NRSG 115. Nursing as a Profession. 2 Credits. (2 Lec) F,S
Su The purpose of this course is to initiate and foster the professional socialization process. Content and activities expose students to issues surrounding the profession of nursing, multiple roles of nursing in society and health care, and concepts related to the dimensions of nursing practice: nurse, client, health and environment.

NRSG 220. Foundations Ethnl Nrgng Recrtn. 2 Credits. (1 Lec, 1 Rct) F,S,Su, NS
Drawing on contemporary issues in bioethics this foundational course explores influential moral values, philosophical principles and theories as formal grounding for ethical decision making and action in health care. A broad historical, cultural and societal perspective is emphasized to provide the background for understanding the everyday ethical problems that health professionals encounter in their practices. A psychological and social framework of analysis is used to foster sensitivity, skills of analysis and ethical behavior in situations of moral conflict.

NRSG 225. Fndtns Prctc Clin Nrs Cr. 4 Credits. (2 Lec, 2 Lab) F,S,Su, PREREQUISITES: BIOH 201, BIOH 211, FCS 1011S, and BIOM 250.
COREQUISITES: NRSG 238 or consent of instructor. Application of nursing principles, concepts and related skills for care of the individual needing assistance. The clinical decision-making process is utilized in the provision of nursing care in clinical settings.

NRSG 238. Hlth Assessmnt Across Lfespn. 4 Credits. (2 Lec, 2 Lab) F,S,Su, PREREQUISITES: BIOH 201 and BIOH 211. COREQUISITE: NRSG 225 or consent of instructor. This course is designed to teach the student a health oriented approach to nursing assessment of clients across the life span in a variety of community based settings. The primary focus of the course is on normal health assessment findings, with recognition of abnormal variations. This course emphasizes development of the skills needed to perform a comprehensive health assessment of children, adults, and the elderly. Data collection through comprehensive history taking and physical assessment is emphasized. Utilizations of assessment findings in clinical decision making is discussed throughout the course.

NRSG 242. Complementary Healing. 2 Credits. (2 Lec) F,S
PREREQUISITE: Undergraduate nursing students or permission of the instructor. The purpose of this course is to explore the time honored medical models and treatments of Complementary and Alternative Medicine (CAM). Using quality of life as a foundation, students will explore the integration of these models into practice.

NRSG 258. Principles of Pathophysiology. 3 Credits. (3 Lec) F,S,Su, PREREQUISITES: BIOH 201, BIOH 211, CHMY 121IN, and CHMY 123. This course provides an introduction to the abnormal functioning of human cells, tissues, and organ systems, and the physiological adaptations that occur. Commonly encountered age-related variations are addressed. The influences of environment, genetics, nutrition, and culture are emphasized. Current research that explains the changes that accompany a particular syndrome or disease is considered.

NRSG 290R. Undergraduate Research. 1-6 Credits. (1-6 Ind; 6 cr max) On Demand may be repeated Directed undergraduate research/creative activity which may culminate in a written work or other creative project. Course will address responsible conduct of research.

NRSG 291. Special Topics. 1-4 Credits. (1-4 Lec; 12 cr max) On Demand PREREQUISITE: As determined for each offering. Courses not required in any curriculum for which there is a particular one-time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number.

NRSG 292. Independent Study. 1-3 Credits. (1-3 Ind; 6 cr max) On Demand Max 6 cr. PREREQUISITE: Consent of instructor and approval of department head. Directed research and study on an individual basis.

NRSG 294. Workshop/Seminar. 1-4 Credits. (1 Sem; 12 cr max) On Demand 1 - 4 cr. SEM Maximum 12 credits PREREQUISITE: As determined for each offering. Topics offered at the lower division level which are not covered in regular courses. Students participate in preparing and presenting discussion material.

NRSG 336. Nursing Pharmacotherapeutics. 3 Credits. (2 Lec, 1 Lab) F,S,Su, PREREQUISITES: CHMY 121, CHMY 123, NURT 221, NRSG 298, and NRSG 238. The focus of this course is to examine pharmacotherapeutics in nursing practice. Clinical application of pharmacological and pathophysiological principles are integrated. Physical, psychological, social and cultural factors; age related variations; and alternative therapies are highlighted.

