<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 2610</td>
<td>Contemporary Nursing 3 s.h.</td>
<td></td>
<td>Concepts related to professional nursing practice including nursing as a developing profession; educational perspectives and patterns; legal and ethical accountability; economic and political aspects; health care delivery systems; and nursing management and leadership roles. Open to nursing and non-nursing majors.</td>
</tr>
<tr>
<td>NURS 2643</td>
<td>Health Assessment 4 s.h.</td>
<td></td>
<td>Development of communication and assessment skills for obtaining health data from various age groups, as well as reporting and recording findings. Three hours lecture, three hours clinical experience in a variety of settings per week.</td>
</tr>
<tr>
<td>NURS 2643L</td>
<td>Health Assessment Laboratory 0 s.h.</td>
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<tr>
<td>NURS 2645</td>
<td>Professional Nursing 1 8 s.h.</td>
<td></td>
<td>Applications of the nursing process for the care of clients with emphasis on health assessment, health promotion, and psychosocial and psychomotor skills. Three hours lecture, 15 hours clinical experience in a variety of settings per week. Prereq.: NURS 2643, NURS 2610, NURS 2646 and BIOL 1560, BIOL 1560L.</td>
</tr>
<tr>
<td>NURS 2645L</td>
<td>Professional Nursing 1 Laboratory 0 s.h.</td>
<td></td>
<td>Professional Nursing 1 Laboratory.</td>
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<tr>
<td>NURS 2646</td>
<td>Pathophysiology 4 s.h.</td>
<td></td>
<td>Concepts related to pathophysiologic mechanisms of illness. Emphasis on application to nursing using the nursing process. Prereq.: BIOL 1552, BIOL 1552L and CHEM 1506, CHEM 1506L.</td>
</tr>
<tr>
<td>NURS 2650</td>
<td>Pharmacology 3 s.h.</td>
<td></td>
<td>Concepts of pharmacology applies to major drug classes. Emphasis on application of nursing process to drug therapy across the lifespan. Prereq.: NURS 2646.</td>
</tr>
<tr>
<td>NURS 3710</td>
<td>Nursing in the Community 5 s.h.</td>
<td></td>
<td>Nursing in the community including families in health and illness needs. Prereq.: NURS 2645, BSN Entry-level Program.</td>
</tr>
<tr>
<td>NURS 3710L</td>
<td>Nursing in the Community Laboratory 0 s.h.</td>
<td></td>
<td>Nursing in the Community Laboratory.</td>
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<tr>
<td>NURS 3720</td>
<td>Professional Nursing 3 s.h.</td>
<td></td>
<td>Concepts related to professional nursing practice for graduates of ADN and diploma programs. Prereq.: Valid RN Licensure.</td>
</tr>
<tr>
<td>NURS 3725</td>
<td>Nursing Informatics 3 s.h.</td>
<td></td>
<td>This course explores nursing and health care informatics and its application to nursing practice and nursing education. Includes technological strategies to access, evaluate and document information and apply skills to patient care in the nursing profession. Development of computer skills to be successful in the online teaching format are included. Valid RN license. Prereq.: admission to online RN-BSN completion program.</td>
</tr>
<tr>
<td>NURS 3730</td>
<td>Culture in Nursing 3 s.h.</td>
<td></td>
<td>Culture in Nursing: Students will develop cultural awareness, assessment, communication and intervention techniques for various Cultures. The application of Culture to the practice of Nursing will be emphasized. Prereq.: Valid RN Licensure.</td>
</tr>
<tr>
<td>NURS 3731</td>
<td>Child Bearing, Family, and Women's Health Nursing 5 s.h.</td>
<td></td>
<td>Family-centered. Prereq.: NURS 3741, BSN Entry-level.</td>
</tr>
<tr>
<td>NURS 3731L</td>
<td>Child Bearing, Family, and Women's Health Nursing Laboratory 0 s.h.</td>
<td></td>
<td>Child Bearing, Family, and Women's Health Nursing Laboratory.</td>
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<tr>
<td>NURS 3735</td>
<td>Health Promotion Across the Lifespan 3 s.h.</td>
<td></td>
<td>This course provides the student with a theoretical foundation for wellness, health promotion and disease prevention across the lifespan. The role of the nurse as a health educator and patient advocate for health care and maintenance of health for patients of various ages, their families and groups will be explored. Students will develop a plan of care to ensure healthy lifestyles and promotion of wellness. Three class hours and no clinical hours/week. Prereq.: Valid RN Licensure.</td>
