

RUECKERT-HARTMAN COLLEGE FOR HEALTH PROFESSIONS

- Bachelor of Science in Foundations in Pharmacy (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/school-pharmacy/foundations-pharmacy-bs/>)
- Bachelor of Science in Health and Exercise Science (HES) (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/school-rehabilitative-and-health-sciences/health-exercise-science-bs/>)
- Bachelor of Science in Nursing (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/loretto-heights-school-nursing/nursing-bs/>)
- Doctor of Nursing Practice (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/loretto-heights-school-nursing/doctor-nursing-practice/>)
- Doctor of Pharmacy (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/school-pharmacy/doctor-pharmacy/>)
- Doctor of Physical Therapy (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/school-rehabilitative-and-health-sciences/doctor-physical-therapy/>)
- Fellowship in Orthopaedic Manual Physical Therapy Program (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/school-rehabilitative-and-health-sciences/fellowship-program/>)
- Health Care Business Management Certificate (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/school-pharmacy/graduate-certificates/health-care-business-management-certificate/>)
- Health Care Education (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/loretto-heights-school-nursing/graduate-academic-certificates/health-care-education/>)
- Health Care Informatics (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/loretto-heights-school-nursing/graduate-academic-certificates/health-care-informatics/>)
- Health Care Informatics (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/school-pharmacy/graduate-certificates/health-care-informatics/>)
- Health Care Quality and Patient Safety Certificate (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/school-pharmacy/graduate-certificates/health-care-quality-patient-safety-certificate/>)
- Master of Arts and Counseling (MAC) (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/school-of-mental-and-behavioral-health/master-arts-counseling-mac/>)
- Master of Arts in Marriage and Family Therapy (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/school-of-mental-and-behavioral-health/master-arts-marriage-family-therapy/>)
- Master of Business Administration Dual Degree Program Requirements (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/school-pharmacy/dual-degree-programs/master-business-administration-dual-degree/>)
- Master of Science Degree in Nursing (MS) (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/loretto-heights-school-nursing/nursing-ms/>)
- Master of Science Degree in Nursing Completion Option for Certified Nurse Practitioners (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/loretto-heights-school-nursing/nursing-ms-completion-option-certified-nurse-practitioners/>)
- Master of Science Drug Development (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/school-pharmacy/master-of-science-drug-development/>)
- Master of Science Drug Development Dual Degree (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/school-pharmacy/dual-degree-programs/master-science-drug-development-dual-degree/>)
- Master of Science in Health Informatics Dual Degree Program Requirements (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/school-pharmacy/dual-degree-programs/master-science-health-informatics-dual-degree/>)
- Master of Science in Health Services Administration Dual Degree Program Requirements (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/school-pharmacy/dual-degree-programs/master-science-health-services-administration-dual-degree/>)
- Minor in Health and Exercise Science (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/school-rehabilitative-and-health-sciences/health-exercise-science-minor/>)
- Pharmaceutical Industry Affairs Certificate (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/school-pharmacy/graduate-certificates/pharmaceutical-industry-affairs-certificate/>)
- Post-Graduate Academic Certificate in Child-Centered Play Therapy (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/school-of-mental-and-behavioral-health/smhc-post-graduate-academic-certificates/post-graduate-academic-certificate-child-centered-play-therapy/>)
- Post-Graduate Academic Certificate in Marriage and Family Therapy (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/school-of-mental-and-behavioral-health/smhc-post-graduate-academic-certificates/post-graduate-academic-certificate-marriage-family-therapy/>)
- Post-Master's Certificate for Family, Neonatal Nurse, or Psychiatric Mental Health Nurse (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/loretto-heights-school-nursing/graduate-academic-certificates/post-masters-certificate-family-neonatal-nurse-psychiatric-mental-health-nurse-practitioners/>)
- Residency in Orthopaedic Physical Therapy Program (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/school-rehabilitative-and-health-sciences/residency-program/>)
- School of Rehabilitative and Health Sciences (<https://catalog.regis.edu/rueckert-hartman-college-health-professions/school-rehabilitative-and-health-sciences/>)

Core Requirements Undergraduate Core Studies

Unless otherwise indicated in this section, policies included in the General Information section of this *Catalog* apply to the Rueckert-Hartman College for Health Professions.

The Liberal Arts Core requirements vary somewhat among the three major academic units of the University. In undergraduate programs

offered by Regis College, the School for Professional Advancement, and the Rueckert-Hartman College for Health Professions, some of the Core requirements may be met by courses considered prerequisites for a specific major. The Core requirements for students in undergraduate programs offered by the Rueckert-Hartman College for Health Professions except for Accelerated Nursing students are as follows.

Code	Title	SHs
Core Studies Requirements		
English/Literature/Humanities/Oral and Written Communication/Writing		6.00
Natural Science/Mathematics/Computer Science		9
Health Care Ethics		3.00
Religious Studies		3.00
Business/Economics/Social Science		3.00
Total SHs		24

Courses

Undergraduate

Health Care Ethics (HCE)

HCE 430 Applied Ethics in Health Care (3.00 credit hours)

Examines ethical dilemmas in health care and the decision making processes involved in clinical professional and organizational ethics. Explores philosophical and faith-based foundations including Catholic moral tradition socio-cultural influences professional codes organizational and personal ethical norms. Case studies and topics are analyzed to develop competence in moral reflection and ethical decision making with consideration of personal professional and societal values.

Note(s): For pre-nursing majors only.

Health and Exercise Science (HES)

HES 210 Intro to Health & Exercise Science (3.00 credit hours)

Examines models of health and explores social economic cultural political and environmental factors that impact health. Introduces principles of exercise across the lifespan from a biomechanical motor behavior physiological nutritional and psychological perspective.

HES 311 Research Design & Statistics (3.00 credit hours)

Introduces research theory concepts inferential and descriptive statistical analysis and study design. Analyzes relevant literature and applies qualitative and quantitative design methodology and interpretation.

Prerequisite(s): MT 201 or equivalent.

HES 350 Normal & Therapeutic Nutrition (3.00 credit hours)

Studies the science of nutrition. Presents the nutritional requirements of humans as the basis for planning an adequate diet with consideration giving to variation in food choices due to a variety of social economic cultural and psychological factors. Emphasizes the integration of nutritional needs in the care of self and others throughout the life cycle in health and disease.

HES 374 Applied Human Anatomy (3.00 credit hours)

Examines the relationships of the musculoskeletal nervous integumentary cardiac pulmonary gastrointestinal renal and reproductive systems of the human body. Integrates cellular and structural factors with clinical application at regional and systemic levels.

HES 375 Applied Human Anatomy Lab (1.00 credit hours)

Demonstrates specific regional and systemic relationships of the human body systems as they relate to a clinical model. Incorporates the use of human cadaveric preparations and models.

Note(s): Lab fee required.

HES 376 Applied Human Physiology (3.00 credit hours)

Examines metabolic neuromusculoskeletal cardiac respiratory renal digestive endocrine and reproductive systems including membrane function electrical activity of cells neurophysiology muscle physiology blood and immune responses and cellular endocrinology. Includes applicable cellular chemical concepts.

HES 377 Applied Human Physiology Lab (1.00 credit hours)

Integrates current physiological tests of the human body systems designed to interpret normal and abnormal physiological values in the clinical model.

HES 418 Health Psychology (3.00 credit hours)

Examines the influence of psychological and social variables on health and activity participation. Focuses on stress management motivation adherence access barriers and support systems across the lifespan. Cross-Listing: PSY 425.

Prerequisite(s): PSY 250.

HES 420 Kinesiology (3.00 credit hours)

Examines anatomical concepts of the musculoskeletal and nervous systems that form the basis of analysis of human movement. Analyzes joint movement complex muscular activity and integration of the nervous system. Corequisite(s): HES 421.

Prerequisite(s): HES 374 and HES 375.

Note(s): Permission of instructor required for all non-majors.

HES 421 Kinesiology Laboratory (1.00 credit hours)

Applies functional anatomy concepts to human movement. Examines anatomical relationships through cadaver prosection models and other modalities. Corequisite(s): HES 420.

Prerequisite(s): HES 374 and HES 375.

Note(s): Permission of instructor required for all non-majors.

HES 430 Physiology of Exercise (3.00 credit hours)

Explores concepts of nutrition and energy production/expenditure during exercise. Examines adaptations of the pulmonary cardiovascular skeletal muscle nervous urinary gastrointestinal and endocrine systems to the stresses of exercise across the lifespan. Co-requisite(s): HES 431.

Prerequisite(s): HES 374 HES 375 HES 376 and HES 377.

Note(s): Permission of instructor required for all non-majors.

HES 431 Physiology of Exercise Lab (1.00 credit hours)

Applies exercise physiology principles and methods to analysis of human movement. Examines theoretical concepts during performances assessment of various physiological systems. Corequisite(s) HES 430. Lab fee required.

Prerequisite(s): HES 374 HES 375 HES 376 and HES 377.

Note(s): Permission of instructors required for all non-majors.

HES 434 Exercise Prescription (3.00 credit hours)

Explores evidence based concepts for the design of exercise programs with special consideration for the normal aging process. Places emphasis on current professional guidelines for exercise prescription. Co-requisite(s): HES 435.

Prerequisite(s): HES 376 HES 377 HES 420 HES 421 HES 430 and HES 431.

Note(s): Permission of instructor required for all non-majors.

HES 435 Exercise Prescription Lab (1.00 credit hours)

Applies practical and theoretical concepts of exercise prescription across the lifespan with practice exercise prescription and progression of exercise programs for specific cases using current best evidence. Co-Requisite: HES 434.

Prerequisite(s): HES 376 HES 377 HES 420 HES 421 HES 430 AND HES 431.

Note(s): Permission of instructors required for all non-majors.

HES 438 Nutrition Across the Lifespan (3.00 credit hours)

Investigates sources and functions of nutrients in all stages of the life cycle. Emphasizes topics of dietary guidelines and nutritional assessment when considering eating disorders weight loss sports nutrition food safety the diet-disease relationship and analysis of special nutritional requirements and needs during the life cycle. Includes service learning.

Prerequisite(s): HES 376 HES 377 HES 430 HES 431 and NR 350.

Note(s): Permission of instructor required for all non-majors.

HES 439 Population-Based Exercise Programs (3.00 credit hours)

Explores exercise program development and implementation to address goals of improved health fitness and weight management in community corporate and other fitness settings. Examines strategies for exercise promotion education and supervision.

Prerequisite(s): HES 434 and HES 435.

Note(s): Permission of instructor required for all non-majors.

HES 440 Concepts of Motor Behavior (3.00 credit hours)

Examines principles of human motor control learning and development. Explores learner and environmental factors influencing motor performance and long-term retention of motor skills. Includes application of theoretical principles and research findings to practical settings. Co-requisite(s): HES 441.

Prerequisite(s): HES 374 HES 375 and PSY 250.

Note(s): Permission of instructor required for all non-majors.

HES 441 Concepts of Motor Behavior Lab (1.00 credit hours)

Introduces motor behavior experimental methods for quantitative and qualitative analysis of human movement learning and control during static and dynamic activities. Integrates theoretical concepts with practical applications. Corequisite(s): HES 440.

Prerequisite(s): PSY 250 HES 374 and HES 375.

Note(s): Permission of instructors required for all non-majors.

HES 445 Ethics and Health (3.00 credit hours)

Examines ethical issues in the promotion of human health. Topics include bioethical issues across the lifespan as well as contemporary challenges related to community health health policy health research emerging technologies and global health.

HES 450 Biomechanics of Exercise (3.00 credit hours)

Evaluates internal and external forces acting on the human body. Performs quantitative and qualitative evaluations with the associated kinematic and kinetic variables to describe body movements. Co-requisite(s): HES 451.

Prerequisite(s): PH 202A PH 205A HES 311 and HES 374.

Note(s): Permission of instructor required for all non-majors.

HES 460 Community Health Behavior Change (3.00 credit hours)

Many of the problems observed in today's society can be linked directly or indirectly to human behavior. But regular participation in adaptive behaviors is associated with improved outcomes such as better health and well-being and positive mental health. This class introduces theories of behavior change discusses common behavioral issues communities face and uses community health data to help identify key areas for behavior change interventions.

HES 471 Social Determinants of Health (3.00 credit hours)

Offers a critical examination of health disease and well-being through a lens of social determinants of health bridging local and global health issues. The class covers health policy cultural factors and other social determinants of health including race ethnicity gender sexuality and socioeconomic factors. Students will learn how an understanding of these determinants of health can help them treat their future clients and patients.

HES 490E-W Independent Study in Health-ES (1.00-3.00 credit hours)

Offers an opportunity for independent advanced study in one of the specific Health and Exercise Science disciplines. Majors only.

Note(s): Approval of Program Director required.

HES 498E-W Internship in Health & Exercise Science (1.00-6.00 credit hours)

Involves placement in a clinical or research facility to experience the application of concepts of Health and Exercise Science. Adult CPR and AED certification or BLS certification through American Heart Association or American Red Cross. Approval of HES Internship Coordinator required.

Prerequisite(s): Junior or Senior standing.

Note(s): Majors only.

Nursing (NR)

All "NR" courses are for nursing majors only.

Nursing courses designated with an "H" are for the Traditional program honors students only.

NR 350 Normal & Therapeutic Nutrition (3.00 credit hours)

Studies the science of nutrition. Presents the nutritional requirements of humans as the basis for planning an adequate diet with consideration giving to variation in food choices due to a variety of social economic cultural and psychological factors. Emphasizes the integration of nutritional needs in the care of self and others throughout the life cycle in health and disease.

NR 400 Concepts- Professional Nursing Role (1.00 credit hours)

Explores professional nursing roles and values as the foundation to professional nursing practice. Nursing theory is introduced and students are shown how theories guide professional nursing practice. Students are introduced to the components of evidence-based practice and given strategies for sound literature searches. Students will explore issues of culturally unique care circumstances and develop methods to provide culturally congruent care for all patients. Course includes a service learning component that focuses the student on the older adult identifying potential social injustices faced by this population. This geriatric focus also includes an exploration into potential cognitive changes that occur with aging and provides students with therapeutic measures to apply when those changes present themselves.

Prerequisite(s): NR 416.

Note(s): Nursing majors only.

NR 401 Nursing Honors Seminar I (1.00 credit hours)

The first course in the Honors curriculum. The focus of this course is the exploration of various nursing issues to assist the student in identifying potential topics of individual interest. Students will explore topics from a variety of academic perspectives. Potential faculty and community mentors will be introduced. The use of scientific inquiry and basic exploration of nursing research will be emphasized as tools that will be used throughout the Honor's Curriculum. The concept of reflective practice will be introduced. Traditional nursing students admitted to Honors Program only.

Note(s): Nursing majors only.

NR 402 Nursing Honors Seminar II (1.00 credit hours)

The second course in the Honors curriculum. The focus of this course is the identification of nursing issues of individual interest. The development of a research or clinical project will be explored. Students will develop topics from a variety of academic perspectives including: reflective and evidence-based practice argumentation and critical thinking. Potential faculty and community mentors will be identified.

Corequisite(s): NR 420H.

Prerequisite(s): NR 401.

Note(s): Nursing majors only.

NR 403 Nursing Honors Seminar III (1.00 credit hours)

This is the third in a series of four Honors Seminars. Seminar is focused on nursing leadership. Students use a variety of perspectives methods of inquiry and conceptual frameworks in planning implementing and evaluating a leadership honors project. The concept of collegiality and reflective practice continues to be an important component of personal and professional development. Potential faculty and community mentors for the leadership project are identified. Corequisite(s): NR 422H.

Prerequisite(s): NR 402.

Note(s): Nursing majors only.

NR 404 Nursing Honors Seminar IV (1.00 credit hours)

This is the final in the series of Nursing Honors Seminars. Seminar focuses on systems-level interventions to improve health outcomes. Students will continue to explore a variety of perspectives methods of inquiry and conceptual frameworks as the foundation for the community health-focused Honors project(s) to be completed this semester in collaboration with faculty and community mentors. The concept of reflective practice will continue to be an important component of personal and professional development. Students present an oral and written reflective synthesis of their Honors experience to a group of professional peers and colleagues (including faculty). Corequisite(s): NR 472H.

Prerequisite(s): NR 403.

Note(s): Nursing majors only.

NR 412 Pathophysiology (3.00 credit hours)

Designed to promote the understanding of altered physiological processes. General concepts of disease including etiology pathogenesis and clinical significance are explored from the genetic cellular organ and systems level. An early introduction to the principles of clinical reasoning explores major concepts in a systems-oriented approach.

Note(s): Nursing majors only.

NR 413 Pharmacology (3.00 credit hours)

Provides a foundation of the principles of pharmacodynamics and pharmacokinetics. Drug therapy actions and interactions related to therapeutic and undesirable effects are discussed in relation to health promotion and disease management across the lifespan. Major drug classes are paired with body systems with an emphasis on the mechanisms of action indications contraindications and adverse effects. Patient-centered nursing considerations will be discussed to include education and safety measures based on environmental socio-cultural spiritual and economic issues.

Note(s): Nursing majors only.

NR 414 Health Assessment Across the Lifespan (3.00 credit hours)

This classroom and laboratory course introduces a holistic approach to the assessment of individuals across the lifespan. Includes evaluation of physiological developmental psychosocial spiritual age related socio-economic and socio-cultural components. Students learn to use beginning history taking and physical assessment skills to collect and document data systematically. Provides students the opportunity to practice assessments and related nursing skills while respecting patient and family preferences to provide safe person-centered and compassionate care.

Prerequisite(s): NR 416.

Note(s): Nursing majors only.

NR 416 Foundations- Profssnl Nursing Practice (4.00 credit hours)

Classroom and lab course that socializes students from the cornerstone of liberal arts education to professional nursing education at Regis University. Introduces students to the nursing process and clinical judgement model which provides foundational tools to help students develop sound clinical reasoning skills enabling them to plan safe high quality patient care. Introduces students to a wide variety of patient care skills to be employed across the lifespan and provides them with simulations in preparation for safe clinical practice. Introduces strategies to facilitate therapeutic relationships with patients through the development of sounds communication techniques. Challenges students to place themselves in the role of the baccalaureate prepared nurse and develop mindfulness of the legal parameters of professional nursing practice set by the American Nurses Association.

Note(s): Nursing majors only.

NR 420 Evidence Based Px in Nsg & Hc Infomatics (3.00 credit hours)

Presents two essential elements for best practice in nursing. Evidence-based practice integrates current scientific evidence with clinical expertise and patient/family preferences for optimal health care. Develops related knowledge skills and attitudes by forming journal clubs to critique published nursing studies and create best-practice presentations for compelling clinical questions associated with nurse-sensitive outcomes. Health care informatics applies information and technology to communicate manage knowledge mitigate error and support clinical decision making.

Prerequisite(s): NR 462.

Note(s): Nursing majors only.