NRSG 341. Psychosocial Nursing Concepts. 3 Credits. (2 Lec, 1 Lab) F,S,Su, PREREQUISITES: PSYX 100, SOCI 101, NRSG 115, NRSG 220, NRSG 225, NRSG 258 and NRSG 238. This course explores selected psychosocial concepts and theories basic to nursing practice with clients in a variety of settings. Topics include family theory, palliative care, crisis theory, anxiety, loss, grief & other human responses; and related psychosocial nursing strategies.

NRSG 346. Nurs Care of Childbearing Family. 5 Credits. (2 Lec, 3 Lab) F,S
PREREQUISITES: NRSG 341, NRSG 352 and NRSG 336. The focus of this course is the nursing care of childbearing women, neonates and their families in a variety of settings. Normal pregnancy and childbirth are addressed, as well as the identification and management of high risk childbearing situations. Selected health care of women content is included.

NRSG 348. Nursing Care of Child & Family. 5 Credits. (2 Lec, 3 Lab) F,S,Su, PREREQUISITES: NRSG 258, NRSG 336, NRSG 341, and NRSG 352. The focus of this course is health promotion, disease prevention, illness management and nursing care of children within the family context in a variety of settings. This course builds upon and integrates knowledge gained from nursing, sciences and the humanities.

NRSG 352. Acute and Chronic Illness. 5 Credits. (2 Lec, 3 Lab) F,S
PREREQUISITES: NRSG 225, NRSG 258 and NRSG 238. COREQUISITE: NRSG 336. The focus of this course is application of theoretical and empirical knowledge to nursing care for clients across the adult lifespan with acute and chronic illness in a variety of settings. Health promotion, disease prevention, and symptom management are emphasized. This course builds upon and integrates knowledge gained from nursing, sciences and the humanities.

NRSG 377. Intro to Community Based Nursng. 2 Credits. (2 Lec) F,S
The focus of this course is to introduce the student to community based nursing practice for individuals, families, populations and communities. There is an emphasis on health promotion, disease prevention and health determinants in a variety of settings.

NRSG 387R. Research in Health Care. 3 Credits. (2 Lec, 1 Lab) F,S
PREREQUISITE: STAT 216 or Consent of Instructor. Students are introduced to the research process and evidence-based practice. They develop knowledge, skills, and values necessary to be informed consumers of health related research. Students engage in research processes, examine research reports, and describe practice applications.

NRSG 418. Hlth Policy/Hlth Care Econ Cln. 2 Credits. (1 Lec, 1 Rct) F
Focus is on economics, public policy and political factors which affect the delivery of health and nursing care at the local, state, national and international levels. Students are encouraged to participate in efforts to influence health policy.

NRSG 434. Critical Care and Emergency Nursing. 3 Credits. (5 Lec) F,S
PREREQUISITES: NRSG 437, NRSG 444, and NRSG 454. The focus of this course is application of theoretical and empirical knowledge to nursing care for complex clients across the adult lifespan requiring emergency and critical care in a variety of settings. Advanced skills, critical thinking and decision making, safe practice and interdisciplinary collaboration are emphasized. College of Nursing.

NRSG 435. Spirituality in Healthcare. 2 Credits. (Ind) F,S
Focus is on economics, public policy and political factors which affect the delivery of health and nursing care at the local, state, national and international levels. Students are encouraged to participate in efforts to influence health policy.

NRSG 437. Psychiatric Nursing. 6 Credits. (3 Lec, 3 Lab) F
PREREQUISITES: PSYX 100 and NRSG 115 or consent of instructor. This elective course explores aspects of spirituality and the use of spiritually-based therapies in healthcare from various faith traditions. Spiritual assessment and spiritually-based strategies to promote health and wellness are emphasized. Although a multi disciplinary approach to spiritual care is presented, a nursing perspective is highlighted.

NRSG 439. Critical Care and Emergency Nursing. 3 Credits. (3 Lec) F,S
PREREQUISITE: NRSG 341 and NRSG 377 and NRSG 346 or NRSG 348 or NRSG 352. The focus of this course is nursing care of clients with acute and chronic psychiatric disorders, including psychopathology associated with major mental illness. Community based experiences provide opportunity for continued development of therapeutic skills. Social, cultural, spiritual and environmental issues influencing mental health are explored.

