NURSING  NUR

College of Nursing

205 Introduction to Professional Nursing
Fall, Spring. 4(2-6) P: CEM 143 and PSY 101 RB: Not open to RN-BSN stu-
dents. R: Open to students in the Nursing Major. C: NUR 300 concurrently or NUR 301 concurrently.
Principles and practices of holistic nursing care that allow for analysis of a comprehensive collection of
patient data to provide basic clinical care to the adult population.

220 Introduction to Nursing Scholarship
Fall, Spring. 2(2-0) RB: Open to other ma-
jors with College approval. R: Open to stu-
dents in the Prenursing major or in the Nurs-
ing major.
Prepares students to become consumers of re-
search who critically evaluate and base their nursing
care on evidence. Research methodologies essen-
tial to providing evidence-based nursing care.

300 Pathophysiology
Fall, Spring. 4(0-4) P: ANTR 350 and (PSL 310 or PSL 250) RB: Preprofes-
sional students entering patient care disci-
plines. SA: NUR 341
How disrupting normal structures and functions of
the human body leads to disease processes from
the cellular to the multi-system level. Critical exami-
nation of the mechanisms underlying signs and
symptoms.

301 Clinical Pathophysiology
Fall, Spring. 3(3-0) P: (IPS 250 or PSL 310) or (PSL 431 and PSL 432) and
ANTR 350
How disrupting normal structures and functions of
the human body leads to disease processes from
the cellular to the multisystem level. Critical exami-
nation of the mechanisms underlying signs and
symptoms of diseases.

322 Nursing Care of Acute and Chronically Ill
Patients I
Fall, Spring. 4(2-6) P: NUR 301 or
NUR 300 C: NUR 205 concurrently
and PHM 350 concurrently.
Focuses on using the nursing process and clinical
judgment at a beginning level to provide care for
acute and chronically ill patients.

324 Health Promotion and Disease and Injury
Prevention
Fall, Spring. 3(2-3) P: HDFS 225
and HNF 280 C: NUR 205 concurrently
and NUR 322 concurrently.
Principles and practices of health education, health
promotion/behavior change, and health literacy
through understanding epidemiology, determinants
of health, and protective and predictive factors of
health and well-being.

325 Transitions to BSN Practice
Fall, Spring. 2(2-0) P: NUR 300 or NUR 301 R: Open to students in the Nursing Major.
Application of curricular concepts to nursing prac-
tice, role differentiation and contribution of BSN
nurse to healthcare.

330 Health Assessment and Nursing
Therapeutics
Fall, Spring. 7(3-10) P: NUR 300 R: Open to students in the Nursing Major. C:
PHM 350 concurrently and NUR 340 concurrent-
ly.
Normal physiology and pathophysiology. Theories of
growth and development across the life span. Ther-
apeutic communication and physical, psychosocial,
cultural and spiritual assessment techniques and mastering of basic nursing therapeutics. Understand-
ing the significance of abnormal physiological health
transitions of the adult.

332 Nursing Care of Acute and Chronically Ill
Patients II
Fall, Spring. 5(2-9) P: (NUR 322 and
NUR 324) and (MMG 201 or MMG 301) C: NUR 334 concurrently and NUR 371 concurrent-
ly.
Focuses on using the nursing process and clinical
judgment at an intermediate level to manage care
for acute and chronically ill patients.

334 Health Promotion and Disease and Injury
Prevention
Fall, Spring. 3(2-3) P: NUR 322 and
NUR 324 C: NUR 332 concurrently and NUR 371 concurrently.
Principles and practices of health promotion, risk
reduction, and injury prevention to provide nursing
care for individuals, families, and communities
across the lifespan.

336 Health Promotion for the BSN
Spring, Summer. 4(4-0) RB: Registered
Nurse admitted to the RN-BSN program. R:
Open to students in the Nursing Major.
Health promotion and risk reduction for individuals
across the lifespan in the context of their families and
environments including those from diverse and
vulnerable populations.

340 Foundations of Nursing Practice
Fall, Spring. 4(4-0) P: (NUR 300 or
(NUR 325 or concurrently)) and comple-
tion of Tier I writing requirement
Theories and principles underlying professional
nursing practice. Development of basic principles for
using empirical evidence and the research process
to guide practice.