NR 420H Honors Evid-Based Nrsng/Hlth Cr Infomats (3.00 credit hours)

Presents two essential elements for best practice in nursing. Evidence-based practice integrates current scientific evidence with clinical expertise and patient/family preferences for optimal health care. Develops related knowledge skills and attitudes by forming journal clubs to critique published nursing studies and create best-practice presentations for compelling clinical questions associated with nurse-sensitive outcomes. Health care informatics applies information and technology to communicate manage knowledge mitigate error and support clinical decision making.

Prerequisite(s): NR 462.

Note(s): Nursing majors only.

NR 421 Clinical Reasoning and Judgement (3.00 credit hours)

Involves complex problem-based learning using multiple clinical practice disciplines across the life span. Concepts will be integrated from pathophysiology pharmacology health assessment nursing process and psycho-social spiritual and cultural dimensions to enhance clinical reasoning within legal and ethical parameters. Selected clinical situations will be analyzed focusing on students' ability to utilize their clinical reasoning and clinical judgement skills to identify prioritize and generate safe and effective care based on the best possible evidence. Prerequisite or corequisite(s): NR 464.

Note(s): Nursing majors only.

NR 422 Clincl Leadrship in Professional Nursing (3.00 credit hours)

Explores multiple leadership theories and the process of applying individual leadership roles skills and decision-making in the provision of nursing care. Includes healthcare team coordination and the oversight and accountability for care delivery in a variety of settings. Develops the individual as a positive clinical leader and empowers the nurse to make decisions. It also enables the nurse to identify creative values-centered options for delivering safe high quality nursing care in diverse practice settings. Students will utilize effective inter- and intra-professional communication and collaborative techniques. These include negotiation and conflict resolution in a culturally dynamic health care environment. Prerequisite or corequisite(s): NR 463.

Note(s): Nursing majors only.

NR 422H Honors Clincl Leadrship in Prof Nursing (3.00 credit hours)

Explores multiple leadership theories and the process of applying individual leadership roles skills and decision-making in the provision of nursing care. Includes healthcare team coordination and the oversight and accountability for care delivery in a variety of settings. Develops the individual as a positive clinical leader and empowers the nurse to make decisions. It also enables the nurse to identify creative values-centered options for delivering safe high quality nursing care in diverse practice settings. Students will utilize effective inter- and intra-professional communication and collaborative techniques. These include negotiation and conflict resolution in a culturally dynamic health care environment. Prerequisite or corequisite(s): NR 464.

Note(s): Nursing majors only.

NR 448R Updates in Illness and Disease Mgmt (3.00 credit hours)

Focuses on updates in genomics and genetics pain management the stress response immune disorders mental disorders rehabilitative and end-of-life care. Examines acute and chronic disease pathophysiology evidence-based disease management and nursing care of selected disorders.

Prerequisite(s): NR 444R.

Note(s): RN-BSN and RN to MS in Nursing Program students only.

NR 451 Introductory Nursing Practicum/Extern (3.00 credit hours)

Under the preceptorship of a registered nurse externs provide direct patient care in selected specialty areas. Enhances competency and critical decision-making in the reality of the practice setting. Emphasizes skills and procedures organization and priority setting written and oral communication and the nurse's role including investigation teaching and discharge planning.

Prerequisite(s): NR 412 NR 413 and NR 463.

Note(s): Nursing majors only.

NR 455 Healthpro, Disprev, Policy & Nurse Pract (3.00 credit hours)

Applies the nursing process for patients who may be an individual family group community or population. Influences on individual family group community and population for health promotion will be studied with special focus on the vulnerable. Health Promotion Planning including assessment plan development utilization of evidence-based interventions outcome measurements and evaluation of interventions will be explored. Progress on Healthy People and National Leading Health Indicators will be analyzed. Implications of policy on health outcomes access equity affordability and social justice for health promotion and healthcare delivery will be discussed for the US and globally. Nursing's engagement in the policy making processes for health promotion and disease prevention will be examined for individuals and populations. Advocacy for social justice will be explored through the lens of nursing professionalism and practice in support of the University Mission Catholic Social Teachings Jesuit Values and Health Policy.

Prerequisite(s): NR 462.

Note(s): Nursing majors only.

NR 462 Intro Managing HC Adult/Older Adult (4.00 credit hours)

This beginning theoretical lab and clinical course focuses on the art and science of nursing and the roles of the nurse as care provider/care designer/manager and coordinator in relation to the complex health needs of residents with multiple co-morbidities in long term care. Explores components of nursing process in relation to human responses to alterations in health. Content focuses on pathophysiology/pharmacology medical management evidence-based practice models and the application of nursing process in the provision of care for adult and older adult patients. Clinical experiences are designed to focus on the beginning application of nursing therapeutics including selected technical skills nursing process development of organizational skills priority setting health care management and clinical reasoning in the assimilation of the professional nurse role. NR 400 NR 412 and NR 413 must be completed prior to or concurrently with NR 462. Note(s): \$200 Fee required.

Prerequisite(s): NR 414 NR 416.

Note(s): Nursing majors only.

NR 463 Comprehensive HC Adlt/Older Adlt I (5.00 credit hours)

This Theoretical laboratory and clinical course focuses on the art and science of nursing and roles of the nurse as care designer and manager. Explores components of nursing process and health promotion in relation to human responses to alterations in health. Content focuses on the continued assimilation of the professional nursing role in clinical practice through classroom and clinical experiences designed to develop organizational skills priority setting comprehensive health care management and clinical reasoning skills. Nursing majors only.

Prerequisite(s): NR 414 NR 462 NR 400 NR 412 and NR 413 must be completed prior to or concurrently with NR 463.

Note(s): Nursing majors only.

NR 464 Complex HC Mgt of Adult/ Older Adult II (5.00 credit hours)

This theoretical and clinical course integrates role of the nurse as coordinator of care in relation to human responses to alteration in health. Focus is on the role of the nurse as a leader and collaborator in the interprofessional implementation of care management using evidence-based practice models. Application of nursing process includes the provision of care for adult and older adult patients within the context of their families and environments. The focus of clinical practice is the continuing development of organizational skills priority setting clinical reasoning complex health care management and problem solving as the student assimilates the role of the professional baccalaureate nurse generalist. Nursing majors only.

Prerequisite(s): NR 412 NR 413 NR 463 and NR 470.

Note(s): \$200 Fee required.

NR 465 Childbearing Families & Reprdtv Hlth (5.00 credit hours)

This theory and clinical course addresses the needs and care of the childbearing family as they progress through the experiences of reproductive health pregnancy childbirth becoming a family and women's health. Through the lens of the nursing process the student applies current evidence-based principles related to physiological psychosocial ethical and spiritual care when planning and performing nursing care for childbearing families and overall women's health. Utilizes classroom virtual and focused clinical experiences to addresses family centered nursing care during the antepartal intrapartal postpartal neonatal periods and women's health. The interrelationship between theory practice and research provides a foundation for this course. Corequisite or Prerequisite(s): NR 414 and NR 462.

Prerequisite(s): NR 412 and NR 413.

Note(s): Nursing majors only.

NR 470 Nursing Care of Children & Families (4.00 credit hours)

This theoretical and clinical course focuses on the art and science of providing ethical evidence-based nursing care to children and their families within a quality and safety framework. Utilizing current patient care technologies and practice guidelines the course emphasizes the understanding of pathophysiology unique to the pediatric population in the provision of quality nursing care. For each developmental level the course content holistically addresses relevant anticipatory guidance health promotion and developmentally appropriate communication strategies. In addition the course examines health care policy finance and regulatory environments affecting today's children and families. The relationship among theory practice and research provides a foundation for the course.

Prerequisite(s): NR 412 NR 413 NR 414 NR 462 and NR 463.

Note(s): Nursing majors only.

NR 472 Community & Population Focused Nursing (4.00 credit hours)

This theoretical and clinical course provides an in-depth examination of population and community health concepts. Students analyze roles of nurses in community and population-based nursing focused at individual family community and systems levels of practice. Emphasis is on the promotion of healthy communities using the nursing process epidemiological ethical environmental and public health principles. Through clinical experiences in community-based settings students are engaged in community assessments program planning/management health teaching and provision of evidence-based nursing practice to address the health needs of identified populations including vulnerable populations. NR 455 must be completed prior to or concurrently with NR 472.

Prerequisite(s): NR 412 NR 413 and NR 463.

Note(s): Nursing majors only.

NR 472H Hnrs Comm & Population Focused Nursing (4.00 credit hours)

This theoretical and clinical course provides an in-depth examination of population and community health concepts. Students analyze roles of nurses in community and population-based nursing focused at individual family community and systems levels of practice. Emphasis is on the promotion of healthy communities using the nursing process epidemiological ethical environmental and public health principles. Through clinical experiences in community-based settings students are engaged in community assessments program planning/management health teaching and provision of evidence-based nursing practice to address the health needs of identified populations including vulnerable populations. Nursing majors only. NR 455 must be completed prior to or concurrently with NR 472H.

Prerequisite(s): NR 412 NR 413 and NR 463.

NR 473 Mental Health Nursing (4.00 credit hours)

This theoretical and clinical course addresses the principles and techniques of therapeutic communication as it applies to working with patients who present with symptoms of mental health disorders in acute care and community settings. Contemporary issues in the field of mental health nursing are explored within a psychosocial cultural spiritual economic legal and ethical environment. The role of the nurse is based on standards of practice and focuses on health promotion disease prevention and management for patients with mental health issues across the life span. Students apply theoretical concepts in clinical settings while working with individuals families communities groups and underserved populations with varying levels of complexity. The interrelationship among theory practice and research provides a foundation for the course.

Prerequisite(s): NR 412 NR 413 NR 414 NR 416 and NR 462.

Note(s): Nursing majors only.

NR 480R The Nurse Leader-Manager (3.00 credit hours)

Expands knowledge of leadership and management principles applied to health care the changing health care system health outcomes professional issues political action and career development. Explores ethical legal and policy issues related to nursing practice.

Prerequisite(s): NR 444R.

Note(s): RN-BSN Program students only.

NR 483 Clinical Capstone: Prof Nursing Prctm (5.00 credit hours)

This culminating professional course promotes readiness for practice and prepares the accelerated or senior nursing student to make a smooth transition into the role of the professional registered nurse. The framework for this course is drawn from the American Nurses Association (ANA) Standards of Nursing Practice and the roles of the BSN nurse delineated in the American Association of Colleges of Nursing (AACN) Essentials of Baccalaureate Education for Professional Nursing Practice. Students apply nursing and leadership theories as a direct care provider for groups of diverse patients during an extensive clinical practicum experience. Theoretical and reflective content builds upon prerequisite nursing knowledge. Note(s): Associated clinical courses must be completed for specialty placement.

Prerequisite(s): NR 464.

Note(s): Nursing majors only.

NR 488E-W Topics in Clinical Nursing Practice: (1.00-8.00 credit hours)

Clinical elective courses focusing on specific areas of nursing practice. Content varies according to student need and availability of faculty resources. Permission of Option Chair required.

Prerequisite(s): Nursing Majors only.

NR 490E-W Independent Study/Nursing: (1.00-6.00 credit hours)

Topics by arrangement with individual faculty. Permission of Option Chair required.

Prerequisite(s): Nursing majors only.

Graduate

Health Care Ethics (HCE)

HCE 600 Orgznl Ethics & Health Care Compliance (3.00 credit hours)

Addresses advanced concepts in organizational ethics and health care compliance including the dynamics of personal and professional values in relation to organizational behavior and the integration of mission organizational ethics and corporate regulatory compliance. Explores contemporary ethical issues in organizational ethics and health care compliance through applied case presentation theory-based ethical analysis and ethical decision making in both individual and group contexts.

HCE 604 Ethics for Nurse Leaders (3.00 credit hours)

Examines ethical and moral reasoning relevant to professional nursing practice and health care delivery in today's society. Explores philosophical and faith-based foundations including Catholic moral tradition socio-cultural influences professional codes organizational and personal ethical norms. Ethical issues are examined with emphasis on advanced practice nursing leadership roles and models of health care delivery. Introduces skills in analyzing ethical dilemmas and evaluating ethical practice using ethical theory moral argument and case studies.

Note(s): This course was previously titled Ethics and Society.

HCE 742 Ethics & Advocacy in Pharmacy (3.00 credit hours)

Examines ethical/moral reasoning in health care. Emphasizes pharmacy practice and leadership. Explores philosophical faith-based foundations including Catholic moral tradition socio-cultural influences professional codes organizational and personal ethical norms. Analyzes ethical dilemmas/practices using ethical theory moral argument cases studies.

*Note- Majors Only

Interprofessional Education (IPE)

IPE 601 Interprof Approaches to Intgrtv Health (3.00 credit hours)

Creates an interprofessional platform for health care professions students to learn with from and about each other. In the interprofessional setting students will explore traditional therapies and holistic care approaches to common and chronic health conditions and will incorporate physical mental social and spiritual aspects to treatment of the whole person. Students will explore alternative approaches to care and have a platform to evaluate evidence-based practice principles and to merge traditional and complementary and alternative (CAM) therapies to care in a cohesive manner. Students will engage with learners across disciplines to find deeper understanding of roles within the health care system and will work to integrate care in a seamless manner for optimal patient health outcomes. Students will develop a stronger understanding of nutrition lifestyle medicine and patient-centered care approaches. The course is available to all graduate students in RHCHP.

IPE 610A Spirituality in Health and Healing I (3.00 credit hours)

Intentional focus on personal faith and spiritual development purpose and meaning in life. Methods: didactic audio-visual interactive asynchronous and synchronous and virtual discussions. Practical applications of spirituality in healthcare: Methods: experiential on-ground learning retreat group discussion capstone presentation.

Note(s): Grading is Pass/No-Pass only.

IPE 610B Spirituality in Health & Healing II (3.00 credit hours)

Intentional focus on personal faith and spiritual development purpose and meaning in life. Methods: didactic audio-visual interactive asynchronous and synchronous and virtual discussions. Practical applications of spirituality in healthcare: Methods: experiential on-ground learning retreat group discussion capstone presentation.

Prerequisite(s): IPE 610A.

Note(s): Grading is Pass/No-Pass only.

Master of Arts: Counseling (MCPY)

Note: Only students in the School of Mental and Behavioral Health can take MCPY and MFT courses.

MCPY 601 Interprofessional Fnd Global Health I (1.00 credit hours)

Examines strategies for students to become engaged leaders in the health professions within the current global reality. Core concepts of international service poverty and global injustice structural violence determinants of health culture and foreign aid will be addressed.

MCPY 602 Spirituality & Counseling (3.00 credit hours)

Explores how spirituality religion and a search for meaning are central to the counseling experience. Focuses upon understanding how spirituality and the religious imagination influence and enhance the practice and effectiveness of the therapeutic encounter.

MCPY 605 Human Growth and Development (3.00 credit hours)

Provides an advanced study of normal human development from infancy throughout the life span emphasizing integration of theory and research appropriate to each life phase. Considers the impact of cultural variation on life phases.

MCPY 610 Theories of Counseling (3.00 credit hours)

Introduces the major historical and contemporary theories of counseling. Examines techniques and styles of counselors using distinct approaches to counseling along with their application to case studies.

MCPY 615 Cultural Issues and Social Justice (3.00 credit hours)

Examines the multicultural and socioeconomic influences of psychology personality development and perceptions of abnormal behavior and counselor attitudes. Presents theories of multicultural counseling and competencies. Discrimination and oppression are considered from a social justice perspective along with related strategies including advocacy.

MCPY 622 Assessment and Diagnostic Processes (3.00 credit hours)

Introduces students to the essential principles and practices of assessment and diagnosis in counseling. Emphasis is placed on thoughtful selection administration and interpretation of culturally responsive and developmentally appropriate tools to understand clients in context. Topics include historical foundations testing concepts statistical foundations ethical and legal considerations and the use of assessment in diverse areas such as academic career personal and social development. Students learn to integrate assessment data with diagnostic systems to support client safety strengths and individualized care across the lifespan.

MCPY 625 Professional Orientation/ Ethical Issues (3.00 credit hours)

Examines ethical codes standards state statutes practice guidelines ? professional organizations and history. Focuses on ethical decision? making skills and contemporary ethical issues in the counseling field.?Professional and public responsibility and the meaning of the professional counselor role will be explored and all aspects of therapy that involve statutes and regulations principles values and morals of the counselor.

MCPY 630 Groups: Process and Counseling (3.00 credit hours)

Studies theories of group counseling including group dynamics and leadership. Includes different types of groups and group composition. Experiential learning methods are employed.

Prerequisite(s): MCPY 635 or MFT 635.

MCPY 635 Counseling Techniques I (3.00 credit hours)

Introduces the psychotherapeutic process and dynamics of the helping relationship. Focuses on developing basic counseling skills such as clinical interviewing clinical record keeping and report writing DSM-IV-TR diagnosis assessment of various clinical issues and treatment planning. Assists students in preparing a professional resume practicing interviews for a practicum position and identifying sites for their practicum/internship experience.

Prerequisite(s): MCPY 605 MCPY 610 MCPY 615 and MCPY 625.

MCPY 636 Pre-Practicum (3.00 credit hours)

Provides a foundational introduction to counseling techniques and professional practices for counselors in training. Students will build skills in establishing effective counseling relationships across various contexts while integrating ethical legal and culturally responsive principles. The course emphasizes collaborative planning and the development of tailored interventions that address client needs in a culturally and developmentally appropriate manner. Additionally students will refine their abilities in essential documentation practices such as creating progress notes and treatment plans to ensure quality and continuity of care. Through hands-on activities role-plays and case analysis students will cultivate the practical and reflective skills necessary to address diverse client needs and prepare for success in their practicum experiences.

Prerequisite(s): MCPY 635.

Note(s): Pass/No Pass grading only.

MCPY 640 Research Methods and Program Evaluation (3.00 credit hours)

Provides an understanding of types of research methods including quantitative and qualitative designs basic statistics and ethical and legal considerations in research. Principles practices and applications of needs assessment and program evaluation are reviewed.

MCPY 643E-W Special Topics in Counseling (3.00 credit hours)

Advanced study within a focused subject or area related to counseling.

MCPY 645 Clinical Assessment (3.00 credit hours)

Focuses on the application of basic concepts and statistics in the interpretation of tests and inventories utilized by counselors and MFTs. Explores testing methodologies interpretive criteria and ethical and multicultural implications from a clinical perspective.

MCPY 650 Career Counseling and Development (3.00 credit hours)

Develops a comprehensive understanding of theories of career development and their application to diverse populations. Explores methods of effective career counseling test administration and interpretation of assessment tools.

MCPY 660 Substance Use Disorders (3.00 credit hours)

Examines the psychological and behavioral effects of substance use in individuals and families; reviews assessment techniques and approaches to treatment of this population.