NRSG 444. Care Management. 3 Credits. (2 Lec, 1 Rct) F
PREREQUISITES: NRSG 352 and NRSG 387R. This course focuses on care management with application of ethical and legal concepts. The care management process is explored. Case management is examined as a method of managing health care.

NRSG 454. Urgent and Palliative Care. 6 Credits. (3 Lec, 3 Lab) F
PREREQUISITE: NRSG 352. The focus of this course is application of theoretical and empirical knowledge to nursing care for complex clients across the adult lifespan requiring urgent and palliative care in a variety of settings. Clinical decision making, triage and symptom management are emphasized. This course builds upon and integrates knowledge gained from nursing, sciences and the humanities.
NRSG 469. Cultural Apps in Nursing. 2-6 Credits. (1-5 Lab) F,S,Su
PREREQUISITE: Enrolled in the undergraduate nursing program. This elective course is designed as an intense but time-limited immersion into another culture and is focused on health benefits, health care, and nursing applications. The experience is preceded by analysis of cultural principles applicable to nursing and concluded by analysis of actual clinical participation with specific culture nurses and clients.

NRSG 477. Pop Based Nursing Care in Comm. 6 Credits. (3 Lec, 3 Lab) F,S,Su
PREREQUISITES: NRSG 437 and NRSG 454. The focus of this course is the health and well-being of the community. Global and national health problems are examined from a public health perspective. Community assessment and epidemiologic methods are used to identify populations at risk and potential areas for intervention.

NRSG 487. Nursing Ldrshp/Mgmt Dvlpmnt. 6 Credits. (3 Lec, 2 Lab) F,S
PREREQUISITES: NRSG 437, NRSG 444 and NRSG 454. Senior capstone course. The focus of this course is to provide an integration of theory and skill development in leadership, management and organizational concepts for the design, coordination, and management of health care using the community based philosophy.

NRSG 490R. Undergraduate Research. 1-6 Credits. (1 Ind; 12 cr max) On Demand
Max 12 cr. PREREQUISITE: Junior standing. Directed undergraduate research/ creative activity which may culminate in a research paper, journal article, or undergraduate thesis. Course will address responsible conduct of research. May be repeated.

NRSG 491. Special Topics. 1-4 Credits. (1-4 Lec; 12 cr max) On Demand
Max 12 cr. PREREQUISITE: Junior standing and as determined for each offering. Courses not required in any curriculum for which there is a particular one-time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number.

NRSG 492. Independent Study. 1-3 Credits. (1-3 Ind; 6 cr max) On Demand
Max 6 cr. PREREQUISITES: Junior standing, consent of instructor, and approval of department head. Directed research and study on an individual basis.

NRSG 494. Workshop/Seminar. 1-4 Credits. (1 Sem; 12 cr max) On Demand
Max 12 credits. PREREQUISITE: Junior standing and as determined for each offering. Topics offered at the upper division level which are not covered in regular courses. Students participate in preparing and presenting discussion material.

NRSG 498. Internship. 3 Credits. (3 Lab) Su
PREREQUISITE: Satisfactory completion of all 1st semester junior level clinical nursing courses. Placement subject to availability. This elective course is designed to increase competence and confidence in previously learned clinical skills. The student works with a registered nurse (RN) in a cooperating clinical agency for a period of intensified clinical experience.

NRSG 501. Tchg Concepts Nursing Educator. 2 Credits. (2 Lec) F
PREREQUISITE: Graduate Standing. Designed for students interested in nursing education (academic or practice environment). Emphasizes teaching strategies and delivery of nursing education for diverse learners in a variety of settings. Roles and responsibilities are explored. Includes history and evolution of teaching and learning.

NRSG 502. Effective Clinical Teaching. 2 Credits. (2 Lec) S
PREREQUISITE: Graduate Standing. Focuses on educator roles and responsibilities in teaching clinical nursing (academic or practice environments). Designed for students interested in developing clinical teaching skills. Major themes: development of learning activities, evaluation of student performance, concepts of student supervision, and agency coordination.