</tr>
<tr>
<td>NURS 3741</td>
<td>Professional Nursing 2 6 s.h.</td>
<td></td>
<td>Principles and practices of health promotion and rehabilitation of clients with acute and chronic health needs. Three hours lecture, nine hours clinical experience in a variety of settings per week. Prereq.: NURS 2645, BSN Generic Program.</td>
</tr>
<tr>
<td>NURS 3741L</td>
<td>Professional Nursing 2 Laboratory 0 s.h.</td>
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<td>Professional Nursing 2 Laboratory.</td>
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<tr>
<td>NURS 3743</td>
<td>Professional Nursing 3 5 s.h.</td>
<td></td>
<td>Advanced principles and practices of health promotion and rehabilitation of patients with acute and chronic health needs. Three hours lecture, six hours clinical experience in a variety of settings per week. Prereq.: NURS 3741, BSN Generic Program.</td>
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<tr>
<td>NURS 3743L</td>
<td>Professional Nursing 3 Laboratory 0 s.h.</td>
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<td>Professional Nursing 3 Laboratory.</td>
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<tr>
<td>NURS 3746</td>
<td>Geriatric Health 2 s.h.</td>
<td></td>
<td>An examination of the aging person's physical changes with implications for determining healthcare needs and for interpreting the impact of these upon the elder's life and current health practices. Prereq.: Junior status.</td>
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<tr>
<td>NURS 3747</td>
<td>Individual Studies 1-3 s.h.</td>
<td></td>
<td>The study of special problems or a review of the literature relating to specific problems or issues. May be repeated for a maximum of 6 s.h. with different problems. Prereq.: Admission to program or permission of department chairperson.</td>
</tr>
<tr>
<td>NURS 3749</td>
<td>Nursing Research 3 s.h.</td>
<td></td>
<td>Process of research using reasoning and scientific rigor in critical analysis of nursing research. Prereq.: STAT 2625, BSN Generic Program.</td>
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<tr>
<td>NURS 3750</td>
<td>Evidence Based Practice 3 s.h.</td>
<td></td>
<td>Process of evidence based practice using research, reasoning and scientific rigor in critical analysis of nursing research. Prereq.: STAT 2625, RN-BSN Online Program.</td>
</tr>
<tr>
<td>NURS 4804</td>
<td>Health Assessment for RNs 3 s.h.</td>
<td></td>
<td>Increase clinical knowledge and skills in health assessment of clients of various age groups, and the reporting and recording of findings. Prereq.: admission to online RN-BSN completion program.</td>
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<tr>
<td>NURS 4832</td>
<td>Nursing Care of Children and Families 5 s.h.</td>
<td></td>
<td>Family-centered nursing concentrating on health promotion/illness and prevention and acute/chronic health care needs of the developing child and family. Three hours lecture and six hours clinical experience in a variety of settings per week. Prereq.: NURS 3743, BSN Generic Program.</td>
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<tr>
<td>NURS 4840</td>
<td>Complex Care 5 s.h.</td>
<td></td>
<td>High acuity, restorative, and health promoting care of clients with complex health problems. Three hours lecture, six hours clinical experience in a variety of settings per week. Prereq.: NURS 3743, BSN Generic Program.</td>
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<tr>
<td>NURS 4840L</td>
<td>Complex Care Laboratory 0 s.h.</td>
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<td>Complex Care Laboratory.</td>
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NURS 4842  Mental Health Nursing  5 s.h.
Mental health theories and strategies as the foundation in the management of individuals, families, and groups experiencing acute and chronic mental illness. Emphasis on the promotion of optimal level functioning and mental wellness. Three hours lecture, six hours clinical experience in a variety of settings per week.
Prereq.: NURS 3743, BSN Generic Program.