355 Integrative Seminar I
Spring, Summer. 2(2-0) P: NUR 325
and NUR 340 RB: Registered Nurse admitted to the RN-BSN program. R: Open to students in the Nursing Major.
Critical appraisal of literature related to health pro-
motion and risk reduction in preparation for an evi-
dence based practice project.

360 Acute Nursing Care of Adults and Older
Adults
Fall, Spring. 8(4-12) P: NUR 330 and
NUR 340 C: NUR 370 concurrently.
Integration of concepts and theories into beginning
level Nursing practice. Examination of dynamic
interrelationship between professional, scholarly
nursing practice, and the health and wellness of
diverse persons and populations across the life
span.

370 Mental Health and Psychiatric Nursing
Fall, Spring. 4(2-6) P: NUR 330 and
NUR 340 C: NUR 360 concurrently.
Extension of foundational social science concepts
into nursing therapeutics aimed at mental health and
the care of persons with mental illnesses. Medica-
tion and non-medication interventions, group inter-
ventions, and therapeutic environments.

371 Behavioral Health Nursing
Fall, Spring. 4(2-6) P: NUR 322 and NUR
324 C: NUR 332 concurrently and NUR
334 concurrently.
Extension of foundational social science concepts
into nursing therapeutics aimed at behavioral health
and the care of persons with mental illnesses.

375 Research and Evidence-Based Practice
Fall, Spring. Summer. 2(2-0) P: (STT 200 or
STT 201) and completion of Tier I writing
requirement C: NUR 205 concurrently and NUR 322 concurrently and NUR 324 con-
currently.
Introduction to basic research methodology and how
it informs evidence-based nursing practice.

422 Nursing in London
Summer. 5(5-0) R: Approval of college; ap-
plication required.
Historical evolution of nursing in the National Health
Service: British nursing education, hospital and
community health nursing, standards of care, re-
search, and management. Influence of professional
nursing upon British national health policies.

424 History of Nursing in the United States
On Demand. 2(2-0)
Development of professional nursing education and
practice from its inception in the United States.
Reading historical documents and identifying specif-
ic concepts relative to nursing history. Historical
research as a valid means of scholarly inquiry.

426 Theoretical Basis for Critical Care
Fall, Spring. Summer. 2(2-0) P: NUR 360 R:
Open to seniors in the College of Nursing.
Nursing care of clients in critical care, requiring
synthesis of pathophysiologic, pharmacologic, and
therapeutic concepts. Family theory, stress-
adaptation, psychosocial concepts and legal and
ethical issues.

435 Nursing Care of the Childbearing Family
Fall, Spring. 4(2-6) P: NUR 360 and NUR
370 C: NUR 440 concurrently.
Health promotion and risk assessment of individuals
and families during pregnancy and birth. Therapeu-
tic communication and assessment skills for provid-
ing holistic care to culturally diverse childbearing
families during the prenatal, intrapartum, and post-
partum periods. Caring for mother and baby in utero
and after birth.

436 Nursing Care of Children and Their
Families
Fall, Spring. 2(1-3) P: NUR 332 and NUR
334 and NUR 371 and NUR 375 C: NUR
437 concurrently.
Theoretical concepts and clinical application of
nursing care for ill children and adolescents using a
holistic perspective in varied settings.

437 Nursing Care of the Childbearing Family
Fall, Spring. 2(1-3) P: NUR 332 and NUR
334 and NUR 371 and NUR 375 C: NUR
436 concurrently and NUR 445 concurrent-
ly.
Theoretical concepts and clinical application of
nursing care for the normal and at risk childbearing
families using a holistic perspective in varied set-
tings.
440  Nursing Care of Children, Adolescents and Their Families
Fall, Spring. 4(2-6) P: NUR 360 and NUR 370 C: NUR 435 concurrently.
Theoretical concepts and clinical application of nursing care of infants, children, and adolescents in varied health care and community settings. Synthesis of pathophysiological, pharmacologic, and therapeutic concepts. Family-centered care of children within developmental, cultural, ethnic, religious, and social structures.

441  Future of Nursing: Graduate Education
Fall, Spring. 2(2-0) P: NUR 450 or concurrently R: Open to students in the Nursing major.
Options for graduate education in nursing. Students will develop post-BSN professional goals. Identify potential clinical focus and population of interest for research/scholarship/practice. Completion of an application to the graduate program of their choice.

