6900 Introduction Urban Track

1.0 cr.

This course, required for all CU-UNITE Urban Track students, gives a broad overview of important issues in urban underserved health care, e.g., refugee care, health disparities, behavioral health. Pass/fail based on attendance.

NURS 6901 CU-UNITE Cultural Immers**1.0 cr.**

Prereq: Introductory Spanish course or proficiency at beginner level.

CU-UNITE Cultural Immersion is for CU-UNITE students only and falls between phase 1 & 2 of the program. In this 4-week summer experience in Costa Rica students will experience immersion in the culture and Spanish language with clinical and community health experience.

NURS 6902 Urban Underserved Care 2**1.0 cr.**

Prereq: NURS 6900.

This required CU-UNITE course is focused on issues in urban underserved care including: procedural skill development, an interdisciplinary community service project, discussion of personal qualities needed for serving urban, underserved populations and provider wellness.

NURS 6912 Executive Practicum**3.0 cr.**

Prereq: Permission of instructor.

In this practicum the student will experience the role of an executive in health care. Emphasis is on skill development for interprofessional relationships, strategic planning, organizational priority setting, fiscal management, change strategies, policy development and implementation, and executive practice.

NURS 6940 Candidate for Degree**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

O = Traditional in-class format

I = Online offering exclusively

B = Blend of online 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 – www.ucdenver.edu/academics/colleges/nursing/students/pages/academic-resources.aspx. 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 7101 Metatheory in Nursing I**3.0 cr.**

Prereq: Admission to PhD program. Co-req: First semester required courses.

This course examines the nature of nursing as an academic discipline, emphasizing varying perspectives of nursing's phenomena of interest, history of knowledge development, interrelationships between philosophies of science and nursing knowledge, and methods of theory analysis and evaluation.

NURS 7102 Metatheory in Nursing II**2.0 cr.**

Prereq: Completion of required first semester courses.

This course focuses on processes of knowledge development in nursing, including traditional and non-traditional methods. Application of a selected theory development method to a student-selected nursing phenomenon is required.

NURS 7201 Role of the Scientist I**1.0 cr.**

Prereq: Admission to PhD program. Co-req: First semester required courses.

This seminar course is designed to promote beginning professional role formation as PhD students transition to the role of the scientist.

NURS 7202 Role of the Scientist II**1.0 cr.**

Prereq: Completion of first year required courses.

This seminar course builds on Role of the Scientist I, emphasizing professional role development and ethical conduct as a member of the scientific community.

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 7430 ApplAnalLgSecondDatasets

3.0 cr.

Prereq: NURS 7400, NURS 7410, or equivalent.

Seminar with instruction, discussion, and application in the analysis of large secondary datasets for research. This course will include an overview of statistical analyses and software, data sources; conducting descriptive and inferential analyses using instructor or student provided datasets; and interpretation of results.

NURS 7440 Instrumnt:EvalConstrTest

3.0 cr.

Prereq: NURS 6493.

This course provides a knowledge base in the process of instrumentation to measure psychosocial and behavioral phenomena. Techniques to evaluate existing instruments will be followed by methods for designing and testing the psychometric properties of new instruments.

NURS 7510 Nurs Scientific Inquiry

4.0 cr.

Prereq: Admission to the PhD program and first semester required courses.

An introduction to qualitative and quantitative methods of inquiry to guide the selection of methods for knowledge development in nursing science. Emphasis on the integration of midrange theory, literature analysis and synthesis for development of researchable questions and methods selection.

NURS 7621 Qualitative Methods I

3.0 cr.

Prereq: Completion of required course work for Yr 1 and Summer Yr 2.

A range of qualitative research approaches are critically analyzed exploring contemporary qualitative designs and underlying theoretical models. Students will develop a qualitative research proposal appropriate for student's doctoral research questions and consistent with IRB requirements.

NURS 7622 Qualitative Methods II

3.0 cr.

Prereq: Completion of required courses for Yr 1, Summer Yr 2, and Fall Yr 2.

Examine and apply analytic approaches that encompass the full range of types of qualitative data. This course provides students with opportunities to apply new skills and knowledge related to their interests, including critique and dissemination of qualitative reports.

NURS 7631 Quantitative Methods I

3.0 cr.

Prereq: Completion of required courses for Yr 1 and Summer Yr 2.

In-depth study of principles foundational to quantitative research including causation, sources of error, measurement, the focal unit, and internal and external validity; experimental and quasi-experimental designs; and methods of statistical analysis for these designs.

NURS 7632 Quantitative Methods II

3.0 cr.

Prereq: Required courses for Yr 1, Summer Yr 2, and Fall Yr 2.

In-depth study of principles foundational to quantitative research including causation, prediction, explanation, and power; descriptive and exploratory research designs; methods of statistical analysis for these designs; and meta-analysis.

NURS 7720 HCS I: Eval HC Del Sys

3.0 cr.

Prereq: NURS 7101, NURS 7102, NURS 7201, NURS 7510, NURS 7801, NURS 7802, NURS 7803.

Focuses on description/evaluation of health care delivery across the continuum of care and integration of nursing care with health care delivery. HCS middle-range theories for descriptive/evaluative research are examined. Advanced methods for research at the system level are addressed.

NURS 7730 HCS II: Chang HC Del Sys

3.0 cr.

Prereq: All first Yr and summer/fall second Yr required courses.