MCPY 672 Crisis, Trauma, and Loss (3.00 credit hours)

The study of developmental and human trauma and loss. Introduces primary theories and strategies to address crisis coping and stabilization and trauma and grief processing. Emphasis on integrative care wellness and foundational counselor skill.

MCPY 673 Approaches to Trauma Treatment (3.00 credit hours)

Explores a range of trauma events and impacts with a focus on stabilization and recovery utilizing individual and systemic-relational approaches. Universal skills and strategies are developed with exposure to concepts and the practice of contemporary trauma therapy approaches.

Prerequisite(s): MCPY 672.

MCPY 677 Counseling Pre-Adolescents & Adolescents (3.00 credit hours)

Examines theories and techniques specific to developmental needs of pre-adolescents and adolescents (ages 11-18). Emphasizes individual and systemic approaches to prevention assessment counseling techniques and consultation skills that pertain to pre-adolescents and adolescents.

Prerequisite(s): MCPY 635 or MFT 635.

MCPY 678 Introduction to Play Therapy (3.00 credit hours)

Through lecture and experiential methods students will learn the basic principles and procedures of play therapy which is considered the most evidence-based and developmentally-appropriate mental health intervention for children ages 3-10. Students will explore the historical theoretical and multicultural foundations of play therapy and will learn how to implement foundational child-centered play therapy (CCPT) skills to facilitate a child's self-exploration self-expression and self-and-other understanding. By the end of the course students will demonstrate a foundational understanding of the purpose and goals of child-centered play therapy; therapeutic stages and themes; key ethical issues; and the ability to communicate the treatment process to caregivers.

Prerequisite(s): MCPY 605.

MCPY 679 Advanced Play Therapy (3.00 credit hours)

Through lecture and experiential methods this course builds on the competencies acquired in the Introduction to Play Therapy course. Students in this course will develop increased proficiency around working with trauma and grief in play therapy; working with aggression and setting limits in play therapy; and making the most of cultural opportunities in play therapy. Students will continue to develop their child-centered play therapy (CCPT) assessment case conceptualization and treatment planning skills.

Prerequisite(s): MCPY 635 or MFT 635 and MCPY 678.

MCPY 682 Personal Mythology and Narrative (3.00 credit hours)

Examines how the personal life story gives symbolic form to a person's core values and meaning. Emphasizes the relationship between personal stories myths and therapeutic transformative processes.

Note(s): Graduate counseling students only.

MCPY 688A Play Clinic A (3.00 credit hours)

Provides beginning knowledge and skill competencies in play therapy theories and modalities through experiential methods in work with children and their caregivers. Through this hands-on clinical experience students will integrate theoretical knowledge with clinical practice sharpening their therapeutic skills in a safe and supportive environment under the supervision of a Registered Play Therapist Supervisor.

MCPY 688B Play Clinic B (3.00 credit hours)

Continuation of Play Clinic A and provides advanced knowledge and skill competencies in play therapy theories and modalities through experiential methods in work with children and their caregivers. Through this hands-on clinical experience students will integrate theoretical knowledge with clinical practice sharpening their therapeutic skills in a safe and supportive environment under the supervision of a Registered Play Therapist Supervisor.

Prerequisite(s): MCPY 688A.

MCPY 690E-W Counseling: (1.00-3.00 credit hours)

Provides an opportunity for faculty-directed independent research in an approved topic in counseling not covered in scheduled course offerings.

MCPY 692 Practicum: Clinical Supervision (6.00 credit hours)

Practicum offers initial exposure to community counseling field placement. The course emphasizes the counseling role as a clinical mental health counselor in an agency setting. Students are provided with individual/triadic and group supervision by program faculty.

Prerequisite(s): MCPY 622 PMCY 636 and MCPY 672.

MCPY 698A Supervised Counseling Internship A (3.00 credit hours)

The Internship courses are designed to allow students to continue to practice and develop their counseling skills in community service placements. These courses are primarily experiential - students function as counselors in training and work directly with clients at their community placements throughout the term. The focus of these courses is on developing professional identity as a counselor strengthening basic counseling skills working collaboratively with other service providers in a community agency and continuing to gain a sense of clinical orientation? through counseling practice and supervision.

Prerequisite(s): MCPY 692.

MCPY 698B Supervised Counseling Internship B (3.00 credit hours)

The Internship courses are designed to allow students to continue to practice and develop their counseling skills in community service placements. These courses are primarily experiential - students function as counselors in training and work directly with clients at their community placements throughout the term. The focus of these courses is on developing professional identity as a counselor strengthening basic counseling skills working collaboratively with other service providers in a community agency and continuing to gain a sense of clinical orientation? through counseling practice and supervision.?

Prerequisite(s): MCPY 698A.

MCPY 698C Supervised Counseling Internship C (1.00-3.00 credit hours)

The Internship courses are designed to allow students to continue to practice and develop their counseling skills in community service placements. These courses are primarily experiential - students function as counselors in training and work directly with clients at their community placements throughout the term. The focus of these courses is on developing professional identity as a counselor strengthening basic counseling skills working collaboratively with other service providers in a community agency and continuing to gain a sense of clinical orientation? through counseling practice and supervision.

Prerequisite(s): MCPY 698B.

MCPY 698D Supervised Counseling Internship D (1.00-3.00 credit hours)

Internship courses are designed to allow students to continue to practice and develop their counseling skills in community service placements. These courses are primarily experiential - students function as counselors in training and work directly with clients at their community placements throughout the term. The focus of these courses is on developing professional identity as a counselor strengthening basic counseling skills working collaboratively with other service providers in a community agency and continuing to gain a sense of clinical orientation through counseling practice and supervision.

Prerequisite(s): MCPY 698C.

Master of Arts: Marriage and Family Therapy (MFT)

Note: Only students in the School of Mental and Behavioral Health can take MCPY and MFT courses.

MFT 601 Interprofessional Fnd Global Health I (1.00 credit hours)

Examines strategies for students to become engaged leaders in the health professions within the current global reality. Core concepts of international service poverty and global injustice structural violence determinants of health culture and foreign aid will be addressed.

MFT 605 Human & Relational Development (3.00 credit hours)

Provides an advanced study of normal human development from infancy throughout the life span emphasizing integration of theory and research appropriate to each life phase. Considers the impact of cultural variation on life phases.

MFT 610 Theories of Family Therapy (3.00 credit hours)

Explores the historical development of theories of family therapy which have grown out of the paradigmatic shift from focusing on the individual to focusing on the influences of the family system and larger social contexts.

MFT 615 Cultural Issues and Social Justice (3.00 credit hours)

Explores cultural contexts of relationships social justice issues and current research and therapeutic strategies related to socioeconomic status religious and cultural values ethnic background gender sexual orientation and mental and physical abilities.

MFT 616 Systemic Power and Oppression (6.00 credit hours)

Explores how socio-political identity shapes attitudes values beliefs and emotions. Students will learn how the intersection of their own and clients' socio-political identities inhibit or facilitate the therapeutic relationship and process. Students will learn how cultural context shapes symptoms and how this context can inform interventions in the system.

Note(s): Graduate counseling students only.

MFT 621 Integrated Healthcare (3.00 credit hours)

Explores the connection between emotional psychological and physical health. Content includes information on health behavior change psychopharmacology ways that stress manifests in the body and therapist interventions for impacting health changes.

MFT 626 Special Topics in CFT (3.00 credit hours)

Topics will vary by instructors. The course will provide in depth focus on special topics in couple and family therapy practice.

MFT 638 Common Factor Skills (3.00 credit hours)

Students will develop techniques and skills to work with families and couples while integrating their skills within a theoretical approach. Activities include assessment practice with enactments live supervision case conceptualization co-therapy treatment planning and case presentation.

Prerequisite(s): MFT 610 MFT 616 MFT 620 MFT 625 and MFT 635.

Note(s): Graduate counseling students only.

MFT 640 Research Methods and Program Evaluation (3.00 credit hours)

Provides an understanding of types of research methods including quantitative and qualitative designs basic statistics and ethical and legal considerations in research. Principles practices and applications of needs assessment and program evaluation are reviewed.

MFT 650 Multi-Contextual Family Life Cycle (3.00 credit hours)

An in-depth study of the family life cycle including adult development through the conceptual lens of marriage and family therapy theories. The impact of transitions such as career marriage divorce and death at different stages of the family life cycle as guides to therapeutic understanding.

MFT 660 Addiction Treatment (3.00 credit hours)

Examines the psychological and behavioral effects of substance abuse in individuals and families. Students will learn assessment techniques and approaches to treatment for individuals couples and families who are seeking support for substance use and other addictions.

Note(s): Graduate counseling students only.

MFT 665 Gender and Sexuality (3.00 credit hours)

Explores the physical psychological social cultural and ethical aspects of human sexuality and gender development. Male and female gender roles sexual expression sexual misconceptions variations in gendered or sexual behavior and common sexual and relationship concerns are applied to theories and techniques of sexuality counseling.

Prerequisite(s): MFT 635 or MCPY 635.

Note(s): MACP Program students only.

MFT 667 Couple Therapy (3.00 credit hours)

Provides an overview of theories of couples therapy relational dynamics cycles of partnering negotiating therapist alliance and bias. Emphasizes skills for working with couples conflict violence infidelity commitment and divorce.

Prerequisite(s): MCPY 635 or MFT 635.

MFT 669 Advanced Couple Therapy (3.00 credit hours)

Students pursue advanced understanding and application of theory and techniques in couple therapy. Students apply assessment skills to inform treatment planning interventions and evaluation of couples' progress. Teaching strategies include discussions demonstrations and role plays.

Prerequisite(s): MCPY 635 or MFT 635 and MFT 667.

MFT 690 Practicum: Practice of Family Therapy (3.00 credit hours)

Provides students in practicum with individual and group supervision by? program faculty who are AAMFT approved supervisors (or candidates)?

Prerequisite(s): Permission of instructor.

MFT 692 Practicum: Clinical Supervision (6.00 credit hours)

Clinical supervision of individual couple and family therapy which focuses on the principles and practice of Marriage and Family Therapy.

Prerequisite(s): MFT 638.

Note(s): Fee required.

MFT 699A Supervised MFT Internship A (3.00 credit hours)

Clinical supervision of individual couple and family therapy which focuses on the principles and practice of Marriage and Family Therapy.

Prerequisite(s): MFT 692.

MFT 699B Supervised MFT Internship B (3.00 credit hours)

Clinical supervision of individual couple and family therapy which focuses on the principles and practice of Marriage and Family Therapy.

Prerequisite(s): MFT 699A.

MFT 699C Supervised MFT Internship C (1.00-3.00 credit hours)

Clinical supervision of individual couple and family therapy which focuses on the principles and practice of Marriage and Family Therapy.

Prerequisite(s): MFT 699B.

MFT 699D Supervised MFT Internship D (1.00-3.00 credit hours)

Clinical supervision of individual couple and family therapy which focuses on the principles and practice of Marriage and Family Therapy.

Prerequisite(s): MFT 699C.

Master of Science Degree in Nursing (NR)**NR 600 Theoretical Frameworks/Ldrshp/ANP (3.00 credit hours)**

Examines the historical and philosophical context of knowledge development in nursing in order to provide a sense of professional heritage and identity for emerging nurse leaders. Theories from nursing related sciences and leadership are critiqued and evaluated for their usefulness and applicability to nursing roles in practice research education and management. Examines leadership competency in relation to contemporary health care issues and the health care environment. Service learning and its relationship to the Regis mission of Ignatian philosophy social justice and leadership in service to others is integrated to promote delivery of advanced nursing care to diverse populations.

Note(s): Admission to the MS Nursing program or permission of Program Director required.

NR 600A Theoretical Frameworks/Ldrshp/ANP (3.00 credit hours)

Examines the historical and philosophical context of knowledge development in nursing in order to provide a sense of professional heritage and identity for emerging nurse leaders. Theories from nursing related sciences and leadership are critiqued and evaluated for their usefulness and applicability to nursing roles in practice research education and management. Examines leadership competency in relation to contemporary health care issues and the health care environment. Service learning and its relationship to the Regis mission of Ignatian philosophy social justice and leadership in service to others is integrated to promote delivery of advanced nursing care to diverse populations.

Note(s): Admission to the MS Nursing program or permission of Program Director required.

NR 602 Adv Apps of Research for Evidenced-Based (3.00 credit hours)

Addresses best practices for evidence-based nursing practice. Quantitative and qualitative research designs and analytical procedures are compared. Methodologies for implementing evidence-based practice are examined and ethics associated with research are appraised.

Prerequisite(s): NR 600 and verification of undergraduate statistics course.

NR 602A Adv Apps of Research for Evidenced-Based (3.00 credit hours)

Addresses best practices for evidence-based nursing practice. Quantitative and qualitative research designs and analytical procedures are compared. Methodologies for implementing evidence-based practice are examined and ethics associated with research are appraised.

Prerequisite(s): NR 600A.

NR 605 Adv Physio/Patho Across Lifespan (3.00 credit hours)

Building on basic anatomy physiology and pathophysiology this science-based course utilizes a comprehensive approach to address the underlying principles of disease processes across the lifespan. Etiology epidemiology and theories related to pathogenesis are examined. The focus is on the differentiation of physiological and pathophysiological findings and identification of treatment modalities for a variety of frequently presenting problems of clients in primary care across the lifespan.

Prerequisite(s): Admission to the MS Nursing program.

NR 605N Adv Phys & Patho Across Lifespan (3.00 credit hours)

Building on basic anatomy physiology and pathophysiology this science-based course utilizes a comprehensive approach to address the underlying principles of disease processes across the life span. Etiology epidemiology and theories related to pathogenesis are examined. The focus is on differentiation of physiological and pathological findings and identification of treatment modalities for a variety of frequently presenting problems of clients in neonatal acute care and addresses pathophysiology across the life span.

Prerequisite(s): Admission to the MS Nursing program.

Note(s): Designed for students in NNP program.

NR 606 Adv Hlth Assmnt, Path & Pharm: Lifespan (6.00 credit hours)

Provides a framework for systematic data collection organization precise recording accurate physical and psychosocial assessment and communication of data reflecting the health status of the patient and family. A holistic perspective facilitates an analysis of cultural occupational and environmental factors integral to an understanding of both the patient and family's physical and psychosocial wellbeing. Building on basic anatomy physiology and pathophysiology this graduate level science-based course utilizes a comprehensive approach to address the underlying principles of disease processes across the life span. Etiology epidemiology and theories related to pathogenesis are included. Students will also identify drug management regimens for selected disease states and will learn mechanisms of action indications for use efficacy adverse effects monitoring parameters dosing principles and drug interactions for common drug classes. Designed for students in Health Care Education Certificate program.

NR 607 Pharmacology for Adv Practice (3.00 credit hours)

Prepares advanced practice registered nursing (APRN) and MS in Nursing Leadership in Health Care Systems students for drug therapy management across the life span in a variety of primary care settings. Studies the mechanisms of action indications for use efficacy adverse effects monitoring parameters dosing principles and drug interactions for common drug classes used in primary care. Identification and selection of appropriate drug management regimens for selected disease states will be addressed. Develops safe prescribing techniques using evidence-based pharmacotherapeutics and standards of practice.

Prerequisite(s): Admission to the Graduate Program.

NR 607N Adv Pharmacology for Adv Practice (3.00 credit hours)

Prepares advanced practice registered nursing (APRN) and MS in Nursing Leadership in Health Care Systems students for drug therapy management across the lifespan in a variety of primary care settings. Studies the mechanisms of action indications for use efficacy adverse effects monitoring parameters dosing principles and drug interactions for common drug classes with additional emphasis on drugs used in acute care of the neonate. Identification and selection of appropriate drug management regimens for selected disease states will be addressed. Develops safe prescribing techniques using evidence-based pharmacotherapeutics and standards of practice. Designed for students in the NNP program.

Prerequisite(s): Admission to the Graduate Program.

NR 609 Popltn Hlth & Interprof Collab Practicum (3.00 credit hours)

A didactic and clinical focus on the application of advanced nursing concepts related to the provision of culturally relevant health promotion and clinical prevention interventions in the student's area of clinical specialization. Using epidemiologic data employs collaborative strategies in the design coordination and evaluation of population-based patient-centered care. Builds upon previous course work in advocacy-focused service learning. Clinical hours(105) required. Permission of Clinical Placement Advisor is required.

Prerequisite(s): NR 600.

Note(s): Student must be compliant with RHcomply@regis.edu to register for course.

NR 614 Foundtns Financial Mgt for NR Leaders (3.00 credit hours)

Prepares students to apply essentials of financial management to nursing leadership roles in health care systems. An overview of health care economics financial concepts and budgeting in health care organizations is presented. The use of financial information and economic principles including cost/benefit analysis for strategic planning decision-making and the development of a business plan are addressed.

Prerequisite(s): NR 600.

NR 620 Systems Leadership & Quality Improvement (3.00 credit hours)

Student will build essential leadership skills to ensure high-quality safe patient care at the system level. Through interactive learning the student will examine how individual and collective behaviors influence outcomes strengthen the ability to lead teams and use information and communication technologies to drive meaningful change. The course highlights the role of emotional intelligence in leadership team dynamics and organizational performance emphasizing its impact on collaboration and culture. The student will also apply principles of safety and quality science to improve patient care enhance team performance and develop high-performing workflows. Finally the student will design evidence-informed strategies to foster organizational cultures that prioritize quality safety and employee well-being. Focused on quality and safety systems-based practice professionalism and interprofessional collaboration the course prepares the student to be an adaptive reflective and effective healthcare leader.

Prerequisite(s): NR 600.

NR 620A Health Care Org/Systems Leadership (3.00 credit hours)

Enables students to assume a leadership role in evaluating models of health care delivery and organizational systems. Health care organizations will be evaluated based upon organizational theory and research. Quality improvement principles with a focus on patient safety and regulatory requirements are explored in a variety of health care settings. Interpretation and analysis of health care performance data as it relates to improving organizational performance are examined. Principles of informatics and health care technologies are introduced as frameworks for the improvement of outcomes of care.

Prerequisite(s): NR 600A.

NR 623 Ldrshp in Hlth Care Syst Practicum (3.00 credit hours)

Designed to be a culmination of the learning throughout the master's degree program. Using a combination of seminar and 105 hours of precepted clinical experiences students synthesize and apply previously learned concepts in preparation for leadership roles.

Prerequisite(s): Completion of all MS in Leadership in Health Care Systems core and focus area courses.