NRSG 503. Curriculum Development. 3 Credits. (3 Lec) Su, alternate years to be offered Su even years. PREREQUISITE: Graduate Standing. Theories and models of curriculum development are explored and designed for nurses teaching in either academic or practice environments. Variables associated with design and planning of educational interventions are explored. Students synthesize appropriate theoretical concepts to develop a model curriculum.

NRSG 504. Asmnt and Eval of Education. 3 Credits. (3 Lec) Su, alternate years to be offered Su odd years. PREREQUISITE: Graduate Standing. Students engage in discussions around design, assessment, and evaluation of instruction by nurses. Topics include writing instructional objectives and constructing activities to assess student learning outcomes. Students complete a project to gain skills in evaluating learning related to a specific unit of study.

NRSG 508. Clinical Leadership Practicum. 7 Credits. (5-333 Lab) F,S,Su
PREREQUISITE: NRSG 509, NRSG 604, NRSG 608, and NRSG 611. In collaboration with the faculty and clinical preceptor, students will design, manage, and evaluate care to improve health outcomes for a selected population. Designed to promote integration of coursework through immersion in the CNL role.

NRSG 509. Clinical Nurse Leader Lab I. 2 Credits. (1 Lec) F
PREREQUISITE: NRSG 604, NRSG 608 or consent of instructor. Students will engage in activities that promote development of CNL competencies. Strategies used to promote patient-centered care and interprofessional collaboration in selected settings will be examined.

NRSG 511. Pathophysiology and Pharmacology for the Clinical Nurse Leader. 3 Credits. (3 Lec) F
Designed for the advanced nurse generalist. Understanding of symptoms/patterns of pathophysiology experienced in populations requiring interventions and management within healthcare delivery systems. Health maintenance, preventive, acute, chronic, palliative, and end of life care will be considered.

NRSG 518. Pharm for Infant Child Adult. 1 Credit. (1 Lec) S
PREREQUISITE: NRSG 517 or consent of instructor. Addresses pharmacological intervention in managing common health care problems of childbearing families. Students will apply knowledge of medication management of commonly encountered pediatric and women’s health care concerns.

NRSG 519. Pharm for Middle Aged Adults. 1 Credit. (1 Lec) Su
PREREQUISITE: NRSG 517 or consent of instructor. Addresses pharmacological intervention in managing common health problems of middle age adults and their families. Students will apply knowledge of pharmacological management of commonly encountered health problems of middle aged adults.

NRSG 520. Pharm for Older Adults. 1 Credit. (1 Lec) F
PREREQUISITE: NRSG 517 or consent of instructor. Addresses pharmacological intervention in managing common health problems of elders and their families. Students will apply knowledge of pharmacological management of commonly encountered health problems for the aging population. Regulatory issues regarding prescriptive practice for APRNs are addressed.

NRSG 528. Family Mental Hlth Nurs IV. 6 Credits. (1 Lec, 3,333 Lab) F
PREREQUISITE: NRSG 527. Students will integrate the conceptual and theoretical foundations for working with individuals and families with mental health problems or psychiatric disorders. Interventions include health promotion, coordination and use of organizational or community resources, consultation, teaching/coaching, and application of nursing leadership skills.

NRSG 561. Primary Care I. 6 Credits. (3 Lec, 3 Lab) S
PREREQUISITE: NRSG 517, NRSG 521, NRSG 550 and NRSG 560.
COREQUISITE: NRSG 531 and NRSG 555. Focuses on comprehensive assessment, intervention and preventive care for childbearing and child rearing families in primary health care for the advanced practice nurse. Includes content on physiological, pathophysiological, psychological, developmental, sociocultural and spiritual care.

NRSG 562. Primary Care II. 6 Credits. (3 Lec, 3 Lab) S
PREREQUISITE: N 561. This course includes content on the physiological, pathophysiological, psychological, developmental, sociocultural and spiritual primary health care needs of middle age families. Addresses assessment, intervention and preventive care.

NRSG 563. Primary Care III. 6 Credits. (3 Lec, 3 Lab) F
PREREQUISITE: NRSG 562. Assessment, treatment and preventive care for aging families in primary health care settings. Physiological, pathophysiological, psychological, developmental, sociocultural and spiritual responses to acute and chronic conditions will be explored along with the advocacy role of the nurse practitioner.