NURS 4842L  Mental Health Nursing Laboratory  0 s.h.
Mental Health Nursing Laboratory.

NURS 4844  Community Health Nursing  3 s.h.
Synthesis of nursing and public health sciences with emphasis on promotion and maintenance of healthy communities through the assessment and analysis of at-risk population groups. Includes nursing role in healthcare policy.
Prereq.: NURS 3743, BSN Generic Program.

NURS 4846  Community Health Nursing for RNs  3 s.h.
A synthesis of nursing and public health sciences emphasizing health of communities through assessment analysis of at-risk population groups. Includes nursing role in healthcare policy.
Prereq.: Valid RN license.

NURS 4852  Senior Capstone Seminar  1 s.h.
Provides students with opportunities to integrate and synthesize nursing knowledge through research, writing, and presentations on current topics and issues.
Prereq.: Last semester in program, BSN Generic Program.
Gen Ed: Capstone.

NURS 4853  Nursing Transitions  4 s.h.
Analysis, synthesis, and evaluation of care delivered by the healthcare team with emphasis on development of leadership and research roles. Two hours lecture and eight hours clinical experience in a variety of settings per week.
Prereq.: NURS 4840 or concurrent, BSN Generic Program.

NURS 4853L  Nursing Transitions Laboratory  0 s.h.
Nursing Transitions Laboratory.

NURS 4854  Nursing Leadership  4 s.h.
Analysis, synthesis, and evaluation of care delivered by the healthcare team with emphasis on development of leadership and research roles for the registered nurse. Total experiential learning 40 hours.
Prereq.: Valid RN License.

NURS 4854L  Nursing Leadership Laboratory  0 s.h.
Nursing Leadership Laboratory.

NURS 4855  Comprehensive Nursing Summary  2 s.h.
Identifies individual strengths and weaknesses with emphasis on improving students' understanding and demonstration of essential nursing knowledge. Must be taken concurrently with NURS 4853 and NURS 4852.
Prereq.: Senior standing in nursing.

NURS 6900  Professional Issues in Nursing  3 s.h.
Exploration of nursing issues including changing roles and scope of practice and discipline concerns, with emphasis of interdisciplinary collaboration and social, cultural, political, economic, legal, regulatory, and ethical practice considerations.

NURS 6901  Nursing Science and Research  1 3 s.h.
Analysis of health-related evidence for practice. Exploration of the significance of theory, research, and research methods and strategies for translating evidence into practice.
Prereq.: Nursing graduate status.

NURS 6902  Advanced Pathophysiology  3 s.h.
Normal physiologic functions and pathologic mechanisms are examined to prepare nurses for advanced practice roles.

NURS 6903  Advanced Pharmacology  3 s.h.
Application of pharmacological concepts in clinical settings with examination of major categories of pharmacological agents.
Prereq.: NURS 6902.

NURS 6904  Advanced Health Assessment  3 s.h.
Development of advanced clinical knowledge and skills needed for comprehensive health assessment across the life span. Emphasis on health history, physical, cultural, developmental and nutritional assessments with differential diagnosis of common health problems.
Prereq.: NURS 6902 (or concurrent).

NURS 6905  Advanced Health Assessment Practicum  5 s.h.
Application of advanced nursing knowledge and skills from NURS 6904 focusing on the assessment of adult and geriatric populations. To be taken concurrently with NURS 6904.
Prereq.: NURS 6902 and NURS 6908.

NURS 6906  Advanced Statistics  3 s.h.
Advanced inferential and multivariate statistical techniques used in nursing and other health professions, with emphasis on PASW computer analysis for interpretation of nursing and health data.
Prereq.: An undergraduate statistics course or equivalent.

NURS 6907  Health Assessment of School Children  3 s.h.
Development of advanced clinical knowledge and skills in assessment of school children. Emphasis on research from nursing, biological, behavioral, and social sciences.
Prereq.: enrollment in school nurse licensure program.

NURS 6908  Health Assessment of School Children Practicum  2 s.h.
Application of advanced nursing knowledge and skills from NURS 6907, focusing on assessment of children in school settings.
Concurrent: NURS 6907.

NURS 6909  Anesthesia Principles  1 2 s.h.
This course describes anesthesia equipment and hemodynamic monitoring in the operating room setting. It also explores the respiratory and cardiovascular systems and includes in depth assessment of the airway, lungs, heart, and vasculature. Evaluation of anesthesia considerations for patients who have pathological conditions of these systems will take place.