NR 626 Adv Practice - Acute Care I for Adults (5.00 credit hours)

Fosters clinical competency and emphasizes evidence-based practice in the adult acute/critical and chronic health care settings. Emphasizes the integration of theory assessment and advanced therapeutics for adults and frail elders in high acuity patient settings. Students will perform comprehensive clinical assessment including appropriate diagnostics and therapeutic testing. Management of acute and chronic health problems will be accomplished with the direction of clinical preceptors. Clinical settings will include one of a variety of acute/critical care areas including but not limited to: Coronary Care Unit (CCU) Medical Intensive Care Unit (MICU) Surgical Intensive Care Unit (SICU) Emergency Departments intermediate care and specialty services such as transplant and oncology. Gerontology experiences in complex long-term care rehabilitation and/or inpatient units specializing in the acute care of elders will also be provided. (Includes clinical practicum 105 hours acute care with 30 of these hours as gerontology enrichment).

NR 627 Adv Practice in Acute Care II for Adults (5.00 credit hours)

Prepares students to diagnose treat and follow patients with acute/critical care health problems across the adult age span. Emphasis is placed on the highest acuity of disease entities encountered in acute/critical care areas. (Includes clinical practicum 105 hours acute care with 30 of these hours as gerontology enrichment).

NR 628 Advanced Diagnostics & Therapeutics (2.00 credit hours)

Introduces students to the role and scope of practice for Adult-Gerontology Acute-Care Nurse Practitioners and the principles of diagnostic and treatment modalities utilized in the acute/critical care settings. Content includes principles of fluid replacement hemodynamic monitoring and electromechanical interventions. Analysis of relevant laboratory data and interpretation of radiographs and electrocardiograms (ECG's) will be included. Laboratory practice will include procedures such as suturing intubation venous and arterial line insertion and application of invasive therapeutic and diagnostic devices.

NR 629 Professional Issues for Acute-Care Nurse (5.00 credit hours)

Integrates the biomedical psychological and social elements of nurse practitioner practice. Under the supervision of an experience preceptor students will provide in-depth advanced practice nursing care to patients with acute chronic and complex health problems across the adult age span. Integration of current nursing and biomedical research evidence into the clinical decision-making process will be emphasized. Professional issues relevant to acute care nurse practitioners will be explored. (Includes clinical practicum 105 hours acute care with 30 of these hours as gerontology enrichment).

NR 630 Adv Health Assessment Patient & Family (3.00 credit hours)

Provides a framework for systematic data collection organization precise recording accurate physical and psychosocial assessment and communication of data reflecting the health status of the patient and family. A holistic perspective facilitates an analysis of cultural occupational and environmental factors integral to an understanding of both the patient and families physical and psychosocial wellbeing. Provides the student an opportunity to develop advanced skills necessary to evaluate deviation from the normal assessment. Includes practice advanced physical assessment skills in simulated clinical settings.

Prerequisite(s): Admission to the graduate program in nursing.

NR 630F Adv Hlth Assmnt of the Family (FNP) (4.00 credit hours)

Provides a framework for systematic data collection organization precise recording accurate physical and psychosocial assessment and communication of data reflecting the health status of the patient and family. A holistic perspective facilitates an analysis of cultural occupational and environmental factors integral to an understanding of both the patient and family's physical and psychosocial wellbeing. Provides the student an opportunity to develop advanced skills necessary to evaluate deviation from the normal assessment. Includes practice advanced physical assessment skills in simulated clinical settings. Course is designed for FNP students.

Note(s): Graduate standing or permission of Program Director required.

NR 631 Clinical Dermatology I (5.00 credit hours)

Building on basic physiology and pathophysiology this course utilizes a comprehensive approach to address the underlying principles of clinical dermatology. Etiology epidemiology and theories related to pathogenesis of dermatology are included. Focus is on the structure and function of the skin differential diagnosis Identification of treatment modalities for a variety of common dermatological conditions. Includes 105 clinical hours

Note(s): Must have MSN or DNP and hold a certification as FNP Adult/ Gero Practitioner or Pediatric Nurse Practitioner.

NR 632 Clinical Dermatology II (2.00 credit hours)

Continuation of NR 631.

NR 633 Procedural Dermatology (3.00 credit hours)

Covers common procedures used in clinical dermatology.

Note(s): 210 clinical hours 24 hours on-campus laboratory hours.

NR 634 Clinical Dermatology Practicum (5.00 credit hours)

Focuses on skill competency and practice related to the nurse practitioner's role in dermatology. Focus will be on assessment differential diagnosis management and patient education of common dermatological disorders. Health maintenance in dermatology will be included.

Note(s): Includes 315 clinical hours.

NR 637 Women's Hlth/ Childbearing - FNP (3.00 credit hours)

Introduces the foundation for the women's health care management process and the care of women across the lifespan. Prepares students to assume professional roles and responsibilities in the management of normal and common primary care variations pertaining to gynecological care such as contraceptive care breast health menopause and sexually transmitted infections. Examines the broad scope of prenatal care and includes: normal patterns of pregnancy post-partum women and those with deviations from normal in the pregnant woman/family and fetus. Emphasis is placed on the collaborative management of interventions to achieve desired outcomes during pregnancy. Students use scholarly inquiry to further develop their practice knowledge. Research related to normal and at-risk client systems is applied.

Prerequisite(s): NR 600 NR 605 NR 607 NR 630 or permission of Program Director.

NR 638 Foundations in Critical Care Nursing (4.00 credit hours)

Designed to provide a strong foundation for entry level practice for critical care nursing with a holistic approach. Advanced assessment monitoring techniques and pathophysiology as well as therapeutic modalities and nursing interventions will be addressed.

NR 639 Critical Care Nursing Practicum (2.00 credit hours)

Provides practical application of the critical care nurse role based upon American Association of Critical-Care Nurses (AACN) Standards of Practice and critical care nursing practice guidelines. Evidence-based practice using nursing knowledge experience and leadership theories will be applied in the direct care for diverse patients.

NR 646 Tchng/Lrng Strategies in Health Care (3.00 credit hours)

Integrates teaching and learning theories for educating individuals and populations in clinical and academic settings. Teaching strategies are grounded in educational theory assessment of learner needs and evidence-based teaching practices. This theoretical approach guides the selection and implementation of instructional methods and learning strategies. Explores innovative practices in health care and nursing educational environments.

Prerequisite(s): Admission to the MS Nursing or Graduate Certificate Program.

NR 647 Curriculum Development (3.00 credit hours)

Designed to promote the formulation of program outcomes and curriculum development in various contemporary academic and practice settings. Focuses on elements of curriculum development and educational activities in healthcare education including: evidence-based assessment program content analysis curriculum design and implementation continuing professional education and evaluation strategies. Guiding conceptual frameworks and underlying philosophical socioeconomic political and contemporary health care trends that impact curriculum development and changes are analyzed.

Prerequisite(s): Admission to the Graduate Program or Post-Graduate Health Education Certificate.

NR 648 Evaluation Methods in Health Care Ed (3.00 credit hours)

Addresses formulating program outcomes and evaluating curricula that reflect contemporary trends in the healthcare classroom. Uses a variety of strategies to assess and evaluate all domains of learning and outcomes in classroom laboratory and clinical settings. The process of program evaluation includes the assessment of educational outcomes for individuals and populations. Students will analyze and apply frameworks and models to assess and evaluate outcomes for continuous quality improvement. Designed for students in Health Care Education Certificate program.

NR 651 Professional Integration (3.00 credit hours)

Integrates core concepts in nursing for the nurse practitioner. Builds on the skill set essential for independent practice.

NR 652 Adv Hlth Assmnt-Neonatal Nurse Prac (4.00 credit hours)

Presents a framework for systematic collection of a comprehensive database that includes pertinent history and physical assessments of the pregnant woman neonate and healthy child through age two.

Note(s): Lab fee required.

NR 653 Genetics and Embryology for the NNP (3.00 credit hours)

Provides a scientific foundation in embryology and genetics for practice. Analyzes the principles of human genetics genetic testing and screening genetic abnormalities and gene therapy for implications for the neonatal nurse practitioner.

NR 654 Adv Practice Prcdrs for High Risk Infant (2.00 credit hours)

A theory application and skills course addressing the assessment and management of neonatal procedures commonly encountered in neonatal intensive care facilities. NOTE: Lab fee required.

Note(s): Laboratory practicum includes procedural techniques.

NR 655 Care of the Care of the Child to Age Two (3.00 credit hours)

Covers common elements of primary and acute care of the child to age two including those children who are former high risk infants or remain hospitalized beyond infancy in a neonatal intensive care of pediatric unit. Topics will include physical and developmental assessment infant and child development principles of well child care and common childhood diseases. Care of the infant and child with chronic conditions such as congenital heart disease chronic lung disease and surgical problems will also be addressed.

Prerequisite(s): NR 652 and NR 653.

NR 656 Management of the High Risk Newborn (5.00 credit hours)

Application of theory to practice in the development of a plan of care based on research evidence pathophysiology nursing and pharmacology principles and protocols for the neonate.

Note(s): Includes 105 hours of precepted clinical practice.

NR 657 Clinical Integration for the NNP (5.00 credit hours)

Focuses on the integration of advanced perinatal and neonatal theory skill competency critical thinking and clinical management of the low and high risk neonate and family.

Note(s): Includes 415 hours of precepted clinical practice.

NR 658 Health Care Education Practicum (3.00 credit hours)

Designed for students to synthesize and analyze knowledge of educational principles and theories learned through prior course work and their practicum experience. 105 precepted practicum hours required. Student must be compliant with rhcomply@regis.edu to register for course.

Note(s): Enrollment in or completion of all health care education certificate courses.

NR 659 Primary HC of Children & Their Families (3.00 credit hours)

Examines growth and development health maintenance health promotion and disease prevention for children from birth through adolescence. Studies pediatric specific acute and chronic conditions including injuries. Incorporation of family into treatment and management is included. Students will develop skills in assessment diagnosis treatment and management specific to this population.

Prerequisite(s): NR 600 NR 605 NR 607 NR 630 or permission of Program Director.

NR 660 Primary Hlth Care Across Lifespan I (5.00 credit hours)

Examines health maintenance disease prevention and health promotion across the life span. Students begin to develop skills in assessment diagnosis treatment management education and follow up of health maintenance exams acute and chronic conditions including injuries.

Prerequisite(s): NR 637 NR 659 or permission of Program Director.

Note(s): 210 Clinical hours of precepted experience are required.

NR 661 Primary Hlth Care Across Lifespan II (6.00 credit hours)

Examines health maintenance disease prevention and health promotion across the life span. Students begin to develop skills in assessment diagnosis treatment management education and follow up of health maintenance exams acute and chronic conditions including injuries. Detailed instruction in cardiac EKG interpretation and radiologic assessment and interpretation are included.

Prerequisite(s): NR 637 NR 659 NR 660 or permission of Program Director.

Note(s): 210 Clinical hours of precepted experience are required.

NR 662 Primary Hlth Care Across Lifespan III (5.00 credit hours)

Examines health maintenance disease prevention and health promotion across the life span. Students begin to develop skills in assessment diagnosis treatment management education and follow up of health maintenance exams acute and chronic conditions including injuries.

Prerequisite(s): NR 637 NR 659 NR 660 NR 661 or permission of Program Director.

Note(s): 210 Clinical hours of precepted experience are required.

NR 667 Primary Care Procedures A (1.00 credit hours)

Introduces theory application and skills addressing the assessment and management of patient procedures commonly encountered in primary care settings. Students begin to develop and apply these skills necessary for clinical experience.

Prerequisite(s): NR 600 NR 605 NR 607 NR 630.

Note(s): Pass/ No Pass grading only.

NR 670 Advanced Psychopharmacology (3.00 credit hours)

Course builds on principles developed in the Pharmacology for Advanced Practice course. The focus will be to prepare the advanced psychiatric/ mental health practitioner student with an in-depth conception of the clinical applications of the psychotropic drugs used to manage a spectrum of psychiatric disorders across the life span including substance use disorders. Prototypical agents and indications for use efficacy therapeutic and adverse effects monitoring parameters dosing principles and drug interactions for psychotropic medications using evidenced based principles will be discussed. Legal requirements for prescribing and the challenges of medication management will also be explored.

Prerequisite(s): NR 607.

NR 671 Psychiatric Assessment/Psychopathology (5.00 credit hours)

A theoretical course for advanced psychiatric assessment techniques and psychopathology across the life span. The use of psychiatric interviewing techniques related to interpersonal transactions that influence therapeutic alliance with clients will be discussed. This will include the use of tools that guide the development of an accurate diagnosis in order to achieve successful therapeutic outcomes. DSM-5 classifications differential diagnosis and behavioral management are foundational. Practitioners will learn how to consider each client's unique cultural background to best tailor care to their individual unique needs. Theoretical foundations will be explored. Simulation.

Prerequisite(s): NR 605 and NR 630.

NR 672 Psychiatric Advanced Practice I (5.00 credit hours)

Provides students with the didactic content and clinical experience to enhance their diagnostic skills and develop comprehensive treatment planning and management for patients across the lifespan with psychiatric disorders. Students learn about evidence-based psychiatric management practices that address the bio-psycho-social needs of patients and adhere to ethical and legal standards supporting safe and efficacious psychiatric care. Pre-requisite(s): NR 670 and NR 671. Clinical hours = 105

NR 673 Psychiatric Advanced Practice II (5.00 credit hours)

Provides students with the didactic content and clinical experience to enhance the knowledge and skills developed in NR 672. Students apply evidence-based practices to diagnose develop treatment plans and manage the psychopharmacologic care of patients across the lifespan with acute and chronic psychiatric disorders. Evidence-based psychotherapeutic modalities used for individual family and group treatments are presented and applied by students in the clinical setting.

Pre-requisite(s): NR 670 NR 671 and NR 672. Clinical hours = 210.

NR 674 Psychiatric Advanced Practice III (5.00 credit hours)

Provides the content and clinical experience to support the synthesis of knowledge and increasing autonomy in the diagnosis treatment planning and management for patients across the lifespan with complex and chronic psychiatric presentations using a variety of evidence-based treatment modalities. Population-focused and community mental health needs and interventions as well as integration of mental health and primary care will be addressed. Clinical hours = 315.

Prerequisite(s): NR 670 NR 671 NR 672 and NR 673.

NR 681 Interprofessional Fnd Global Health I (1.00 credit hours)

Examines the growing body of knowledge scholarship and engagement in global health. Challenges students in the health professions to become engaged leaders to help address growing global health disparities.

NR 684 Intro Interprofessionl Spritual Care II (2.00 credit hours)

Provides advanced spiritual care knowledge and application to clients. Based on Ignatian pedagogy includes an interprofessional approach with didactic and field components emphasizing spiritual care delivery. Field experiences include mentoring in various work-place settings.

NR 687 IPH Disaster Prep, Response & Recovery (3.00 credit hours)

Gives basic understanding and knowledge in the area of disaster preparedness response and recovery. Core content areas will include overview of disasters disaster response systems community and individual level disaster preparedness and management mental health and vulnerable populations.

NR 690E-W Independent Study in Graduate Nursing: (1.00-6.00 credit hours)

Topics by arrangement with individual faculty.

Prerequisite(s): Majors only and permission of Option Chair.

NR 699 Comprehensive Eval/Master of Science (0.00 credit hours)

A comprehensive evaluation of the student's achievement of Regis University and LHSON MS Program outcomes. Students provide a presentation reflecting on the Regis University and LHSON MS Program Outcomes with provision of evidence of this achievement. Pass/No Pass grading only.

Prerequisite(s): Completion of all MS in Nursing courses or permission of Program Director.

Doctorate

Counselor of Education and Supervision (CES)

CES 800 Orientation to Couns Educ & Supervision (3.00 credit hours)

Deepens the development of students' clinical skills and identity while introducing foundations for identity as a counselor educator. Designed for graduate students transitioning into roles as counselor educators supervisors and advanced practitioners this course thoroughly explores counseling theories and processes emphasizing critical analysis and the integration of diverse theoretical perspectives for comprehensive client conceptualization. It prioritizes culturally sustaining practices for competent service delivery in various settings and modalities. Participants will engage with methods for evaluating counseling outcomes and navigate complex legal and ethical territories inherent in the profession. This holistic approach prepares students to uphold the multifaceted responsibilities of counselor educators and leaders fostering a deep commitment to innovation advocacy and excellence in the field of counseling. This course comprehensively introduces students to the foundation for all five of our program outcomes by teaching students about their identity as counselor educators including the interrelated nature of their identity as educators with leadership community engagement and advocacy utilization of ethical and research-informed practice and understanding the power and responsibility inherent in their role and the requirement to discern the best course of action in their daily tasks and long-term roles.

CES 801 Doctoral Seminar: Pedagogy (3.00 credit hours)

Introduces students to the roles and responsibilities of educating counselors covering teaching methods adult learning theories curriculum design instructional delivery and the use of technology. It emphasizes diversity equity inclusion belonging and social justice with a focus on universal designs to accommodate all learners. Students will practice instructional and curriculum evaluation assess student learning outcomes mentor professional growth and evaluate dispositions.

CES 802 Doctoral Seminar: Clinical Supervision (3.00 credit hours)

Explores the purposes theories models and relationships in clinical supervision. Students will practice supervision skills across various settings and platforms developing personal strategies for supervision that include assessing supervisee development using different supervision modalities (individual triadic group) ensuring data privacy and handling administrative tasks.

CES 803 Multicultural & Ethical Practices- CES (3.00 credit hours)

Prepares future counselor educators to be multiculturally oriented and ethically competent in counseling supervision teaching research leadership and advocacy. It emphasizes ethical and culturally relevant practices across settings covering legal ethical and multicultural considerations. Students will learn skills in evaluation remediation gatekeeping and fostering diversity equity and inclusion initiatives.

CES 804 Seminar: Leadership and Advocacy (3.00 credit hours)

Covers leadership theories and skills in Professional Counseling emphasizing accreditation standards and leadership strategies in organizational community and academic settings. Students will explore advocacy at individual system and policy levels crisis response consultation leadership current counseling issues and culturally relevant practices.

CES 805 Program Evaluation & Grant Writing (3.00 credit hours)

Provides an introduction to basic program evaluation methods and delivery of program evaluation to stakeholders. Students will also explore the foundation of grant funding and grant writing for community institution and research initiatives. Students will explore and apply best practices in community engagement in program evaluation and grant writing. Learning in this course ties to Program Outcomes A C and D as students gain skills in evaluating and interpreting the effectiveness of mental health programs adjusting program approaches based on evaluation outcomes and discerning how to better serve communities via improved programs and funding of services to meet community needs.

CES 806 Counseling Clinic (3.00 credit hours)

Students will engage in clinical practice developing and applying advanced counseling skills theoretical orientation clinical philosophy and treatment planning. They will focus on evidence-based practices and culturally relevant client care refining client conceptualization evaluating counseling effectiveness and strengthening their professional identity and roles as counselor educators.

CES 807 Research, Theory, Design and Methods (3.00 credit hours)

Provides students with core knowledge and skills necessary for understanding analyzing and designing research at the research doctoral level. Students will explore the philosophy of science the role of theory and multiple research processes. Quantitative qualitative and mixed methods research designs and data collection methods will be introduced. ?The alignment of research components will be emphasized. ?Students will explore ethical and social change implications of designing and conducting research. Measurement theory related measurement concepts instrument selection and evaluation including concepts of validity and reliability will be introduced. ?Students will develop an annotated bibliography on their chosen research topic during this course. Cross listing(s): NR 807.