445  Nursing Care of Acute and Critically Ill Patients
Fall, Spring. 6(3-9) P: NUR 332 and NUR 334 and NUR 371 and NUR 375 C: NUR 436 concurrently and NUR 437 concurrently.
Focuses on using the nursing process and clinical judgment at an advanced level to manage and evaluate care for acute and critically ill patients.

450  Integrative Seminar
Fall, Spring. 2(4-0) C: NUR 435 concurrently or NUR 440 concurrently.
Integration of concepts and theories into intermediate-level nursing practice. Dynamic interrelationship between professional, evidence-based practice, and health and wellness throughout the lifespan.

451  Honors Research Internship
On Demand. 2 to 3 credits. P: NUR 220 RB: Students must provide a copy of Human Subjects and HIPAA approval to supervising faculty member. R: Open to students in the Nursing major or the Prenursing major.
Immersion in the research process in the College of Nursing working directly with a nurse researcher in the context of a funded/non-funded research team.

455  Integrative Seminar II
Fall, Summer. 2(2-0) P: NUR 336 and NUR 355 RB: Registered Nurse admitted to the RN-BSN program. R: Open to students in the Nursing Major. Not open to students with credit in NUR 450. C: NUR 465 concurrently.
Integration of professional and scholarly nursing practice culminating in an evidence based practice project.

460  Leadership in Clinical Practice
Fall, Spring. Summer. 5(2-9) P: (NUR 445 and NUR 436 and NUR 437) and completion of Tier I writing requirement C: NUR 475 concurrently.
A capstone course that includes a preceptor practicum to facilitate the student’s transition to professional practice. The focus is on the application of leadership concepts, theories, and principles.

465  Leadership Immersion
Fall, Summer. 4(3-1) P: NUR 355 and NUR 336 RB: Registered Nurse admitted to the RN-BSN program. R: Open to students in the Nursing Major. Not open to students with credit in NUR 480. C: NUR 455 concurrently.
Integration and application of theories, principles and practices of nursing leadership and management into contemporary practice settings.

470  Community and Population Health Nursing
Fall, Spring. Summer. 4(2-6) P: NUR 435 or (NUR 455 and NUR 465)
Theoretical and practical basis for community-oriented population nursing practice. Promoting and protecting the health of the public using health promotion, risk reduction, and disease management and control strategies with vulnerable persons and populations. Community assessment, epidemiologic, environmental, change, political action, and case-management frameworks are used to guide evidence-based nursing care delivery to persons, families, and populations in community settings.

471  Public Health Nursing
Fall, Spring. Summer. 3(2-3) P: NUR 445 and NUR 436 and NUR 437 C: NUR 475 concurrently.
Use of the public health system to care for populations, including application of the principles and practices of public health nursing.

475  Ethical Practice
Fall, Spring. Summer. 2(2-0) C: NUR 460 concurrently.
Ethical theory, reasoning, and decision-making with application to clinical practice both as ethical components in clinical relationships and resolution of situations of ethical uncertainty and conflicts.

480  Role Transition Seminar
Fall, Spring. Summer. 3(6-0) P: (NUR 435 and NUR 440 and NUR 450) and completion of Tier I writing requirement C: NUR 460 concurrently or NUR 470 concurrently.
Advanced-level evidence-based practice for transition to entry-level nursing. Ethical decision and policy-making at the organization level.

481  Scholarship for Nursing Practice (W)
Fall, Spring. Summer. 2(2-0) P: (NUR 445 and NUR 440 and NUR 437) and completion of Tier I writing requirement C: NUR 475 concurrently.
Examines the dynamic interrelationship among professional scholarly nursing practice, the health and wellness of diverse populations and high quality safe health care organizations.

485  Integrative Seminar III
Fall, Spring. 2(2-0) P: NUR 445 and NUR 465 RB: Registered Nurse admitted to the RN-BSN program. R: Open to students in the Nursing Major. Not open to students with credit in NUR 480. C: NUR 470 concurrently.
Examination of the influence and responsibility of professional nursing to society

490  Independent Study in Nursing
On Demand. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Approval of college.
Individualized area of study in Nursing.

491  Special Topics
On Demand. 2 to 4 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Approval of college.
Exploration of selected issues in nursing.

802  Theoretical Foundations and Role Development for the Advanced Practice Nurse
Fall. 3(3-0) R: Open to graduate students in the College of Nursing. Not open to students with credit in NUR 801 or NUR 803.
Integration of theories from nursing and related disciplines to provide a foundation for the graduate student to transition into the advanced practice role.