NURS 6910  Professional Aspects of Nurse Anesthesia  3 s.h.
Ethics, legal aspects, and professional issues associated with a career in nurse anesthesia. Includes a history of anesthesia and the role of certified registered nurse anesthetists (CRNA).
Prereq.: Acceptance into nurse anesthesia option.

NURS 6911  Pharmacology  1 for Nurse Anesthetists  3 s.h.
Basic principles of pharmacology including drug effectiveness, mechanism of action, and drug interactions. Emphasis on pharmacological action of drugs on specific organ systems and use in treatment of disease conditions.
Prereq.: Acceptance into nurse anesthesia option.

NURS 6912  Pharmacology  2 for Nurse Anesthetists  3 s.h.
Comprehensive study of drugs and adjunctive agents used in anesthesia practice. Includes a review of inhalation and intravenous anesthetics, local anesthetics, neuromuscular blocking agents, and adjunctive drugs.
Prereq.: NURS 6911.

NURS 6913  Medical Chemistry and Physics for Nurse Anesthetists  3 s.h.
Application of organic chemistry, biochemistry, and medical physics in the practice of anesthesia.
Prereq.: Acceptance into nurse anesthesia option.

NURS 6914  Human Anatomy, Physiology, and Pathophysiology  1 for Nurse Anesthetists  3 s.h.
Study of the structure and function of the human body.
Prereq.: Acceptance into nurse anesthesia option.

NURS 6916  Anesthesia Principles  2 3 s.h.
Introduction to anesthesia practice and techniques, including preoperative assessments, anesthesia drugs, care plan development and implementation, and safety issues.
Prereq.: NURS 6909 and acceptance into Nurse Anesthesia Option.

NURS 6920  Special Topics  1-4 s.h.
Topics may vary from semester to semester and will be announced along with prerequisites and hours. May be repeated. S/U grading.
NURS 6998  Anatomy and Physiology of Aging  3 s.h.
Using a systems approach, this course will examine the anatomical and physiological changes that occur with aging. It will discuss age-related disorders and evaluate the impact of these changes on activities and daily function. This course will be cross-listed with GERO 6998.

NURS 7000  Adult and Gerontology Care  3 s.h.
Advanced nursing management of adult and geriatric health care needs. Taken concurrently with NURS 7001.
Prereq.: NURS 6904, NURS 6905, and NURS 6998.

NURS 7001  Adult-Gerontology Care Practicum  5 s.h.
Application of knowledge and skills from NURS 7000 focusing on advanced nursing management of adult and geriatric health care needs.
Prereq.: NURS 6904, NURS 6905, and NURS 6998.
Concurrent with: NURS 7000.

NURS 7002  Nursing Science and Research 2  3 s.h.
Continuation of NURS 6901, focusing on design, instrumentation, data collection methods, data analysis and data interpretation.
Prereq.: NURS 6901 and NURS 6906.

NURS 7003  Role Development  3 s.h.
The examination of concepts, theories, and research related to advanced practice role development, teaching, learning, technology, evaluation strategies, leadership, program development, marketing skills, and health care delivery in community settings. To be taken concurrently with NURS 7004.
Prereq.: NURS 7028 or NURS 7041.

NURS 7004  Role Development Practicum  2 s.h.
Application of concepts, theories, and research through practicum hours in a variety of settings.
Prereq.: NURS 7029 or NURS 7042.

NURS 7005  Capstone Practicum  2 s.h.
Synthesis of learned concepts and theories in the form of an individual scholarly project, and dissemination of findings under the direction of a graduate faculty member.
Prereq.: Completion of all coursework and approval of MSN faculty committee.

NURS 7006  Special Topics in Nursing  1-5 s.h.
Special interest nursing topics selected by the faculty which reflect current trends and issues in nursing practice. May be repeated as desired.

NURS 7008  Schools and Health  3 s.h.
Population focus survey of children's health issues and K-12 schools using CDC Coordinated School Health Program model as an organizing framework. Topics include school health policy, relationship of health and academic outcomes, and Youth Risk Behavioral Surveillance (YRBS). Current research infused into the course.
Prereq.: Enrollment in school nurse licensure program.
Cross-listed: MPH 7008.