CES 808 Advanced Quantitative Reasoning (3.00 credit hours)

Students in this research course will build upon knowledge and skills acquired in the prerequisite (CES 807) course and will be presented with opportunities to apply this knowledge. ?This course will provide students with more detailed and specialized knowledge and skills necessary to the conduct of quantitative (deductive) research at the doctoral level including understanding multivariate analysis and applying more advanced statistical concepts including factorial ANOVA mediation moderation logistic regression ANCOVA and MANOVA. ?Students will explore existing datasets and apply appropriate statistical tests to answer research questions with social change implications. ?This course will approach statistics from a problem-solving perspective with emphasis on selection of appropriate statistical tests for complex research questions and social problems. Cross listing(s): NR 808.

CES 809 Advanced Qualitative Reasoning (3.00 credit hours)

Students enrolled in this course will build on knowledge and skills acquired in the previous two courses and have experience applying these concepts in qualitative (inductive) research. Students will develop a more sophisticated understanding of the theoretical antecedents and practical applications of eight contemporary qualitative approaches. ?They will gain experience in the development of qualitative interview guides data collection and management of the process from transcription through analysis. ?The unique challenges of confidentiality and ethical issues will be explored and implications for social change will be addressed. Cross listing(s): NR 809.

CES 810A Doctoral Internship A in CES (3.00 credit hours)

Doctoral-level counseling internships total a minimum of 600 hours. These hours consist of supervised experience in counselor education and supervision (clinical practice consultation supervision research teaching and/or leadership and advocacy). The internship includes most of the activities of a regularly employed professional. The hours are allocated at the discretion of the doctoral advisor. Weekly individual and/or triadic supervision is part of the internship experience. Group supervision is provided on a regular basis. Course learning ties to all Program Outcomes as students build independent skills in teaching counselors-in-training clinical supervision research/program evaluation/grant writing and leadership and advocacy all experiences in which students are asked to examine their community discern community need in partnership with other stakeholders utilize skills to empower community members and evaluate the success of such actions.

CES 810B Doctoral Internship B in CES (3.00 credit hours)

Doctoral-level counseling internships total a minimum of 600 hours. These hours consist of supervised experience in counselor education and supervision (clinical practice consultation supervision research teaching and/or leadership and advocacy). The internship includes most of the activities of a regularly employed professional. The hours are allocated at the discretion of the doctoral advisor. Weekly individual and/or triadic supervision is part of the internship experience. Group supervision is provided on a regular basis. Course learning ties to all Program Outcomes as students build independent skills in teaching counselors-in-training clinical supervision research/program evaluation/grant writing and leadership and advocacy all experiences in which students are asked to examine their community discern community need in partnership with other stakeholders utilize skills to empower community members and evaluate the success of such actions.

CES 810C Doctoral Internship C in CES (3.00 credit hours)

Doctoral-level counseling internships total a minimum of 600 hours. These hours consist of supervised experience in counselor education and supervision (clinical practice consultation supervision research teaching and/or leadership and advocacy). The internship includes most of the activities of a regularly employed professional. The hours are allocated at the discretion of the doctoral advisor. Weekly individual and/or triadic supervision is part of the internship experience. Group supervision is provided on a regular basis. Course learning ties to all Program Outcomes as students build independent skills in teaching counselors-in-training clinical supervision research/program evaluation/grant writing and leadership and advocacy all experiences in which students are asked to examine their community discern community need in partnership with other stakeholders utilize skills to empower community members and evaluate the success of such actions.

CES 810D Doctoral Internship D in CES (3.00 credit hours)

Doctoral-level counseling internships total a minimum of 600 hours. These hours consist of supervised experience in counselor education and supervision (clinical practice consultation supervision research teaching and/or leadership and advocacy). The internship includes most of the activities of a regularly employed professional. The hours are allocated at the discretion of the doctoral advisor. Weekly individual and/or triadic supervision is part of the internship experience. Group supervision is provided on a regular basis. Course learning ties to all Program Outcomes as students build independent skills in teaching counselors-in-training clinical supervision research/program evaluation/grant writing and leadership and advocacy all experiences in which students are asked to examine their community discern community need in partnership with other stakeholders utilize skills to empower community members and evaluate the success of such actions.

CES 810E Doctoral Internship E in CES, Doctoral Internship E in CES (3.00 credit hours)

Doctoral-level counseling internships total a minimum of 600 hours. These hours consist of supervised experience in counselor education and supervision (clinical practice consultation supervision research teaching and/or leadership and advocacy). The internship includes most of the activities of a regularly employed professional. The hours are allocated at the discretion of the doctoral advisor. Weekly individual and/or triadic supervision is part of the internship experience. Group supervision is provided on a regular basis. Course learning ties to all Program Outcomes as students build independent skills in teaching counselors-in-training clinical supervision research/program evaluation/grant writing and leadership and advocacy all experiences in which students are asked to examine their community discern community need in partnership with other stakeholders utilize skills to empower community members and evaluate the success of such actions.

CES 810F Doctoral Internship F in CES, Doctoral Internship E in CES (3.00 credit hours)

Doctoral-level counseling internships total a minimum of 600 hours. These hours consist of supervised experience in counselor education and supervision (clinical practice consultation supervision research teaching and/or leadership and advocacy). The internship includes most of the activities of a regularly employed professional. The hours are allocated at the discretion of the doctoral advisor. Weekly individual and/or triadic supervision is part of the internship experience. Group supervision is provided on a regular basis. Course learning ties to all Program Outcomes as students build independent skills in teaching counselors-in-training clinical supervision research/program evaluation/grant writing and leadership and advocacy all experiences in which students are asked to examine their community discern community need in partnership with other stakeholders utilize skills to empower community members and evaluate the success of such actions.

CES 811A Dissertation/Capstone Portfolio (3.00 credit hours)

Spanning 12 credit hours (and four courses CES 811A-D) this course offers a cutting-edge alternative to traditional doctoral dissertations in counselor education by focusing on a dynamic portfolio development that showcases applied research and scholarly collaboration. Central to this course is the emphasis on teaching students to engage effectively with scholars in the field fostering a collaborative learning environment. Students will participate in joint research projects co-author peer-reviewed articles and present their findings at conferences thereby developing a deep understanding of contemporary issues and advanced research methodologies in counseling. This approach not only enhances their academic experience but also equips them with practical skills for real-world application. Through these activities students will build professional networks gain insights into the publication process and contribute meaningfully to the counseling profession preparing them to be leaders who actively shape and influence the field.

CES 811B Dissertation/Capstone Portfolio (3.00 credit hours)

Spanning 12 credit hours (and four courses CES 811A-D) this course offers a cutting-edge alternative to traditional doctoral dissertations in counselor education by focusing on a dynamic portfolio development that showcases applied research and scholarly collaboration. Central to this course is the emphasis on teaching students to engage effectively with scholars in the field fostering a collaborative learning environment. Students will participate in joint research projects co-author peer-reviewed articles and present their findings at conferences thereby developing a deep understanding of contemporary issues and advanced research methodologies in counseling. This approach not only enhances their academic experience but also equips them with practical skills for real-world application. Through these activities students will build professional networks gain insights into the publication process and contribute meaningfully to the counseling profession preparing them to be leaders who actively shape and influence the field.

CES 811C Dissertation/Capstone Portfolio (3.00 credit hours)

Spanning 12 credit hours (and four courses CES 811A-D) this course offers a cutting-edge alternative to traditional doctoral dissertations in counselor education by focusing on a dynamic portfolio development that showcases applied research and scholarly collaboration. Central to this course is the emphasis on teaching students to engage effectively with scholars in the field fostering a collaborative learning environment. Students will participate in joint research projects co-author peer-reviewed articles and present their findings at conferences thereby developing a deep understanding of contemporary issues and advanced research methodologies in counseling. This approach not only enhances their academic experience but also equips them with practical skills for real-world application. Through these activities students will build professional networks gain insights into the publication process and contribute meaningfully to the counseling profession preparing them to be leaders who actively shape and influence the field.

CES 811D Dissertation/Capstone Portfolio (3.00 credit hours)

Spanning 12 credit hours (and four courses CES 811A-D) this course offers a cutting-edge alternative to traditional doctoral dissertations in counselor education by focusing on a dynamic portfolio development that showcases applied research and scholarly collaboration. Central to this course is the emphasis on teaching students to engage effectively with scholars in the field fostering a collaborative learning environment. Students will participate in joint research projects co-author peer-reviewed articles and present their findings at conferences thereby developing a deep understanding of contemporary issues and advanced research methodologies in counseling. This approach not only enhances their academic experience but also equips them with practical skills for real-world application. Through these activities students will build professional networks gain insights into the publication process and contribute meaningfully to the counseling profession preparing them to be leaders who actively shape and influence the field.

CES 811E Dissertation/Capstone Portfolio (1.00 credit hours)

Designed as a flexible registration option for Ph.D. students in Counselor Education and Supervision who require additional time to complete their dissertation or capstone portfolio work beyond the structured A-D course sequence. While the majority of students complete their dissertation or capstone portfolio within the standard Dissertation/Capstone A-D sequence some students may require continued faculty mentorship access to university resources and formal enrollment in order to maintain active status and progress toward degree completion.

CES 811F Dissertation/Capstone Portfolio (1.00 credit hours)

Designed as a flexible registration option for Ph.D. students in Counselor Education and Supervision who require additional time to complete their dissertation or capstone portfolio work beyond the structured A-D course sequence. While the majority of students complete their dissertation or capstone portfolio within the standard Dissertation/Capstone A-D sequence some students may require continued faculty mentorship access to university resources and formal enrollment in order to maintain active status and progress toward degree completion.

CES 812 Introduction to Play Therapy (3.00 credit hours)

Through lecture and experiential methods students will learn the basic principles and procedures of play therapy which is considered the most evidence-based and developmentally-appropriate mental health intervention for children. Students will explore the historical theoretical and multicultural foundations of play therapy and will learn how to implement foundational child centered play therapy (CCPT) skills to facilitate a child's self-exploration self-expression and self-and-other understanding. By the end of the course students will demonstrate a foundational understanding of the purpose and goals of child-centered play therapy; therapeutic stages and themes; key ethical issues; important social and cultural diversity implications; and the ability to communicate the treatment process to caregivers.

CES 813 Advanced Play Therapy (3.00 credit hours)

Builds on the competencies acquired in the Introduction to Play Therapy course. Students in this course will develop increased proficiency around working with trauma and grief in play therapy; working with aggression and setting limits in play therapy; and making the most of cultural opportunities in play therapy. Students will continue to develop their child-centered play therapy (CCPT) assessment case conceptualization and treatment planning skills. Students will also have the opportunity to receive additional direct supervision of their play therapy skills as well as participate in peer supervision activities.

CES 814 Spirituality and Counseling (3.00 credit hours)

Explores how spirituality religion and a search for meaning are central to the counseling experience. Focuses upon understanding how spirituality and the religious imagination influence and enhance the practice and effectiveness of the therapeutic encounter.

CES 815 Advanced Mixed Methods (3.00 credit hours)

Students enrolled in this course will build upon knowledge and skills acquired in the three previous courses to develop more specialized knowledge and skills necessary in the development implementation and evaluation of mixed methods research at the doctoral level. They will understand the types of mixed methods designs and how to select the most appropriate approach for research question(s). Emphases in this course will be on the successful integration of quantitative (deductive) and qualitative (inductive) elements into true mixed methods studies and will provide opportunities to perform data analysis and integration of quantitative and qualitative data within a research manuscript. The course will emphasize the importance of communication and collaboration between investigators with expertise in the different research paradigms. Cross listing(s): NR 810.

Prerequisite(s): CES 807 CES 808 CES 809.

CES 816 Gender and Sexuality (3.00 credit hours)

Explores the physical psychological social cultural and ethical aspects of human sexuality and gender development. Male and female gender roles sexual expression sexual misconceptions variations in gendered or sexual behavior and common sexual and relationship concerns are applied to theories and techniques of sexuality counseling.

CES 817 Couple Therapy (3.00 credit hours)

Provides an overview of theories of couples therapy relational dynamics cycles of partnering negotiating therapist alliance and bias. Emphasizes skills for working with couples conflict violence infidelity commitment and divorce.

Doctor of Nursing Practice (DNP)**NR 701 Theoretical Application for DNP (3.00 credit hours)**

Facilitates development and evaluation of new practice and delivery approaches based on theories from various disciplines of study. Students examine critique and develop theoretical frameworks that direct health care delivery to improve the health of individuals aggregates and communities. Reflecting on the complexity of health care students develop ethical and evidence-based approaches for the application of natural and social sciences to communities of interest. The course also integrates the concepts of population health and equity of care delivery for vulnerable underserved and diverse populations.

Note(s): DNP students only.

NR 702 Analysis of Biomedical Data for the DNP (3.00 credit hours)

Develops skills and knowledge to manage and analyze biomedical data. Statistics used for decision-making population health assessment and inferential research analysis are applied to describe the health of populations quality assurance initiatives appraisals of effectiveness of interventions and predicting risk in urban or rural geographic or population-based vulnerable or underserved populations.

Note(s): DNP students only.

NR 703 Informatics (3.00 credit hours)

Provides knowledge and skills for nurse leaders to analyze evaluate and utilize health care information systems for the delivery of patient care. Students examine clinical administrative patient education and evidence-based practice informatics applications ethical and legal issues and the design and implementation of information systems in health care systems.

Note(s): DNP students only.

NR 704 Epidemiology & Hlth Promotion for Popltn (3.00 credit hours)

Provides the epidemiological foundations for assessing and planning population health promotion and disease prevention. Emphasizes core concepts of epidemiology including epidemiology models determinants of health and illness epidemiological methods and data measurements and examining the epidemiology of populations across the lifespan. Students examine the role of the DNP in collaborating with community partners in using epidemiology study results for addressing gaps in care for vulnerable and underserved populations at local state national and global levels.

Note(s): DNP students only.

NR 706A DNP Project A (1.00 credit hours)

Capstone projects are change initiatives demonstrating evidence based application knowledge which meets program outcomes. Students identify a vulnerable population and practice problem review literature and plan the change initiative. A capstone committee guides each project.

Note(s): DNP students only.

NR 706B DNP Project B (1.00 credit hours)

Capstone projects are change initiatives demonstrating evidence based application knowledge which meets program outcomes. Students identify a vulnerable population and practice problem review literature and plan the change initiative. A capstone committee guides each project.

Prerequisite(s): NR 706A.

Note(s): DNP students only.

NR 706C DNP Project C (1.00 credit hours)

Capstone projects are change initiatives demonstrating evidence based application knowledge which meets program outcomes. Students identify a vulnerable population and practice problem review literature and plan the change initiative. A capstone committee guides each project.

Prerequisite(s): NR 706A and NR 706B.

Note(s): DNP students only.

NR 707 Clinical Research for DNP (3.00 credit hours)

As the costs of health care continue to rise and society's ability to meet these costs decline there is increasing interest in the efficacy economic evaluation and overall patient satisfaction with health care interventions across populations. This course provides background information on the theoretical foundations implementation and evaluation of outcomes research in evidence-based practice and emphasizes the ongoing use of data to improve the processes systems and delivery of care to vulnerable underserved and diverse populations. Examines concepts related to utilization of outcome data in clinical decision-making at the programmatic and organizational level and develop an outcomes research project proposal.

Note(s): DNP students only.

NR 708 Health Policy Analysis and Development (3.00 credit hours)

Students critically analyze public policy and the implications of policy to consumers professionals and policy makers. Financial and legal influences are discussed as students evaluate policy decisions and strategize ways to drive policy supportive of health care health care delivery health care education and the practice of nursing. Shows evidence of leadership in the development and implementation of health care policy within institutions and the public arena at all levels from local to international.

Prerequisite(s): NR 600 or NR 701.

Note(s): DNP students only.

NR 709 Health System Decision Making (3.00 credit hours)

Students develop and articulate their vision and mission for a nursing practice enterprise as a foundation for a strategic plan to improve health outcomes with diverse vulnerable and/or underserved populations. In collaboration with inter-professional and community partners students apply network and systems thinking and strategic planning principles to authentic issues within the context of a global and evolving health care environment. Case study analysis and organizational and leadership theory are used to develop a nursing practice enterprise to improve the nation's health. Students will analyze diverse health care systems in relationship to local state national and global health care markets and population needs. A comprehensive business plan will be developed that incorporates cost-effective financial planning and project funding. Principles of business finance and economics will be used to develop effective plans that improve the quality of care especially for vulnerable underserved or diverse populations. Students apply foundationally and nursing administration knowledge skills and attitudes to their advanced practice role.

NR 715A Applications to Practice A (1.00-7.00 credit hours)

Students register for a variable number of credit hours based on faculty review of transcripts and degree plan requirements. These precepted experiences are designed to assist students apply theory to practice identify theory to practice disjunctions and complete a DNP Capstone Project in the student's area of interest. Application to practice hours may be scheduled in conjunction with the student's capstone project courses.

Note(s): DNP students only.

NR 715B Applications to Practice B (1.00-7.00 credit hours)

Students register for a variable number of credit hours based on faculty review of transcripts and degree plan requirements. These precepted experiences are designed to assist students apply theory to practice identify theory to practice disjunctions and complete a DNP Capstone Project in the student's area of interest. Application to practice hours may be scheduled in conjunction with the student's capstone project courses.

Note(s): DNP students only.

NR 715C Applications to Practice C (1.00-7.00 credit hours)

These precepted experiences assist students apply theory to practice identify theory to practice disjunctions and complete a DNP Capstone Project. Application to practice hours are scheduled in conjunction with students' capstone project courses.

Note(s): DNP students only.

NR 715D Applications to Practice D (1.00-7.00 credit hours)

Students register for a variable number of credit hours based on faculty review of transcripts and degree plan requirements. These precepted experiences are designed to assist students apply theory to practice identify theory to practice disjunctions and complete a DNP Project in the student's area of interest. Application to practice hours may be scheduled in conjunction with the student's capstone project courses.

NR 725A Application to Practice A (1.00-7.00 credit hours)

Students register for a variable number of credit hours based on faculty review of transcripts and degree plan requirements. These precepted experiences are designed to assist students apply theory to practice identify theory to practice disjunctions and complete a DNP Capstone Project in the student's area of interest. Application to practice hours may be scheduled in conjunction with the student's capstone project courses.

Note(s): DNP students only.

NR 725B Application to Practice B (1.00-7.00 credit hours)

Students register for a variable number of credit hours based on faculty review of transcripts and degree plan requirements. These precepted experiences are designed to assist students apply theory to practice identify theory to practice disjunctions and complete a DNP Capstone Project in the student's area of interest. Application to practice hours may be scheduled in conjunction with the student's capstone project courses.