804  Statistics for the Healthcare Professional
Fall, Spring. 3(3-0) R: Open to graduate students.
Basic understanding of descriptive statistics, probability, linear regression and epidemiological concepts.

805  Pathophysiology for Advanced Practice Nursing
Fall. 3(3-0) R: Open only to masters students in the College of Nursing or approval of college. SA: NUR 511
Altered states of normal conditions. Pathophysiology of frequently encountered primary care conditions across the life span and special populations. In-depth case analysis of risk factors, pathophysiological changes, and associated clusters of signs and symptoms. Pathophysiological theories and research as a basis for advanced practice nursing.

806  Research for Advanced Practice Nurses
Fall. 3(3-0) R: Open to graduate students in the College of Nursing.
Prepares advanced practice nurses to be proficient in the ethical and clinical application of research including problem identification and critically evaluate the evidence to provide high quality care and improve practice.

807  Clinical Decision Making
Spring. 3(1-6) P: NUR 805 and (NUR 620 or NUR 635 or NUR 860) R: Open to masters students in the College of Nursing.
Clinical decision making in advanced practice nursing. Decision theory and related concepts. Application of critical thinking and clinical judgment to differential diagnoses of common primary care conditions.

809  Applied Pharmacology for Advanced Practice Nursing
Spring, Summer. 3(3-0) P: NUR 805
Clinical application of advanced pharmacology and pharmacoapeutics for common disease conditions. Principles of altered pharmacodynamics relative to age, race, and ethnic groups. Cost and benefit aspects of pharmacological interventions.

814  Health Care Policy and Politics
Spring. 3(3-0) P: NUR 802 R: Open to graduate students in the College of Nursing. Not open to students with credit in NUR 841. Nursing and public policy formation in relation to healthcare systems organization, financing, regulation, ethics, and delivery of services within a global society.
Nursing—NUR

868 Topics in Nursing Education
Fall. 3(3-0) RB: Open only to master's students in the Clinical Nurse Specialist-Nurse Education concentration. R: Open to graduate students in the Master of Science in Nursing. Integration of concepts of teaching, learning, evaluation, and assessment applicable to nursing education within a variety of settings.

874 Clinical Practicum I
Spring. 3(0-15) P: NUR 886 RB: Open only to students in the Nurse Anesthesia concentration. R: Open to graduate students in the Master of Science in Nursing. Individualized faculty-guided instruction in the management of patients receiving anesthesia, emphasizing safety, monitoring modalities, and simulated patient experiences. Experiences include introduction to the role of the nurse anesthetist and development of basic nurse anesthesia skills.

877 Anesthesia Physiology and Pathophysiology
Spring. 3(0-3) R: Approval of college. Physiological principles and pathophysiological relationships of body systems. Evaluation of coexisting pathophysiology.

878 Advanced Physiology and Pathophysiology
Summer. 3(3-0) P: NUR 877 Homeostatic mechanisms in relation to anesthetic case management.

879 Chemistry and Physics of Anesthesia
Spring. 3(3-0) R: Approval of college. Basic chemistry and physics and their relationship to nurse anesthesia practice. Organic and biochemical principles, and pharmacological significance. Integration and application of these principles to nurse anesthesia practice.

880 Health Assessment for Nurse Anesthesia
Summer. 3(3-6) P: NUR 877 Advanced systematic focus on the health assessment of patients preparing for anesthesia, and integration of the anesthesia management plans.

881 Perioperative Technology and Instrumentation

882 Principles of Anesthesia I
Summer. 3(3-0) P: NUR 879 Art and science of nurse anesthesia and basic principles of anesthesia practice. History of anesthesia administration. Use and care of anesthesia related equipment.

883 Principles of Anesthesia II
Fall. 3(3-0) P: NUR 882 Advanced anesthesia care principles. Procedures and complications in the anesthetic management of the emergency and trauma patient. Considerations for specialty surgical areas.

884 Principles of Anesthesia III
Spring. 3(3-0) P: NUR 883 Foundations for the clinical practice of anesthesia. Integrating physiologic patient parameters, didactic knowledge, and technical skills in simulated and clinical environments.