NURS 7010  Human Anatomy, Physiology, and Pathophysiology 2 for Nurse Anesthetists  3 s.h.
NURS 6914 Continuation of Anatomy, Physiology, and Pathophysiology I with further emphasis on cardiovascular, respiratory, renal, hepatic, and endocrine systems.
Prereq.: NURS 6914.

NURS 7011  Anesthesia Principles 2  6 s.h.
Examines specific anesthetic techniques used in a variety of surgical procedures.
Prereq.: NURS 6916.

NURS 7012  Anesthesia Principles 3  8 s.h.
Administration of anesthesia for high-risk patients.
Prereq.: NURS 7011.

NURS 7014  Health Management in Schools  3 s.h.
Advanced nursing management of health care needs of children in schools, pre-K through high school.
Prereq.: NURS 6907 or enrollment in school nurse licensure program.

NURS 7015  Health Management in Schools Practicum  2 s.h.
Application of knowledge and skills from NURS 7014, focusing on advanced nursing management of health care needs of children in schools, pre-K through high school. To be taken concurrently with NURS 7014.
Prereq.: NURS 6907.

NURS 7016  School Nurse Role  3 s.h.
Examination of concepts, theories, and research related to advanced practice role development, teaching, learning, technology, evaluation strategies, leadership, marketing skills, and health care delivery in school settings.
Prereq.: NURS 7014 or enrollment in the school nurse licensure program.

NURS 7017  School Nurse Role Practicum  1-5 s.h.
Application of concepts, theories, and research from school nurse courses in a variety of settings. To be taken concurrently with NURS 7016.
Prereq.: NURS 7014 or enrollment in school nurse licensure program.

NURS 7018  Nursing Curriculum Design  3 s.h.
Foundations of nursing curriculum with designs, development of frameworks, and identification of learning strategies to achieve nursing education learning competencies and outcomes.
Prereq.: Enrollment in the MSN Nurse Education Option or Post-Graduate Nurse Education Option.

NURS 7019  Nursing Instructional Methods  3 s.h.
Theoretical foundations and analysis of teaching strategies in academic and clinical settings promoting critical thinking, assessment techniques, and learning outcomes in a variety of nursing education and healthcare settings.
Prereq.: NURS 7018.

NURS 7020  Evaluation in Nursing Education  3 s.h.
Methods, frameworks, basic principles, and strategies for nursing educational evaluation, including assessment, designs, curriculum and program evaluation tools, agency accreditation processes, legal and ethical guidelines, and measurement tools of scoring and grading.
Prereq.: NURS 7018, NURS 7019.

NURS 7021  Nurse Educator Role  4 s.h.
Examination of concepts, theories and research related to advanced practice role development, teaching, learning, technology, evaluation strategies, leadership, marketing skills, and nursing education practice in academic and health care delivery settings.
Prereq.: NURS 7018, NURS 7019, and to be taken concurrently with NURS 7020.

NURS 7022  Nurse Educator Role Practicum  2 s.h.
Field experience and application of concepts, theories, research findings, teaching strategies, learning, technology, evaluation strategies, leadership, and marketing skills from nursing education courses in a variety of nursing education and healthcare settings. This practicum will consist of 150 hours and to be taken with NURS 7021.
Prereq.: NURS 7018, NURS 7019, and NURS 7020.

NURS 7024  Family and Women's Health  3 s.h.
Primary health care management of family and women in diverse settings. Emphasizes health promotion, illness prevention, disease detection, and identification and management of health problems and concerns affecting families and women throughout the lifespan. Taken concurrently with NURS 7025.
Prereq.: NURS 6903 (or concurrent), NURS 6902, NURS 6904.

NURS 7025  Family and Women's Health Practicum  2 s.h.
Application of concepts, theories and research from NURS 7024 in a variety of health care settings. Taken concurrently with NURS 7024.
Prereq.: NURS 6903 (or concurrent), NURS 6902, NURS 6904.