Note(s): DNP students only.

NR 725C Application to Practice C (1.00-7.00 credit hours)

Students register for a variable number of credit hours based on faculty review of transcripts and degree plan requirements. These precepted experiences are designed to assist students apply theory to practice identify theory to practice disjunctions and complete a DNP Capstone Project in the student's area of interest. Application to practice hours may be scheduled in conjunction with the student's capstone project courses.

Note(s): DNP students only.

NR 725D Application to Practice D (1.00-7.00 credit hours)

Students register for a variable number of credit hours based on faculty review of transcripts and degree plan requirements. These precepted experiences are designed to assist students apply theory to practice identify theory to practice disjunctions and complete a DNP Capstone Project in the student's area of interest. Application to practice hours may be scheduled in conjunction with the student's capstone project courses.

Note(s): DNP students only.

NR 725E Application to Practice E (1.00-7.00 credit hours)

Students register for a variable number of credit hours based on faculty review of transcripts and degree plan requirements. These precepted experiences are designed to assist students apply theory to practice identify theory to practice disjunctions and complete a DNP Capstone Project in the student's area of interest. Application to practice hours may be scheduled in conjunction with the student's capstone project courses.

Note(s): DNP students only.

NR 725F Application to Practice F (1.00-7.00 credit hours)

Students register for a variable number of credit hours based on faculty review of transcripts and degree plan requirements. These precepted experiences are designed to assist students apply theory to practice identify theory to practice disjunctions and complete a DNP Capstone Project in the student's area of interest. Application to practice hours may be scheduled in conjunction with the student's capstone project courses.

Note(s): DNP students only.

NR 790E-W Independent Study (1.00-6.00 credit hours)

Advanced study in specific topic of interest in the areas of practice research or education developed by contract and conducted under the supervision of a faculty member. This is an optional course that is offered with the permission of the faculty.

Prerequisite(s): Graduate standing and permission of instructor required.

Note(s): DNP students only.

NR 799 Project Defense (0.00 credit hours)

Required of all DNP students. Consists of an oral comprehensive presentation on core and specialty course content and evidence of achievement of program and University outcomes.

Note(s): DNP students only.

NR 800 Foundations in PhD Nursing (3.00 credit hours)

Students in this course are introduced to the foundations for professional development as a PhD scholar-practitioner or educator. Students learn professional standards program completion expectations and explore the role(s) of scholar/practitioner/educator as one who effects positive social change. Students will examine scholarship in detail and identify mechanisms to enhance their own scholarship. Course assignments will focus on the practical application of professional writing critical-thinking skills research and the requirements for successful participation in an online curriculum. Students will also explore the essentials of being a Regis University doctoral student relevant professional and specialty standards of doctoral-level nursing intra-and interprofessional collaboration and the process of the doctoral dissertation. **Note(s):** DNP-to-PhD students only.

Prerequisite(s): Graduate standing and admission to the DNP-to-PhD Program.

NR 801 Philosophy of Nursing (3.00 credit hours)

Students in this course will focus on the integration of scientific philosophical and theoretical concepts as the basis for the highest level on nursing practice. They will examine the scientific underpinnings for nursing knowledge development including major theoretical frameworks and the interrelated concepts that inform nursing knowledge research and practice. Students will explore scientific inquiry and ethical issues related to research. Considering various philosophical world views students will describe their own philosophy of nursing and research and will apply course concepts to a variety of assignments designed to prepare them for their dissertation research. **Note(s):** DNP-to-PhD students only.

Prerequisite(s): Graduate standing and admission to the DNP-to-PhD Program.

NR 802 Adv Theoretical Perspectives (3.00 credit hours)

Students in this course will focus on sufficient formal and informal learning experiences to build scientific depth in an identified area of study. They will gain the competencies necessary to critique utilize and integrate different theoretical and scientific perspectives for the conduct of research including team science to generate new ideas based on a critical evaluation of existing knowledge. Attention will be given to the integration of the components of scholarship research teaching mentoring and service to the profession gained from an understanding of the theoretical and scientific underpinnings of nursing and other disciplines. Note(s): DNP-to-PhD students only.

Prerequisite(s): NR 800 and NR 801.

NR 803 Program Design and Evaluation (3.00 credit hours)

This course will critically evaluate curriculum designs in nursing. Students will critique the qualities of effective nursing curricula at both the undergraduate and graduate levels. Students will analyze current accreditation standards in nursing education and their relationship to curriculum and program evaluation. Methods for conducting ongoing curriculum evaluation and revision based on an established quality assessment plan will be explored. Note(s): DNP-to-PhD students only.

Prerequisite(s): NR 800 and NR 801.

NR 804A Doctoral Seminar I (1.00 credit hours)

Doctoral Seminar I will focus on the quantification and interpretation of nursing phenomena with an emphasis on relational statements theory development and conceptual framework design. Students will propose a research idea for dissertation study in this course. Note(s): DNP-to-PhD students only.

Prerequisite(s): NR 800 and NR 801.

NR 804B Doctoral Seminar II (1.00 credit hours)

Doctoral Seminar II will assist students to develop the critical elements of a scientific study. They will engage in an iterative process of developing research questions or hypotheses through peer review and feedback. Students will develop their first manuscript during this course which will focus on their question/problem and provide a comprehensive review of relevant literature. Note(s): DNP-to-PhD students only.

Prerequisite(s): NR 800 NR 801 NR 802 NR804A and NR 807.

NR 804C Doctoral Seminar III (1.00 credit hours)

Doctoral Seminar III will focus on the development of knowledge necessary to identify methods appropriate to answer the selected research question/hypothesis. Students will develop the core elements of a scientific study and ensure that ethical concerns are adequately addressed. Students will complete their Written Qualifying Examination during this course. Note(s): DNP-to-PhD students only.

Prerequisite(s): NR 800 NR 801 NR 802 NR 804A NR 804B and NR 807.

NR 805 Nursing Education Pedagogy (3.00 credit hours)

This course will explore the application of educational theories to the nurse-educator role in higher education. A critical review of the teacher's role in the clinical and classroom settings teaching strategies and student-centered learning outcomes will be conducted. Students will apply reflection to teaching and learn the skills necessary to effectively map curricula against accreditation standards and University outcomes. Note(s): DNP-to-PhD students only.

Prerequisite(s): NR 800 NR 801 and NR 803.

NR 806 Nursing Education Evaluation (3.00 credit hours)

This course will apply measurement theory to nursing education. Students will be presented with multiple strategies to assess and evaluate classroom and clinical performance in nursing education. Evidence-based assessment and evaluation practices including test construction and analysis will be presented and critiqued. Social ethical and legal issues related to documentation will be analyzed. Note(s): DNP-to-PhD students only.

Prerequisite(s): NR 800 NR 801 NR 803 and NR 805.

NR 807 Research Theory, Design & Meth (3.00 credit hours)

This course will provide students with core knowledge and skills necessary for understanding analyzing and designing research at the research doctoral level. Students will explore the philosophy of science the role of theory and multiple research processes. Quantitative qualitative and mixed methods research designs and data collection methods will be introduced. The alignment of research components will be emphasized. Students will explore ethical and social change implications of designing and conducting research. Measurement theory related measurement concepts instrument selection and evaluation including concepts of validity and reliability will be introduced. Students will develop an annotated bibliography on their chosen research topic during this course. Cross listing(s): CES 807. Note(s): DNP-to-PhD students only.

Prerequisite(s): NR 800 NR 801 NR 802 and NR 804A.

NR 808 Advanced Quantitative Reasoning (3.00 credit hours)

Students in this research course will build upon knowledge and skills acquired in the prerequisite (NR 807) course and will be presented with opportunities to apply this knowledge. This course will provide students with more detailed and specialized knowledge and skills necessary to the conduct of quantitative (deductive) research at the doctoral level including understanding multivariate analysis and applying more advanced statistical concepts including factorial ANOVA mediation moderation logistic regression ANCOVA and MANOVA. Students will explore existing datasets and apply appropriate statistical tests to answer research questions with social change implications. This course will approach statistics from a problem-solving perspective with emphasis on selection of appropriate statistical tests for complex research questions and social problems. Cross listing(s): CES 808. Note(s): DNP-to-PhD students only.

Prerequisite(s): NR 800 NR 801 NR 802 NR 804A and NR 807.

NR 809 Advanced Qualitative Reasoning (3.00 credit hours)

Students enrolled in this course will build on knowledge and skills acquired in the previous two courses and have experience applying these concepts in qualitative (inductive) research. Students will develop a more sophisticated understanding of the theoretical antecedents and practical applications of eight contemporary qualitative approaches. They will gain experience in the development of qualitative interview guides data collection and management of the process from transcription through analysis. The unique challenges of confidentiality and ethical issues will be explored and implications for social change will be addressed. Cross listing (s): CES 809. Note(s): DNP-to-PhD students only.

Prerequisite(s): NR 800 NR 801 NR 802 NR 804A NR 804B NR 807 and NR 808.

NR 810 Advanced Mixed Methods Design (3.00 credit hours)

Students enrolled in this course will build upon knowledge and skills acquired in the three previous courses to develop more specialized knowledge and skills necessary in the development implementation and evaluation of mixed methods research at the doctoral level. They will understand the types of mixed methods designs and how to select the most appropriate approach for research question(s). Emphases in this course will be on the successful integration of quantitative (deductive) and qualitative (inductive) elements into true mixed methods studies and will provide opportunities to perform data analysis and integration of quantitative and qualitative data within a research manuscript. The course will emphasize the importance of communication and collaboration between investigators with expertise in the different research paradigms. Cross listing(s): CES 815. Note(s): DNP-to-PhD students only.

Prerequisite(s): NR 800 NR 801 NR 802 NR 804A NR 804B NR 807 NR 808 and NR 809.

NR 811A Publication Seminar I (1.00 credit hours)

Publication Seminar I will focus on development and refinement of the research proposal completion of required Human Subjects Protection education application and submission of the research proposal to the Institutional Review Board and development of their second manuscript which will focus on methods to address the identified problem. Note(s): DNP-to-PhD students only.

Prerequisite(s): NR 800 NR 801 NR 802 NR 804A NR 804B NR 804C NR 807 NR 808 NR 809 and NR 810.

NR 811B Publication Seminar II (1.00 credit hours)

Publication Seminar II will focus on successful implementation of the research project data collection and analysis of project data. Note(s): DNP-to-PhD students only.

Prerequisite(s): NR 800 NR 801 NR 802 NR 804A NR 804B NR 804C NR 807 NR 808 NR 809 NR 810 and NR 811A.

NR 811C Publication Seminar III (1.00 credit hours)

Publication Seminar III will include Final Dissertation Defense before the Faculty Committee degree completion and preparation of the third and final manuscript which will focus on the results of the research project. Note(s): DNP-to-PhD students only.

Prerequisite(s): NR 800 NR 801 NR 802 NR 804A NR 804B NR 804C NR 807 NR 808 NR 809 NR 810 NR 811A and NR 811B.

Doctor of Pharmacy (PHRM)**PHRM 601 Pharm Industry: From Bench to Bedside (3.00 credit hours)**

An overview of the pharmaceutical industry (Rxl) in the context of the drug development process. Students will learn the role that pharmacy trained individuals can have within the Rxl and its associated support services industries.

Prerequisite(s): PHRM 728 or permission of instructor.

PHRM 602 Medical Evidence Evaluation & Comm (3.00 credit hours)

Designed to expand on the students' understanding of medical evidence evaluation. Topics include constructing and executing systematic searches using primary secondary and tertiary literature including guidelines and grey literature; systematically analyzing critiquing and comparing research findings formulating written and verbal responses to questions devising a well-written medical sound document and providing a medically sound oral presentation.

Prerequisite(s): PHRM 601 and PHRM 728 or permission of instructor.

PHRM 603 Legal & Regulatory Env- Pharm Industry (3.00 credit hours)

Introduces students to legal and regulatory practices within the pharmaceutical industry. Topics include pharmacovigilance procedures across the drug development and post marketing lifespan regulatory considerations for INDs NDAs and clinical trials. Regulations regarding US and FDA procedures as well as those outside of the US will be discussed.

Prerequisite(s): PHRM 602 and PHRM 728 or permission of instructor.

PHRM 604 Study Design- Pharmaceutical Industry (3.00 credit hours)

Introduce students to the types of studies conducted to bring a product from conception to market and beyond. They will gain an overview of research methods developing scientific questions hypotheses and statistical inference. They will be introduced to clinical trials and procedures necessary to conduct them. They will be introduced to observational trials to support a product and as surveillance for safety signals. They will be introduced to health economics and outcomes research (HEOR) methods used by decision makers to compare interventions and treatment options. This course will develop each student's ability become pharmacists specializing in the pharmaceutical product lifecycle.

Prerequisite(s): PHRM 603 and PHRM 728 or permission of instructor.

PHRM 605 Research Techniques and Hypotheses (3.00 credit hours)

Students will learn about a variety of laboratory equipment and techniques important to drug development. In addition to learning about the theory behind the techniques students will also gain practice writing standard operating procedures (SOPs). Instruction in developing testable hypotheses and identifying relevant experimental protocols for hypothesis testing will also be covered. Following faculty approval students will use a variety of laboratory methods and instrumentation to collect and analyze data to test a hypothesis.

PHRM 606 Drug Design (2.00 credit hours)

Provides an overview of the drug development process of small molecules and biologics. This class will involve both laboratory and computer driven exercises including statistical analysis of experimental results. The importance of controls and hypothesis driven experimental design will be emphasized. Students will have the opportunity to work on a variety of laboratory equipment involved in drug development and characterization.

PHRM 607 GLP/GMP Guidelines & Ethical Research (2.00 credit hours)

Covers the importance of Good Laboratory Practice (GLP) and Good Manufacturing Practices (GMP) and how to design experiments that adhere to these guidelines so that experiments are reliable and reproducible. This course will also include discussions of ethical situations in biomedical research and the roles of the Institutional Animal Care and Use Committee (IACUC) Institutional Biosafety Committee (IBC) and Institutional Review Board (IRB).

PHRM 608 Journal Club (1.00 credit hours)

Students will learn how to identify peer-reviewed publications participate in and lead a journal club evaluating scientific literature focused on drug development. In a supportive environment students will practice presenting journal club articles discussing strengths and providing constructive critiques of the articles. Throughout this process study design (including appropriate controls) and data interpretation ethical implications and timeliness of the research will be emphasized.

PHRM 609 Research Methods and Applied Statistics (3.00 credit hours)

Focuses on the development of hypothesis-driven research design and data analysis. Students will learn how to state a hypothesis and identify and use appropriate statistical analyses of data to test their hypothesis. How to design research studies relevant to biotechnology and pharmaceutical sciences will also be covered. Students will practice analyzing datasets including dose response curves.

PHRM 610 Research Capstone (1.00-6.00 credit hours)

Students will formulate a research hypothesis and design an experimental study to test it. Upon receiving faculty approval students will implement their study design and collect data to evaluate the hypothesis. This course may be repeated for a total of 6 credits.

PHRM 700E-W Mastering Pharmacy Topics (1.00-2.00 credit hours)

Provides an opportunity for students to improve their understanding and ability to utilize knowledge and skills of material in required lab and classroom-based courses of the current academic year. Elective IPPE and APPE course topics are not included. A student may sign up for no more than two credits in a single academic year. A student may sign up for no more than 3-credits of Mastering Pharmacy Topics throughout the time in the PharmD program. This course cannot be used in partial fulfillment of the elective requirement for the PharmD. Majors only. Pass/No Pass grading.

Note(s): Permission of instructor is required.

PHRM 701 Integrated Pharmacotherapy 1 (4.00 credit hours)

Introduction to basic biochemical pharmacological pharmacokinetic pharmaceutical and medicinal chemistry principals essential to understanding the scientific basis of drug therapy. *Note- Majors Only

PHRM 702 Integrated Pharmacotherapy 2 (4.00 credit hours)

Integrated approach to understanding the pharmacotherapy of disease states. Covers biochemistry physiology pathophysiology medicinal chemistry pharmacology and pharmacotherapy of presentation and management of gastrointestinal endocrine cardiovascular renal and nutrition disorders. Includes principals of dosage forms and drug delivery strategies.

PHRM 703 Integrated Pharmacotherapy 3 (4.00 credit hours)

Integrated approach to understanding the pharmacotherapy of disease states. Covers biochemistry physiology immunology pathophysiology medicinal chemistry pharmacology and pharmacotherapy of presentation and management of cardiovascular endocrine psychiatric and respiratory disorders. Includes principles of dosage forms and drug delivery strategies.

PHRM 704 Integrated Pharmacotherapy 4 (4.00 credit hours)

Integrated approach to understanding the pharmacotherapy of disease states. Covers biochemistry immunology physiology pathophysiology medicinal chemistry pharmacology and pharmacotherapy of presentation and management of infectious disease neurologic psychiatric and respiratory disorders. Includes principles of dosage forms and drug delivery strategies.

PHRM 705 Integrated Pharmacotherapy 5 (4.00 credit hours)

Integrated approach to understanding the pharmacotherapy of disease states. Covers biochemistry physiology pathophysiology medicinal chemistry pharmacology and pharmacotherapy of presentation and management of selected gastrointestinal dermatologic endocrine neurologic infectious disease and oncologic disorders. Includes principles of dosage forms and drug delivery strategies.

Prerequisite(s): PHRM 704.

PHRM 706 Integrated Pharmacotherapy 6 (4.00 credit hours)

Integrated approach to understanding the pharmacotherapy of disease states. Covers biochemistry physiology pathophysiology medicinal chemistry pharmacology and pharmacotherapy of presentation and management of selected cardiac vascular and renal disorders. Includes principles of dosage forms and drug delivery strategies.

Prerequisite(s): PHRM 704.

PHRM 707 Integrated Pharmacotherapy 7 (4.00 credit hours)

Integrated approach to understanding the pharmacotherapy of disease states. Covers biochemistry physiology pathophysiology medicinal chemistry pharmacology dosage form and drug delivery strategies and pharmacotherapy of selected neurologic psychiatric bone and joint and immunologic disorders.

Prerequisite(s): PHRM 704.

PHRM 708 Integrated Pharmacotherapy 8 (4.00 credit hours)

Integrated approach to understanding the pharmacotherapy of disease states. Covers biochemistry physiology pathophysiology medicinal chemistry pharmacology and pharmacotherapy of presentation and management of selected women's and men's health oncologic and infectious disorders. Includes principles of dosage forms and drug delivery strategies.

Prerequisite(s): PHRM 704.

PHRM 709 Integrated Pharmacotherapy 9 (4.00 credit hours)

Integrated approach to understanding the pharmacotherapy of selected disease states including oncologic and hematologic disorders viral and fungal infections and transplant. Covers biochemistry physiology pathophysiology medicinal chemistry pharmacology and pharmacotherapy with principles of dosage forms and drug delivery strategies.