885 Anesthesia Practicum I
Summer. 1(0-3) P: NUR 879 Design and management of the operating room. Principles and techniques of sterility, intravenous and arterial cannulation, and course of anesthesia. Basic drugs and monitors, anesthesia management plan, documentation, and ethical considerations in anesthesia practice.

886 Anesthesia Practicum II
Fall. 2(0-6) P: NUR 885 Integration of knowledge, skills and program objectives to a broader array of patients in simulated and clinical patient environments.

887 Pharmacology for Anesthesia Practice I
Fall. 3(3-0) P: NUR 877 Pharmacology and its applications to clinical anesthesia practice.

888 Pharmacology for Anesthesia Practice II
Spring. 3(3-0) P: NUR 887 Pharmacologic principles of drug pharmacokinetics and pharmacodynamics. Factors modifying anesthetic management of patients.

890 Special Problems
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 24 credits in all enrollments for this course. R: Open only to masters students in the College of Nursing or approval of college. SA: NUR 590 Individual or group in-depth study of specific areas in nursing. Independent study.

890B Special Problems
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 24 credits in all enrollments for this course. R: Approval of college. Individual or group in-depth study of specific areas in nursing. Independent study.

891 Selected Topics
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open only to masters students in the College of Nursing or approval of college. SA: NUR 591 Selected issues, trends, programs, or theories in nursing.

892 Clinical Practicum II
Spring. 7(0-35) P: NUR 874 and NUR 884 RB: Open only to students in the Nurse Anesthesia concentration. R: Open to graduate students in the Master of Science in Nursing. Individualized faculty-guided instruction in the management of patients receiving anesthesia, emphasizing safety, monitoring modalities, and simulated patient experiences. Experiences include the roles of the nurse anesthetist on the anesthesia care team and development of basic nurse anesthesia skills.

893 Clinical Practicum III
Fall. 7(0-35) P: NUR 892 RB: Open only to students in the Nurse Anesthesia concentration. R: Open to graduate students in the Master of Science in Nursing. Clinical application of principles of nurse anesthesia. Students will be precepted in the perioperative clinical site. Experiences include development of advanced skills specific to the role of the nurse anesthetist.

894 Clinical Practicum IV
Spring. 7(0-35) P: NUR 893 RB: Open only to students in the Nurse Anesthesia concentration. R: Open to graduate students in the Master of Science in Nursing. Clinical application of principles of nurse anesthesia. Students will be precepted in the perioperative clinical site. Experiences include application of advanced skills specific to the role of the nurse anesthetist. The final clinical experience demonstrated substantial progress toward self direction and independent practice.

895 Clinical Seminar I
Summer. 2(2-0) P: NUR 886 Anesthesia management plans and outcomes. Evaluation of research and other literature pertinent to the safe practice of anesthesia.

896 Clinical Seminar II
Fall. 2(2-0) P: NUR 885 Review of research literature relevant to the safe practice of anesthesia. Presentation of case studies as related to pathophysiological states and safe anesthesia delivery.

897 Clinical Seminar III
Spring. 2(2-0) P: NUR 896 Review of research literature and clinical projects relevant to the safe practice of anesthesia. Presentation of scholarly project.

899 Master’s Thesis Research
Fall, Spring. 1 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: NUR 811 R: Open only to masters students in the College of Nursing. Approval of college. Master’s thesis research.

901 Knowledge Development in Nursing
Fall, Spring. 1 to 6 credits. Development and growth of substantive knowledge within nursing. Middle range theories. Strategies for concept development and theory testing in nursing research for understanding health status and health outcomes for individuals, families and community-based primary care.

910 Health Status Outcomes: The Individual and Family
Spring. 3(3-0) R: Open to doctoral students or approval of college. Measurement and conceptual underpinnings of health status outcomes for individuals and families across the life span. Focus on well-being in health and illness within the health care system.

911 Health Status Outcomes: Community/Primary Care
Fall. 3(3-0) R: Open to all doctoral students or approval of college. Measurement of health status outcomes for populations across the life span within the community based primary care systems. Measurement and evaluation issues related to the costs of intervention to impact outcomes.

920 Translation of Research and Scientific Knowledge to a Community Setting
Spring. 3(3-0) R: Open to doctoral students in the Nursing major or approval of college. Systematic approach to translating evidenced based knowledge to inform nursing clinical practice, policy and delivery system change. Translation strategies to enhance public health status and health outcomes.
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