NURS 7026  Infant, Child and Adolescent Health  3 s.h.
Primary health care management of infants, children and adolescents in diverse settings. Emphasis on health promotion, illness prevention, disease detection, and identification and management of health problems and concerns from infancy through adolescence. Taken concurrently with NURS 7027.
Prereq.: NURS 6902, NURS 6903, NURS 6904, NURS 7024 and NURS 7025.
NURS 7027  Infant, Child and Adolescent Health Practicum  2 s.h.
Application of concepts, theories and research from NURS 7026 in a variety of health care settings. Taken concurrently with NURS 7026.
Prereq.: NURS 6902, NURS 6903, NURS 6904, NURS 7024 and NURS 7025.

NURS 7028  Adult and Older Adult Health  3 s.h.
Primary health care management of young adults, adults, and older adults in diverse settings. Emphasizes health promotion, illness prevention, disease detection, and identification and management of health problems and concerns affecting young adults, adults, and older adults. Taken concurrently with NURS 7029.
Prereq.: NURS 6902, NURS 6903, and NURS 6904, NURS 7026, and NURS 7027.

NURS 7029  Adult and Older Adult Health Practicum  2 s.h.
Application of concepts, theories and research from NURS 7028 in a variety of health care settings. Taken concurrently with NURS 7028.
Prereq.: NURS 6902, NURS 6903, NURS 6904, NURS 7026 and NURS 7027.

NURS 7037  Adult-Gero Acute Care 1  3 s.h.
Competencies (knowledge, skills and professional behaviors) required to provide comprehensive and holistic care to a culturally diverse, acutely ill population (young adult-fail elderly) is emphasized. Clinical manifestations of and patient response to particular patient care problems (e.g. cardiovascular, neurological etc.) with emphasis on physical assessment findings for determining a differential diagnosis and planning of patient care needs, health promotion and health maintenance. Taken concurrently with NURS 7038.
Prereq.: NURS 6902, NURS 6903 (or concurrent), NURS 6904.

NURS 7038  Adult-Gero Acute Care 1 Practicum  2 s.h.
Practicum experience in an acute care facility. Emphasis is placed on the APRN-patient/family relationship collaborating with the health care team and health information technology. Aligned with and taken concurrently with NURS 7037.
Prereq.: NURS 6902, NURS 6903 (or concurrent), NURS 6904.

NURS 7039  Adult-Gero Acute Care 2  3 s.h.
Competencies (knowledge, advanced skills and professional behaviors) required to provide comprehensive and holistic care to a culturally diverse, acutely ill adult population (young adult-fail elderly) is emphasized. Clinical manifestations of and patient response to particular patient care problems (i.e., integumentary, infectious disease) with emphasis on physical assessment findings for determining differential diagnosis and planning of patient care needs, health promotion and health maintenance. Taken concurrently with NURS 7040.
Prereq.: NURS 7038 and NURS 7037.

NURS 7040  Adult-Gero Acute Care 2 Practicum  2 s.h.
Practicum in an acute care facility aligned to and taken concurrently with NURS 7040. Emphasis is placed on quality improvement and patient safety initiatives, interdisciplinary professional collaboration and functioning within the health system.
Prereq.: NURS 7038.

NURS 7041  Adult-Gero Acute Care 3  3 s.h.
Focus on the integration of the role components delivered by the adult-gerontology nurse practitioner. Clinical manifestations of and patient response to particular patient care problems (i.e., endocrine, gastrointestinal, multisystem, trauma) with emphasis on physical assessment findings for determining a differential diagnosis and planning of patient care needs, health promotion and health maintenance. Emphasis on utilizing diagnostic reasoning, therapeutic interventions, pharmacological therapeutics, interdisciplinary treatment plans, consultation, referral, transitional care and research findings in the management and evaluation of culturally diverse acutely ill adult-gerontology patients. Taken concurrently with NURS 7042.
Prereq.: NURS 7039.

NURS 7042  Adult-Gero Acute Care 3 Practicum  2 s.h.
Practicum designed to integrate the independent practice competencies. Emphasis is on preventing illness, promoting health and an optimal functional level. Stabilizing the ill client and minimizing complications through an interdisciplinary approach and transitional care. Possible clinical areas: acute care facilities, disease management clinics (diabetes, heart failure, pain management, dialysis), outpatient facilities (oncology, cardiac rehabilitation, short term rehabilitation, drug and alcohol centers), parish nursing, hospice and palliative care facilities. Taken concurrently with NURS 7041.
Prereq.: NURS 7040.