Prerequisite(s): PHRM 706.

PHRM 710 Integrated Pharmacotherapy 10 (4.00 credit hours)

Integrated approach to understanding the pharmacotherapy of selected disease states including psychological and neurological disorders and bacterial infections. Covers biochemistry physiology pathophysiology medicinal chemistry pharmacology and pharmacotherapy with principles of dosage forms and drug delivery strategies.

Prerequisite(s): PHRM 706.

PHRM 711 Integrated Pharmacotherapy 11 (4.00 credit hours)

Integrated approach to understanding/solving problems of concomitant diseases through complicated patient cases. Material from previous pharmacotherapy courses is addressed and new material is introduced. Includes physicochemical/biological principles of dosage forms and drug delivery methods for appropriate treatment.

Prerequisite(s): PHRM 708.

PHRM 712 Integrated Pharmacotherapy 12 (4.00 credit hours)

Integrated approach to understanding/solving problems of concomitant diseases through complicated patient cases. Material from previous pharmacotherapy courses is addressed and new material is introduced. Includes physicochemical/biological principles of dosage forms and drug delivery methods for appropriate treatment.

Prerequisite(s): PHRM 708.

PHRM 721 Integrated Pharmacy Lab 1 (1.00 credit hours)

Introduces pharmacy students to basic pharmaceutical measurements compounding (sterile and nonsterile) and prescription interpretation and dispensing. Blood pressure measurements and other physical assessments documentation and clinical skills will also be covered aiming to extend student understanding of disease states covered in the Integrated Pharmacotherapy sequence. Pharmaceutical calculations will be emphasized in this and other courses throughout the lab sequence.

PHRM 722 Integrated Pharmacy Lab 2 (1.00 credit hours)

Introduces compounding of tablet topical and oral suspensions and solutions. Examines devices for home diabetes monitoring. The second half of the semester focuses on pulmonary assessment inhaler counseling and smoking cessation counseling.

PHRM 723 Integrated Pharmacy Laboratory 3 (1.00 credit hours)

The course is designed to develop patient assessment and counseling prescription preparation extemporaneous compounding and dispensing skills. The topic sequence is designed to coordinate with those presented in the integrated therapeutics sequence.

Prerequisite(s): PHRM 722.

PHRM 724 Integrated Pharmacy Laboratory 4 (1.00 credit hours)

Builds on skills introduced in IL 1-3 and acquire new patient assessment communication pharmaceutical calculations prescription preparation and dispensing and extemporaneous compounding skills. Topics are designed to complement the integrated pharmacotherapy course.

Prerequisite(s): PHRM 722.

PHRM 726 Professional Development (1.00 credit hours)

Course series (PD-1 2) builds foundational pharmacy professional development skills. Throughout this course (PD-2) students will apply research skills to evaluate contemporary healthcare literature create clear and organized presentations learn to effectively utilize audiovisual tools develop professional presentation skills identify methods of objective assessment gain medication therapy management (MTM) knowledge and skills and begin their practice of life-long-learning. Faculty mentors with predetermined scientific and pharmacotherapeutic focus areas will be assigned for each professional seminar presentation during Professional Development 1 & 2.

PHRM 727 Integrated Literature Evaluation 1 (3.00 credit hours)

Study of literature evaluation and research study design. Discuss advantages and disadvantages of primary secondary and tertiary literature. Systematically approach drug information requests and to efficiently find and evaluate biomedical literature. Evaluate a study for validity design and methods.

PHRM 728 Integrated Literature Evaluation 2 (3.00 credit hours)

Introduces advanced research methods and statistical analyses used in clinical studies. Students will learn univariate and multivariable analysis including confounding effect modification correlation linear and logistic regression and Cox survival analysis. Core concepts such as study design validity bias and epidemiological measures of effect are taught. The course also covers the development and interpretation of clinical practice guidelines AI-assisted literature searching and the formulation of clear evidence-based responses to drug information questions.

Prerequisite(s): PHRM 727.

PHRM 730 Pharmacy & US Health Care System (3.00 credit hours)

Examines ways health care is accessed and used in the United States. Compares other systems around the world. Discusses roles of regulatory agencies advocacy organizations and the pharmaceutical industry. Covers issues of public health policy economic behavior outcomes.

PHRM 731 Literature Analysis (3.00 credit hours)

Focuses on the evaluation of primary literature including randomized controlled trials non-inferiority trials cohort studies case-control studies and meta-analyses. Throughout the course series students will apply research skills to critically assess contemporary healthcare literature with an emphasis on study design internal and external validity and statistical interpretation. The course culminates in a student-led evaluation of a primary literature article presented in the form of a structured journal club demonstrating the application of critical appraisal of the literature.

Prerequisite(s): PHRM 728 and PHRM 730.

PHRM 732 Leadership and Management (3.00 credit hours)

Introduces topics such as key business relationships planning market analysis ownership service offerings competitive strategies and operations. Covers fundamental principles of leadership including attributes of effective leaders and cultivation of personal leadership qualities.

PHRM 733 Pharmacoeconomics (1.00 credit hours)

Provides an introduction to pharmacoeconomics focusing on methods for evaluating and interpreting pharmacoeconomic studies to inform healthcare decision-making. Students will examine the collection and analysis of monetary costs associated with pharmaceutical products and alternatives in relation to value and outcomes (e.g. quality of life or efficacy). Key topics include cost-minimization analysis cost-effectiveness analysis cost-utility analysis and cost-benefit analysis along with the critical appraisal of research articles that apply these methods.

PHRM 740 Pharmacy Law and Policy (3.00 credit hours)

Examines the history of pharmacy laws and how the laws structure current practice guidelines and impact the distribution/dispensing of drugs. Explores state and local statutes concerning business and pharmacy practice. Civil liability and professional ethics are discussed.

PHRM 741 Therapeutic Principles of Self-Care (3.00 credit hours)

Provides principals of self-care product selection and rational use of nonprescription medications. Emphasizes appliances durable medical goods and OTC testing devices. Practices interviewing decision-making for patient triage and consultation skills. Service learning allows students to consider issues of self-care in socio-economically challenged populations.

PHRM 743 Faith Spirituality & Culture Hlth Care (3.00 credit hours)

Survey of different religious beliefs and how people in various faith traditions access and use health care resources; emphasis on understanding and communicating with patients who present with less commonly encountered beliefs.

PHRM 750 Introduction to Pharmacy Practice (2.00 credit hours)

Focuses on preparing students for the introductory pharmacy practice experiences. Students spend the semester obtaining necessary training for experiential education learning elements of professionalism specifically communication interactions and behaviors. Introduction is also made to healthcare documentation and drug information. *Note-Majors Only

PHRM 751 Introductory Pharmacy Practice Exp 1 (2.00 credit hours)

The first of five experiential courses. Students spend six hours weekly at a community or institutional site learning about the pharmacy practice setting and completing assignments related to concepts in their concurrent course work. Prerequisite(s) PHRM 750.

PHRM 752 Introductory Pharmacy Practice Exp 2 (2.00-3.00 credit hours)

Students will gain pharmacy practice experience in either a community or institutional site learning about the pharmacy practice in that setting and completing assignments related to concepts in their concurrent course work. The number of credits that the students register for is related to the hours spent at the site. Accelerated pathway students should register for three credits and traditional pathway students should register for two credits.

PHRM 753 Introductory Pharmacy Practice Exp 3 (2.00-3.00 credit hours)

Provides experiential education through activities at a community or institutional site. In this course students learn about the pharmacy practice setting and complete assignments related to concepts in their concurrent coursework. The total hours at the experiential education site are based on whether the student is pursuing the traditional or accelerated pathway to earn the PharmD degree. Traditional Pathway students should register for two credits while Accelerated Pathway students should register for three credits.

PHRM 754 Introductory Pharmacy Practice Exp 4 (2.00-3.00 credit hours)

Introductory Pharmacy Practice Experience 4 is the fourth of five experiential courses for the students in the traditional pathway and the second experiential course for students in the accelerated pathway. Traditional pathway students spend six hours weekly at an institutional site learning about the institutional pharmacy practice setting and completing assignments related to concepts in their concurrent course work. Accelerated pathway students spend a total of 110 hours at the experiential sites.

Prerequisite(s): PHRM 753.

PHRM 755 Introductory Pharmacy Practice Exp 5 (2.00 credit hours)

Inter-professional simulations designed to combine pharmacy knowledge with practice in professionalism.

Prerequisite(s): PHRM 754.

PHRM 756 Introductory Pharmacy Practice Exp - A (1.00 credit hours)

Companion course to PHRM 751 for students participating in more experiential hours to pursue the PharmD degree along an accelerated pathway. Corequisite(s): PHRM 751.

Prerequisite(s): PHRM 750.

PHRM 757 Introductory Pharmacy Practice Exp - B (1.00 credit hours)

Provides experiential education through activities at a community or institutional site or simulation activities. In this course students learn about the pharmacy practice setting and completing assignments related to concepts in their concurrent coursework. Course is intended for students pursuing the PharmD degree via the Accelerated Pathway.

PHRM 760 Advanced Pharmacy Practice Experience 1 (6.00 credit hours)

The first of eight required advanced experiential courses. Designed to expand the student's knowledge and practice skills needed to perform activities commonly encountered in a variety of pharmacy settings.

PHRM 761 Advanced Pharmacy Practice Experience 2 (6.00 credit hours)

The second of eight required advanced experiential courses. Designed to expand the student's knowledge and practice skills needed to perform activities commonly encountered in a variety of pharmacy settings.

PHRM 762 Advanced Pharmacy Practice Exp 3 (6.00 credit hours)

The third of eight required advanced experiential courses. Designed to expand the student's knowledge and practice skills needed to perform activities commonly encountered in a variety of pharmacy practice settings.

PHRM 763 Advanced Pharmacy Practice Exp 4 (6.00 credit hours)

The fourth of eight required advanced experiential courses. Designed to expand the student's knowledge and practice skills needed to perform activities commonly encountered in a variety of pharmacy practice settings.

PHRM 764 Advanced Pharmacy Practice Exp 5 (6.00 credit hours)

The fifth of eight required advanced experiential courses. Designed to expand the student's knowledge and practice skills needed to perform activities commonly encountered in a variety of pharmacy practice settings.

PHRM 765 Advanced Pharmacy Practice Exp 6 (6.00 credit hours)

The sixth of eight required advanced experiential courses. Designed to expand the student's knowledge and practice skills needed to perform activities commonly encountered in a variety of pharmacy practice settings.

Prerequisite(s): PHRM 764.

PHRM 766 Advanced Pharmacy Practice Exp 7 (6.00 credit hours)

The seventh of eight required advanced experiential courses. Designed to expand the student's knowledge and practice skills needed to perform activities commonly encountered in a variety of pharmacy practice settings.

Prerequisite(s): PHRM 765.

PHRM 767 Advanced Pharmacy Practice Exp 8 (6.00 credit hours)

The eighth of eight required advanced experiential courses. Designed to expand the student's knowledge and practice skills needed to perform activities commonly encountered in a variety of pharmacy practice settings.

Prerequisite(s): PHRM 766.

PHRM 770 Drug-Induced Problems (3.00 credit hours)

Focuses on clinically important problems which arise due to drug-drug drug-disease drug-organ and drug-food interactions. Basic science clinical practice drug information and pre- and post-marketing topics related to drug-induced problems will be covered.

PHRM 771 Immunology: Current & Emerging Infectious Dis (3.00 credit hours)

Provide students an in depth review on the role of innate and adaptive immune responses to viral bacterial fungal and parasitic infections and how specific pathogens are transmitted. Topics will include emerging infectious diseases that are not discussed in other curriculum. Discussions regarding the treatment of these emerging infectious diseases will include evaluations of FDA guidelines and primary literature recommendations. Containment and government agency response strategies will also be discussed for Category A-C pathogens. Course will provide students background knowledge and guidance toward treatment of emerging infectious diseases that healthcare workers may experience in practice.

Note(s): Second and third year pharmacy students only.

PHRM 772 Drugs of Abuse (3.00 credit hours)

Covers the pharmacological clinical and societal aspects of psychoactive/psychotropic drugs of abuse. Special emphasis is placed on observable signs and symptoms screening and therapeutic management of commonly abused drugs.

PHRM 773 Pediatric Pharmacy (3.00 credit hours)

Active learning approach to understanding the pharmacokinetic/ pharmacodynamic differences in the management of pediatric patients as well as the pharmacotherapy of selected disease states including pulmonary gastrointestinal endocrine neurological and infectious disorders in the pediatric patient. Covers classification of disease stage differences in the management and clinical presentation of a pediatric patient as compared to an adult calculation of appropriate dosages for a pediatric patient first-line treatment and use of databases for appropriate management of a pediatric patient and the risk of drugs during pregnancy and lactation.

Prerequisite(s): PHRM 708.

PHRM 774 Advanced Topics in Pharmacotherapy (2.00-3.00 credit hours)

Provides students with the opportunity to gain foundational academic experience (e.g. attending specialized presentations to gain knowledge of a field researching topics presenting findings to an educated audience and assessing learning) in the context of advanced pharmacotherapy.

Note(s): Course is open to P3 or A2 students.

PHRM 775 Pharmacogenomics (3.00 credit hours)

Using a bench-to-bedside approach the course content spans from foundational genetic concepts to the role of pharmacogenomics in managing selected disease states. In addition the ethical legal and social implications of pharmacogenomics will be presented.

Note(s): P3 Class Standing.

PHRM 776 Adv Topics in Drug Information-Online (2.00 credit hours)

Expands on the understanding of drug information. Topics include answering difficult drug information questions interpreting and critiquing the primary literature formulary management and medical writing.

Prerequisite(s): PHRM 727 and PHRM 728.

Note(s): P3 standing required.

PHRM 777 Palliative Care (3.00 credit hours)

Introduces students to the interdisciplinary nature and principles of palliative care emphasizing the role of the pharmacist. Enhances the student's ability to determine appropriate pharmacological management for pain and symptom control in the dying patient.

PHRM 778 Spanish for Pharmacy Practice 1 (3.00 credit hours)

Introduces elemental and basic conversational Spanish. Basic words and phrases and health-related words will be covered so that students can communicate with Spanish-speaking patients and clients.

PHRM 779 Applied Leadership in Pharmacy Practice (3.00 credit hours)

Discover reflect on and enhance leadership skills by emphasizing the development of a personal mission statement timeless leadership and influence principles conflict management positive reinforcement strategies effective interpersonal communication embracement of adversity and emotional intelligence.

Prerequisite(s): PHRM 752.

PHRM 780 Intermediate Medical Spanish (3.00 credit hours)

This Medical Spanish course tailored for pharmacy students is an opportunity to extend conversational Spanish and medical vocabulary in various pharmaceutical contexts. Language learning is both academic and experiential. You will need to memorize new vocabulary think about how it pulls together to form a complete thought and practice.

Prerequisite(s): PHRM 778.

PHRM 781 Interprofessional Fnd Global Health I (1.00 credit hours)

Examines strategies for students to become engaged leaders in the health professions within the current global reality. Core concepts of international service poverty and global injustice structural violence determinants of health culture and foreign aid will be addressed.

PHRM 782 Medicine on a Plate (1.00-3.00 credit hours)

Introduces students to various diet plans that have been shown to be statistically beneficial in different disease states. Registering for more than 1-credit is only by permission of the instructor. A mentored project is required. The student must contact the course director for information and project approval. Student must have completed two semesters of the PharmD program.

PHRM 783 Advanced Topics in Drug Information (3.00 credit hours)

Expands on the students' understanding of drug information. Topics include literature evaluation claims in the media and the basis for truth formulary management medication safety initiatives and medical writing.

Prerequisite(s): PHRM 727 and PHRM 728.

PHRM 784 Transgender & Gender Diverse Healthcare (3.00 credit hours)

Explores the unique experiences of transgender and gender diverse (TGD) populations when encountering the healthcare system. The course content spans foundational concepts of gender identity terminology unique health disparities and considerations for medical gender affirming and mental health treatments among TGD populations.

PHRM 785 Interprofessional Spiritual Care (2.00 credit hours)

Blended inter-professional course advancing knowledge in application of spiritual assessment and support of whole patient needs. Includes a community field experience working with spiritual provider mentors in various settings-examples hospital and hospice.

Prerequisite(s): PHRM 784.

PHRM 786 Advanced Self Care (3.00 credit hours)

Incorporation of multiple disease-states in the self-care arena to evaluate and determine appropriate self-care product selection and non-pharmacologic recommendation for numerous patient populations. Further emphasis on interviewing decision-making for patient triage and consultation skills will be incorporated.

PHRM 788 Critical Review in Oncology Research (3.00 credit hours)

Provides critical review of preclinical and clinical oncology pharmacy research. Emphasis of study is placed on ground-breaking discoveries in oncology pharmacotherapy. Reviews and discusses essential articles from primary literature sources in order to develop an original research proposal in the field of oncology pharmacy.

Prerequisite(s): PRHM 728.

Note(s): Students must be in professional year 3 of the pharmacy program.

PHRM 789 Princ Med Chem & Drug Design (3.00 credit hours)

Introduction to the fundamentals of medicinal chemistry including the mechanistic organic chemistry of enzyme function and drug metabolism receptor binding theory and drug design and discovery. Primary literature will be referenced in order to develop a thorough understanding of basic principles and to explore select case studies. Students will be expected to apply learned principles in the computer aided rational design of their own novel drug molecule.

Note(s): Second year pharmacy (P2) standing or above required.

PHRM 790E-W Directed Study Series (1.00-4.00 credit hours)

Designed to expand on the student's understanding of a specific and focused area of pharmacy studies. Students will learn to completely comprehend a particular subject in the field of pharmacy.

PHRM 791 Acute Care (2.00 credit hours)

Explores a comprehensive evaluation of conditions commonly encountered in hospitalized patients. Students will begin acute care APPE rotations more prepared to evaluate complex patient situations.

Prerequisite(s): PHRM 710.

Note(s): P3 Standing.

PHRM 792 Advanced Neurology (3.00 credit hours)

Explores neurological disorders that may have few or not well established treatments. Topics will include among others Guillain-Barre Syndrome Amyotrophic Lateral Sclerosis Fibromyalgia Huntington's Disease and NMDA Receptor Encephalitis.

Note(s): P2 Standing required.

PHRM 793 Pharmacy Entrepreneurship (3.00 credit hours)

Explores key business relationships; business planning; market analysis; forms of ownership; service offerings; competitive strategies; promotion/marketing customer service financial inventory and human resource management reimbursement challenges; and professional advocacy to support pharmacy entrepreneurship.