NRSG 571. Clinical Preceptorship. 6 Credits. (4 Lab) S
PREREQUISITE: Final semester of course work. This practicum allows students to further refine family nurse practitioner skills in practice settings such as family health, pediatrics, women’s health or gerontology or a broad based general practice based on availability.

NRSG 574. Teaching Practicum. 1-4 Credits. (667-2.667 Lab; 4 cr max) F,S,Su
PREREQUISITE: NRSG 504 or consent of instructor. Teaching/learning principles are integrated into nursing education in academic or practice environments. Students practice, observe, and evaluate teaching/learning processes. The instructor and student negotiate laboratory activities.

NRSG 575. Professional Paper and Project. 1-4 Credits. (1 Ind; 6 cr max) F,S,Su
Max 6 cr. PREREQUISITE: Graduate standing. A research or professional paper or project dealing with a topic in the field. The topic must have been mutually agreed upon by the student and his or her major advisor and graduate committee.

NRSG 590. Master’s Thesis. 1-10 Credits. (1 Ind; max unlimited) F,S,Su
PREREQUISITE: Master’s standing. May be repeated.
NRSG 591. Special Topics. 1-4 Credits. (1-4 Lec; 12 cr max) On Demand
PREREQUISITE: Upper division courses and others as determined for each offering. Courses not required in any curriculum for which there is a particular one time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number.

NRSG 592. Independent Study. 1-3 Credits. (1 Ind; 6 cr max) On Demand 1 - 3 cr. IND Maximum 6 cr. PREREQUISITE: Graduate standing, consent of instructor, approval of department head and Dean of Graduate Studies. Directed research and study on an individual basis.

NRSG 594. Seminar. 1 Credit. (1 Sem; 4 cr max) PREREQUISITE: Graduate standing or seniors by petition. Course prerequisites as determined for each offering. Topics offered at the graduate level which are not covered in regular courses. Students participate in preparing and presenting discussion material.

NRSG 601. Advanced Health Assessment. 3 Credits. (2 Lec, .667 Lab) F
Advanced health assessment of individuals. Documenting and validating information, analyzing, synthesizing, and making clinical decisions about the client’s health status. Includes assessment of normal and abnormal physiologic and psychosocial processes relevant to gender and culture across the lifespan.

NRSG 602. Adv Physio/Pathophysiology. 4 Credits. (4 Lec) F
COREQUISITE: NRSG 601 Comprehensive examination of physiological functioning and common pathophysiologic alterations in humans. Builds on fundamentals of anatomy, physiology, and pathology examined from subcellular level through major body systems. Focus on etiology, pathogenesis, developmental and environmental influences and clinical manifestations of injury and disease.

NRSG 603. Advanced Pharmacology I. 2 Credits. (2 Lec) S
PREREQUISITE: NRSG 602 This course provides an understanding of the science of therapeutics and principles of pharmacokinetics and pharmacodynamics.

NRSG 604. Evidence Based Practice I. 4 Credits. (4 Lec) F
PREREQUISITE: NRSG 387R or equivalent and STAT 216Q or equivalent Focuses on the various methods and processes used to translate knowledge into evidence based practice. Students explore processes for acquiring, appraising, and using evidence to improve clinical outcomes.

NRSG 605. Evidence Based Practice II. 3 Credits. (3 Lec) S
PREREQUISITE: NRSG 604; NRSG 606 Focuses on the methods for evaluating and using information to inform practice. Students will become skilled using a variety of tools from research, biostatistics, epidemiology, and other data based disciplines to address clinical problems.

NRSG 606. Statistical Applications. 2 Credits. (2 Lec) F
PREREQUISITE: STAT 216Q or equivalent Builds on basic understanding of quantitative methods and resulting statistical analyses. Particular application to critique health sciences research. Students will gain facility in statistical techniques of correlation, regression, Chi square, t-test, analysis of variance, logistic regression and confidence limit estimation.