Focuses on improving health care delivery across the continuum of care. Change theories and theoretical grounding for system level interventions are analyzed. Application includes advanced methods/designs for assessing the effects of change. The information technology/care delivery interface is examined.

NURS 7740 BBS I: Intra Det/Phen

3.0 cr.

Prereq: First Yr PhD required courses for the Biobehavioral Science focus.

This course focuses on the intrapersonal biobehavioral determinants that underlie health-related phenomena, including psychosocial, behavioral, and biological mechanisms and processes.

NURS 7750 BBS II: Inter Phen/Det

3.0 cr.

Prereq: First Yr and second Yr summer PhD required courses for the Biobehavioral Science focus.

This course focuses on the interpersonal phenomena that arise from interrelationships among psychosocial, behavioral, and environmental determinants of health states across the lifespan.

NURS 7760 BBS III: Interventions

2.0 cr.

Prereq: Required courses for Yr 1, summer Yr 2, fall Yr 2.

Introduction to conceptualization, development, and testing of biobehavioral interventions; identification and measurement of biobehavioral outcomes. Attention is also given to the design of clinical trials to test biobehavioral interventions, questions of efficacy and effectiveness, and issues of implementation and fidelity.

NURS 7801 HCS I: Systems Thinking

1.0 cr.

Prereq: Admission to PhD program. Coreq: First semester required courses.

Beginning exploration of systems thinking and application to health care systems inquiry is discussed in seminar format. Students will be introduced to contextual aspects of systems thinking and will explore applications to knowledge development in their area of substantive interest.

NURS 7802 HCS II: Sys Questions

1.0 cr.

Prereq: Completion of required first semester courses.

Development of key questions in the field of health care systems research will be discussed in seminar format. Students will develop research questions related to their own area of research interest.

NURS 7803 HCS Seminar 3

2.0 cr.

Prereq: All required first Yr courses.

Interrogation of extant HCS literature using integrative and systematic frameworks to review the state of the science in student's area of interest. Identification of state of the science and appropriate research methods to address the gaps in knowledge.

NURS 7821 Biobehavioral Seminar I

1.0 cr.

Prereq: Admission to PhD program. Coreq: First semester required courses.

Beginning exploration of biobehavioral science and application to inquiry is discussed in seminar format. Students will be introduced to contextual aspects of biobehavioral phenomenon and determinants and will explore applications to knowledge development in their area of substantive interest.

NURS 7822 Biobehavioral Seminar II

1.0 cr.

Prereq: Completion of first semester required courses.

Development of key questions in the field of biobehavioral research will be discussed in seminar format. Students will develop a problem statement and research questions related to their own area of research interest.

NURS 7836 Special Topics

Variable cr.

This course is a special topic selected each semester.

NURS 7856 IndependentStudy

Variable cr.

NURS 7866 EB Teaching Practicum

3.0 cr.

Prereq: A graduate-level course or content module in adult learning theory and/or curriculum design, teaching and learning strategies.

Students integrate knowledge about curriculum design, teaching strategies, and evaluation methods as a student teacher in mentored classroom, clinical, simulation, and/or online environment. Practicum experiences incorporate direct student contact, lesson and evaluation method planning, evaluation of learning outcomes, and self-evaluation.

NURS 7867 EB TeachingCurricDesign

3.0 cr.

Prereq: Graduate standing, or permission of instructor.

Theoretical and evidence-based foundations of academic teaching and learning. Content includes theoretical principles; legal/ethical issues; curriculum development; strategies to promote critical thinking, active learning, online and classroom assessment techniques, teaching using technology, and faculty role.

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
- O = Traditional in-class format
- I = Online offering exclusively
- B = Blend of online offering plus some in-class sessions
- C = Clinical
- T = Telecom (Interactive video for distance students)

Professional Development Courses

Open Enrollment

The University of Colorado, College of Nursing's Office of Lifelong Learning (OLL), is committed to developing and implementing programs for nursing professional development, extended studies, and continuing education. We present a broad range of transferable graduate-level courses, on a local and national level, to meet the needs of current nursing students, new graduates, practicing nurses and Advanced Practice Nurses. We offer many educational resources including our new online MS degree, Innovation in LEadership and ADministration in Nursing and Health Care Systems (iLEAD); a Palliative Care Certificate program, as well as several Health Care Informatics Certificate programs.

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.

The opportunity to register for open enrollment courses is provided through our Office of Lifelong Learning at 303-724-1372 or by visiting our website at <http://www.nursing.ucdenver.edu/profdev>. Open enrollment is available each semester, via submission of an enrollment request form found on the website. Registrants are initially waitlisted then move to an enrolled status as space becomes available (after current and new students register). Please see our open enrollment courses below.

NURS 6288 Standards and Regulatory

3.0 cr.

Examines the standards and regulations as well as the policy-making organizations that influence Health IT. The specific focus is an examination of federal regulations related to meaningful use, EHR adoption and health information exchange, and other related standards.

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 AdvConceptPalliativeCare

3.0 cr.

Prereq: NURS 6010, NURS 6031, NURS 6761, NURS 6858. Coreq: Enrollment in a minimum of 1 cr hr in NURS 6755 or NURS 6756, or permission of instructor.

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. Participants will explore palliative care as acute, restorative, and comfort care with patient/family.

NURS 6745 CmplxSmptMgmtPaliCareNsg

3.0 cr.

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.