PHRM 794 Pharmacy Residency Preparation Elective (1.00 credit hours)

Provides students the opportunity to explore what a pharmacy residency is learn skills that will help them be a competitive applicant and learn what it means to be a pharmacy leader.

Note(s): P3 standing required.

PHRM 795 Immunology and Vaccines (3.00 credit hours)

Provides students with in depth discussions regarding how the immune system responds to different types of disease. Students will gain a better understanding of how vaccines that protect from such diseases are developed and delivered. The course will also devote time to discussing special cases of vaccinology such as travel vaccines cancer vaccines and animal vaccines as a means to prevent spread of zoonotic disease. The course will then end with a review of FDA guidelines for vaccine development approval reporting of adverse effects and the current vaccine schedules.

Prerequisite(s): PHRM 703.

PHRM 796 Critical Evaluation-Alternative Medicine (3.00 credit hours)

Offers a critical review of the popular and scientific literature on a variety of claims of alternative medicine. Clinical faculty will offer insights into appropriate and supportive means of patient counseling.

PHRM 797 Intro-Pharmaceuticals - Bench to Bedside (1.00 credit hours)

An overview of the pharmaceutical industry (RXL) in the context of the drug development process. Students will learn the role that pharmacy-trained individuals can have within the RXL and its associated support services industries.

Note(s): P2 standing required.

PHRM 798 Point-Of-Care Testing Certificate (1.00 credit hours)

Students will earn a point-of-care certificate through a program offered by NACDS. The format includes pre-reading a 2 day program and a skills assessment. Program fee is \$100.00

Prerequisite(s): PHRM 705.

PHRM 799 Reflective Look At Holistic Medicine (3.00 credit hours)

Provides an opportunity for students to learn about and reflect on holistic and alternative medication practices. Understanding this will help students interact their patients while respecting their values and beliefs.

Note(s): P2 and P3 students only.

Doctor of Physical Therapy (DPT)**DPT 701 Human Anatomy and Histology (6.00 credit hours)**

Examines normal gross anatomy and histology across the lifespan. Explores relationships of the musculoskeletal nervous integumentary and cardiopulmonary systems at the cellular tissue organ and system level. Neuromusculoskeletal embryology is included. Corequisite(s): DPT 770.

Note(s): Laboratory includes cadaver dissection.

DPT 703 Biomechanics & Kinesiology- Extremities (3.00 credit hours)

Investigates the structure and function of tissues during movement. Explores kinematic kinetic and muscle function relationships of extremity single and multi-axis joints. Laboratory includes principles and methods of evaluation for muscle and joint function for extremities.

DPT 704 Neuroscience (4.00 credit hours)

Studies the structure/function of the nervous system across the lifespan. Includes cellular systemic and clinical pathology discussions of peripheral and central neural components. Examines sensations perceptions cognition and muscle control as well as introduces pathology and basic examinations of these systems.

Prerequisite(s): DPT 701.

Note(s): Laboratory included.

DPT 705 Biomechanics & Kinesiology-Spine (2.00 credit hours)

Investigates structure and function of tissues during movement. Explores kinematic kinetic and muscle function relationships of axial single and multi-axis joints. Laboratory includes principles and methods of evaluation for TMJ/Spine muscle and joint function.

Prerequisite(s): DPT 701 and DPT 703.

DPT 706 Movement Science (2.00 credit hours)

Investigates the theoretical principles of motor learning and motor control. Analysis of the motor behavior approach to movement science and clinical intervention is discussed. Corequisite(s): DPT 704.

Note(s): Laboratory included.

DPT 707 Examination of the Movement System (4.00 credit hours)

Analyzes neural recruitment of muscle kinematic and kinetic characteristics of multi-joint movement patterns in the extremities across the lifespan. Balance upper extremity function transitional movement and gait are addressed.

Prerequisite(s): DPT 705.

Note(s): Laboratory included.

DPT 708 Mgmt Apps of Physiology: MAP I (3.00 credit hours)

Studies physiologic principles necessary for physical activity physiologic changes and adaptations that occur with exercise and the associated effects of physical activity on health and wellness across the lifespan. Addresses measurement of fitness and development of training programs to improve physical fitness.

Note(s): Laboratory included.

DPT 714 Psychosocial Aspects of Health Care (3.00 credit hours)

Explores the physical therapist's role and evidence-based strategies for effective interprofessional management of patients with biopsychosocial considerations related to disability chronic pain mental health substance use spirituality loss physical abuse culture and diversity.

DPT 715 Health Care Policy (2.00 credit hours)

Explores major forms of health care delivery and how they interact with physical therapy services. Investigates practice settings organizational structures reimbursement mechanisms and the impact of managed care from a fiscal quality and legal perspective.

DPT 716 Business Management (2.00 credit hours)

Introduces principles of strategic planning market analysis personnel fiscal and total quality management through development of a business plan. Applies legal boundaries and ethical guidelines related to service provision issues.

DPT 719 Exercise Foundations (1.00 credit hours)

Investigates principles of therapeutic exercise in relationship to clinical interventions. Integrates individual exercise prescription for optimal health across the lifespan. Focuses on basic principles for identification intervention modification and progression of therapeutic exercises.

Prerequisite(s): DPT 708.

Note(s): Laboratory included.

DPT 730 Physical Therapy Examination (3.00 credit hours)

Introduces physical therapy examination evaluation and diagnosis within a clinical decision making framework referencing the Guide to Physical Therapist Practice.

Prerequisite(s): DPT 701 DPT 703 and DPT 708.

Note(s): Laboratory included.

DPT 731 Differential Diagnosis (2.00 credit hours)

Applies clinical decision making principles to differential diagnosis of clients with movement system dysfunction across multiple systems. Explores the primary care practitioner's role in reviewing systems to differentiate movement system disorders from those requiring a referral.

Prerequisite(s): DPT 735 DPT 737 and DPT 738.

Note(s): Laboratory included.

DPT 732 Mgmt Applications of Physiology II (5.00 credit hours)

Studies physiology and pathophysiology of the cardiovascular and pulmonary systems across the lifespan. Incorporates physiologic principles in the physical therapy management of patients with cardiovascular and pulmonary conditions. Includes investigation of pharmacokinetic and pharmacotherapeutic principles considering clinical application therapeutic and adverse effects and drug interactions. Emphasizes knowledge of the relationship between medications physiologic response and physical therapy interventions to improve patient/client outcomes.

Prerequisite(s): DPT 701 and DPT 708.

DPT 733 Musculoskeletal Management I (4.00 credit hours)

Initiates patient management strategies for individuals with musculoskeletal problems. Course emphasizes individuals with lower extremity musculoskeletal problems. Includes therapeutic exercise manual therapy and modalities for lower extremity regions.

Prerequisite(s): DPT 730.

Note(s): Laboratory included.

DPT 734 Musculoskeletal Management II (4.00 credit hours)

Develops patient management strategies for individuals with musculoskeletal problems. Course emphasizes lumbopelvic and thoracic regions. Includes therapeutic exercise manual therapy and modalities for individuals with lumbopelvic and thoracic conditions.

Prerequisite(s): DPT 733.

Note(s): Laboratory included.

DPT 735 Musculoskeletal Management III (4.00 credit hours)

Refines patient management strategies for individuals with musculoskeletal problems. Course emphasizes upper extremity craniofacial and cervical spine. Includes therapeutic exercise manual therapy and modalities for upper extremity craniofacial and cervical conditions.

Prerequisite(s): DPT 734.

Note(s): Laboratory included.

DPT 736 Neurological Management I (4.00 credit hours)

Studies the intervention for individuals with neurological dysfunction based upon neurophysiological and pathokinesiological mechanisms resulting in pathology impairments functional limitations and disabilities. Emphasizes application and integration of theoretical constructs evidence-based practice examination evaluation diagnosis prognosis intervention and measurement of outcomes.

Prerequisite(s): DPT 704 DPT 706 DPT 707 DPT 710 DPT 730 and DPT 732.

Note(s): Laboratory included.

DPT 737 Neurological Management II (5.00 credit hours)

Continues the study of interventions for individuals across a lifespan with neurological dysfunction based upon neurophysiological and pathokinesiological mechanisms resulting in pathology impairments functional limitations and disabilities. Emphasizes evidence-based clinical decision making for examination evaluation diagnosis prognosis intervention and measurement of outcomes.

Prerequisite(s): DPT 736.

Note(s): Laboratory included.

DPT 738 Mgmt Apps of Physiology: Map III (5.00 credit hours)

Studies physiology and pathophysiology of the gastrointestinal renal endocrine immune and integumentary systems across the lifespan. Incorporates identification of signs and symptoms associated with disease. Discusses management of patients with conditions affecting these systems or a combination of systems.

Prerequisite(s): DPT 732.

Note(s): Laboratory included.

DPT 739 Exercise Applications (2.00 credit hours)

Integrates individual exercise interventions for optimal health across the lifespan. Focuses on the identification intervention and progression of therapeutic exercises for patients in various phases of rehabilitation.

Prerequisite(s): DPT 735 DPT 737 and DPT 738.

Note(s): Laboratory included.

DPT 740 Management of the Movement System (2.00 credit hours)

Applies clinical decision-making principles for the management of individuals with movement system dysfunction across multiple systems for special areas of practice including geriatrics pediatrics ergonomics orthotics and prosthetics. Applies management principles across episodes of care.

Prerequisite(s): DPT 735 DPT 737 and DPT 738.

DPT 750 Clinical Education I (2.00 credit hours)

Focuses on examination evaluation and intervention techniques in a clinical setting. Utilizes written and oral interpersonal communication skills with patients/clients family and other staff. Emphasizes professional socialization self-assessment and critical thinking.

Note(s): Pass/No Pass grading only.

DPT 751 Clinical Education II (4.00 credit hours)

Emphasizes application of comprehensive prevention examination evaluation diagnosis prognosis intervention and outcome strategies for clients with cardiopulmonary musculoskeletal and/or neuromuscular problems in a clinical setting. Requires refinement of interpersonal communication skills role delineation and professional behaviors.

Prerequisite(s): DPT 750.

Note(s): Pass/No Pass grading only.

DPT 752 Clinical Education III (5.00 credit hours)

Focuses on the integration and application of all previous course and clinical work in relationship to the development enhancement and restoration of movement function the prevention of movement dysfunction and non-patient care opportunities. Length and timing of clinical placements at any one facility may vary.

Prerequisite(s): DPT 751.

Note(s): DPT 752 and DPT 753 are a 24-week combined clinical experience.

DPT 753 Clinical Education IV (6.00 credit hours)

Continues the focus of DPT 752. In addition to the refinement of critical thinking and clinical decision making emphasizes the autonomous practice and professional socialization in the clinical setting. Non-patient care opportunities will also be included. Time may be divided into a number of clinical placements of varied lengths and practice settings.

Prerequisite(s): DPT 752.

Note(s): DPT 752 and DPT 753 are a 24-week combined clinical experience.

DPT 760E-W Independent Study in PT (1.00-6.00 credit hours)

Advanced study in specific topic of interest in the areas of practice research or education developed by contract and conducted under the supervision of a faculty member. This is an optional course that is offered with the permission of the faculty. Graduate standing required.

DPT 770 Professional Issues/Case Management I (1.00 credit hours)

Begins a six course sequence. Introduces mission and philosophy curriculum model and service learning. Explores student values principles of teaching learning and aspects of professionalism.

Note(s): Laboratory included.

DPT 771 Professional Issues/Case Management II (2.00 credit hours)

Introduces health care delivery systems regulation of and legal requirements for clinical practice and documentation and the role of the physical therapist and physical therapist assistant. Uses evidences from the literature and other available sources to discuss clinical situations in small group tutorials with faculty facilitation. These tutorials use problem-based learning concepts. Expands application of communication and teaching/learning theory.

Prerequisite(s): DPT 770.

Note(s): Laboratory included.

DPT 772 Prof Issues/Case & Practice Mgt III (2.00 credit hours)

Expands concepts of problem-based learning using patient scenarios. Discusses diversity scope of practice and professionalism in clinical settings as well as difference in management and leadership roles payment processes and financial implications for providing services.

Prerequisite(s): DPT 771.

Note(s): Laboratory included.

DPT 773 Professional Issues IV and Ethics (3.00 credit hours)

Continues problem-based learning using patient scenarios to expand the application of communication and teaching/learning theory and the role of a doctoring profession. Students will examine the American Physical Therapy Association (APTA) Code of Ethics core professional values Jesuit Values and relevant legal standards to develop ethical reasoning skills applicable to clinical decision-making. Through case studies discussion and critical analysis learners will address topics such as informed consent professional boundaries cultural competence health disparities documentation integrity and the intersection of ethics with emerging contemporary issues. Emphasis is placed on developing a personal framework for ethical practice that supports advocacy patient-centered care and professional accountability across diverse healthcare settings.

Prerequisite(s): DPT 772.

DPT 774 Professional Issues/Case Management V (2.00 credit hours)

Fosters reflection on the development of professional roles related to the 3 Capstone pillars: Reflective Practitioner Doctoring Profession and Applying Knowledge. Enhances mentorship and teaching skills through EBP presentations of clinical case reports and educational sessions to peers and first year DPT students. Explores refinement of intraprofessional communication delegation skills in PT/PTA simulation.

Prerequisite(s): DPT 773.

Note(s): Laboratory included.

DPT 776 Introduction to Evidence Based Practice (3.00 credit hours)

Explores research methodologies used in health care research. Examines descriptive and inferential statistics and evidence-based practice principles. Addresses literature searches and evidenced-based analysis research reports with a focus on treatment effectiveness studies.

DPT 780E-W Topics in Physical Therapy I (1.00 credit hours)

Advances study in topics of interest related to physical therapy practice.

DPT 781E-W Topics in Physical Therapy II (1.00 credit hours)

Advances study in topics of interest related to physical therapy practice.

DPT 790 Evidence Based Practice I (2.00 credit hours)

Introduces clinical research and narrative review projects. Reviews ethical constraints and obligations of research. Introduces survey research methods and seeking research funding. Addresses critical analysis of research reports with a focus on diagnostic literature.

Prerequisite(s): DPT 776.

DPT 791 Evidence Based Practice II (1.00 credit hours)

Examines data and performs statistical analysis. Narrative review groups present results in publishable format. Clinical Research groups collect data submit Introduction/Methods in publication format and outlines anticipated Results/Table/Figures. Critically analyze the prognostic literature.

Prerequisite(s): DPT 790.

DPT 792 Evidence Based Practice III (2.00 credit hours)

Culmination of the Evidence Based Practice Series in which students compose final manuscripts and present scholarly works reflecting the integration of EBP.

Prerequisite(s): DPT 791.

DPT 796 Capstone (1.00 credit hours)

Focuses on the culmination of the students clinical and professional development based on the portfolio presentation. Clinical education reflections and curricular review are also included in the capstone.

DPT 799 NPTE Prep (0.00 credit hours)

This capstone course prepares Doctor of Physical Therapy students for the National Physical Therapy Examination (NPTE) through focused content review integrated clinical reasoning and applied practice examinations. Students synthesize knowledge across patient management domains by completing learning activities and analyzing their performance on practice exams aligned with NPTE expectations.

Note(s): Pass/No Pass grading only.

Residency in Orthopaedic Physical Therapy (ROPT)**DPT 801 Advanced Clinical Practice I (1.00 credit hours)**

Develop advanced clinical decision making in physical therapy practice applying critical inquiry understand models of health care delivery explore movement systems and clinical reasoning and review radiology in medical practice.

DPT 802 Advanced Clinical Practice II (1.00 credit hours)

Develop advanced practice including ethics practice management and contemporary healthcare leadership development clinical mentoring and teaching and learning concepts in advanced physical therapist practice.

DPT 811 Orthopaedic Specialty Practice I (3.00 credit hours)

Management of individuals with impairments related to the foot/ankle and the knee. Functional anatomy biomechanics pathophysiology medical management and movement systems study in these regions will be included using evidence-based clinical practice.

DPT 812 Orthopaedic Specialty Practice II (3.00 credit hours)

Management of individuals with impairments related to the hip lumbar spine pelvis and the thoracic spine. Functional anatomy biomechanics pathophysiology medical management and movement systems study in these regions will be included using evidence-based clinical practice.

DPT 813 Orthopaedic Specialty Practice III (4.00 credit hours)

Management of individuals with impairments in the cervical spine cranio-facial region shoulder girdle and the upper extremity including elbow wrist and hand. Functional anatomy biomechanics pathophysiology medical management and movement systems study in these regions will include evidence-based clinical practice and terminal capstone development and preparation for the specialty board examination.

DPT 906 Management of Cervicothoracic Disorders (3.00 credit hours)

Advanced management of impairments in the cervicothoracic region through the integration of manual therapy and exercise interventions. Management based upon advanced clinical decision making with evidence informed practice. Instruction in regional dry needling included.

DPT 910 Clinical Practicum (3.00 credit hours)

Final testing process to complete the Fellowship program. Live skill testing patient case simulation reflective examination evidence-based knowledge assessment and assessment of overall progression in the program including review of mentorship and reporting of clinical reflections. Pass/No Pass grading only.

DPT 911 FOMPT Fulfillment (0.00 credit hours)

Variable course registration only utilized to allow for student registration to attend missed in-person events such as weekend intensives. Registration only with prior approval to fulfill missed requirements overall in the FOMPT program. Not a required course for program completion unless special circumstance present as noted.

Fellowship in Orthopaedic Manual Physical Therapy (FMOPT)

DPT 900 Virtual Rounds I (1.00 credit hours)

Online mentoring in advanced clinical practice in orthopaedic manual clinical practice with a focus to advanced clinical decision making based upon active patient care. Faculty supported environment including professional issues and development of research presentations.

DPT 901 Virtual Rounds II (1.00 credit hours)

Online mentoring in advanced clinical practice in orthopaedic manual clinical practice with a focus to advanced clinical decision making based upon active patient care. Faculty supported environment including professional issues and development of research presentations.

DPT 902 Virtual Rounds III (1.00 credit hours)

Online mentoring in advanced clinical practice in orthopaedic manual clinical practice with a focus to advanced clinical decision making based upon active patient care. Faculty supported environment including professional issues and development of research presentations.

DPT 903 Management of Lower Extremity Disorders (3.00 credit hours)

Advanced management of impairments in the lower extremity through the integration of manual therapy and exercise intervention. Management based upon advanced clinical decision making with evidence informed practice. Instruction in regional dry needling included.

DPT 904 Management of Upper Extremity Disorders (3.00 credit hours)

Advanced management of impairments in the upper extremity through the integration of manual therapy and exercise interventions. Management is based upon advanced clinical decision making with evidence informed practice. Instruction in regional dry needling included.

DPT 905 Management of Lumbopelvic Disorders (3.00 credit hours)

Advanced management of impairments in the lumbo-pelvic region through the integration of manual therapy and exercise interventions. Management based upon advanced clinical decision making with evidence informed practice. Instruction in regional dry needling included.