NRSG 607. Diagnostic Reasoning. 3 Credits. (2 Lec, .667 Lab) S
PREREQUISITE: NRSG 601; NRSG 602 This graduate nursing course promotes the development of the practitioners' comprehensive assessment proficiency, critical thinking and diagnostic reasoning. The practitioner will utilize a systematic approach for clinical decision making, diagnosis and documentation.

NRSG 608. Design H C Delivery Systems. 3 Credits. (3 Lec) S
PREREQUISITE: NRSG 604, EIND 458 for IE students or instructors permission Examines the role of nurses and industrial engineers in healthcare. Examines major methodologies for aging families in primary health care settings. Recognizing the holistic nature of individuals within families, this course will include content on the physiological, pathophysiological, psychological, developmental, sociocultural and spiritual primary health care needs of childbearing and childrearing families.

NRSG 622. Advanced Clinical II Primary Care for Midlife Families. 6 Credits. (3 Lec, 3 Lab) S
PREREQUISITE: NRSG 601, 602, 603, 604, 605 and 607. Focus on comprehensive assessment, intervention and preventative care for childbearing and childrearing families in primary health care. Includes content on physiological, pathophysiological, psychological, developmental, sociocultural and spiritual primary health care needs of childbearing and childrearing families.

NRSG 623. Advanced Clinical III Primary Care for Aging Families. 6 Credits. (3 Lec, 3 Lab) S
PREREQUISITE: NRSG 602. Focus on assessment, treatment and preventative care for aging families in primary health care settings. Physiological, pathophysiological, psychological, developmental, sociocultural and spiritual responses to acute and chronic conditions will be explored emphasizing the importance of advocacy.

NRSG 624. Advanced Clinical IV (NP, Family/Individual) Primary Care Clinical Preceptorship. 7 Credits. (1 Lec, 6 Lab) S
PREREQUISITE: NRSG 623. Advanced Clinical III In this graduate nursing practicum, students will further refine their role as a doctor of nursing practice demonstrating expertise, specialized knowledge, and expanded responsibility and accountability in the care and management of individuals and families. Students in the Family Nurse Practitioner (FNP) option participate in the selection of a practice setting such as family health, pediatrics, women's health, gerontology, a broad based primary care, or specialty practice. Students will incorporate a holistic perspective in the management of patients and engage in the formation of therapeutic partnerships in a clinical practice. College of Nursing.

NRSG 630. Adv Psychopharm II. 3 Credits. (2 Lec) S
NRSG 631. Advanced Clinical I – Psych/Mental Health. 6 Credits. (3 Lec, 3 Lab) Su
PREREQUISITE: NRSG 601, 602, 603, 604, 605, 607. The role and scope of advanced psychiatric nursing practice and foundational legal and ethical issues are explored. The neuroanatomy and neurophysiology of psychiatric disorders are reviewed. Conduct comprehensive and systematic psychiatric assessments in complex situations.

NRSG 632. Advanced Clinical II: Psychotherapeutic Modalities. 6 Credits. (3 Lec, 3 Lab) F
PREREQUISITES: NRSG 631, 631 Conceptual and theoretical foundations for psychotherapy, including selected therapeutic modalities for individuals, group psychotherapy, and the integration of multicultural skills for health promotion and management of mental health problems and psychiatric disorders are introduced and examined.

NRSG 633. Advanced Clinical III, Psych/Mental Health. 6 Credits. (3 Lec, 3 Lab) Su
PREREQUISITES: NRSG 632 In this course, students will explore the conceptual and theoretical foundations for providing psychotherapy with families and couples. Continuation of psychopharmacology concepts presented in Advanced Clinical I and II will be provided with an emphasis on expanded pharmacology concepts.

NRSG 674. DNP Scholarly Project Seminar. 2 Credits. (1 Lec, 1 Lab) F
PREREQUISITES: NRSG 601, 602, 604 COREQUISITES: NRSG 603 The DNP scholarly project exemplifies the discovery, application, and synthesis of advanced nursing knowledge to improve health outcomes for individuals, families, communities, or systems.

NRSG 675. Professional Paper and Project. 1-6 Credits. (1-6 Ind; 6 cr max) F,S,Su
PREREQUISITE: NRSG 674. Professional paper or project dealing with a topic in the field. The topic must have been mutually agreed upon by the student and his or her major advisor and graduate committee.