

COLLEGE OF NURSING

210 Nursing Building
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Degree: Master of Science in Nursing

Dean: C. Fay Raines, B.S.N., M.S.N., Ph.D., Professor

Associate Dean: Marsha Dowell, B.S.N., M.S.N., Ph.D., Associate Professor

Professor:

Raines, C.F.; psychiatric nursing, health policy

Clinical Professor:

Williamson, J.W.; adult nurse practitioner

Associate Professors:

Dowell, M.; adult acute care, health policy, administration

Rozell, B.; rural health and community health nursing, administration, case management

Clinical Associate Professor:

Herrin, D.; administration, health care workforce

Assistant Professors:

Anderson, F.; administration, community health

Hays, M.; long term care, administration

McClellan, L.; pediatrics, stress in children

McElroy, E.; psychiatric nursing

Clinical Assistant Professors:

Bonilla, M.; family nurse practitioner

Foote, D.; family nurse practitioner, gerontological nurse practitioner

Newman, K.; family nurse practitioner, home health care, case management

Reisenwitz, K.; family nurse practitioner

Redmon, M.; adult health, oncology

South, L.; pediatrics

Wade, J.; geriatrics

Weed, D.; family nurse practitioner

The College of Nursing offers the Bachelor of Science in Nursing, the Master of Science in Nursing, a Post-Master's Family Nurse Practitioner Certificate, and a Graduate Certificate in Nursing Education. The faculty of the College of Nursing believe that nursing is a caring profession that is based on a unique body of knowledge which is derived from the arts, humanities, physical, biological, social, behavioral and health sciences, as well as from clinical practice.

The College of Nursing is dedicated to excellence in teaching, practice, scholarship, and service. Faculty have the responsibility to educate students of nursing as well as to provide continuing education, to engage in scholarly activities that will develop and extend the discipline of nursing, and to provide service to the nursing profession, the community, and the academic environment in which nursing study resides.

Accreditation

The Master of Science in Nursing (M.S.N.) programs offered by the College of Nursing are accredited by the Commission on Collegiate Nursing Education (CCNE). The undergraduate program is also approved by the Alabama Board of Nursing.

Mission

The fundamental purpose of the College of Nursing is to prepare nurses at the baccalaureate and master's level who are critical thinkers, life-long learners, and are able to practice as caring professionals in a variety of health care delivery systems. As the only institution offering both undergraduate and graduate nursing programs in north Alabama, the college is also a regional center for research activities in nursing. In addition, the college is committed to providing educational services for and in collaboration with agencies for professional nursing development. Educational offerings and faculty practice are both services to community clients and means of improving health care and delivery systems. In order to meet its obligations in teaching, research, scholarly activities, practice and service, the college maintains high quality faculty who are excellent teachers and expert practitioners who add to the body of nursing knowledge.

Degrees and Certificates Offered

The College of Nursing offers master's degree programs as well as a post-master's family nurse practitioner certificate program and a graduate certificate in nursing education.

Master's Degree

Graduate tracks offered through the College are focused on preparing advanced practice nurses in direct care provider roles as a family nurse practitioner, acute care nurse practitioner, adult clinical nurse specialist, or in an indirect care provider role as a nurse administrator. The Master of Science degree is awarded upon successful completion of one of the four tracks.

Advanced practice nursing is distinguished by autonomy of practice and characterized by both increased complexity in clinical decision making and skills in managing organizations and health care environments.

Comprehensive health assessment skills provide a foundation for the critical thinking used in diagnostic decision making and treatments of complex human responses of diverse individuals, families and communities to health problems. Advanced practice nursing students are guided in classroom and clinical experiences to formulate clinical decisions to manage common health problems, acute and chronic illnesses and promotion of wellness.

Theory and research form a central core of knowledge for all tracks in the master's program. Building on content in these areas, all students integrate education, management, leadership, and consultation into their clinical experiences as they practice in a variety of settings. Practice sites for clinical courses are individually arranged with the student. Classes are usually offered one day per week and may be offered on campus, at off campus sites or through web-based courses.

Students who successfully complete their program of study are eligible to sit for the national certification examination in their area of expertise.

Adult Clinical Nurse Specialist

This advanced practice nurse is an expert clinician and client advocate in a nursing practice specialty with adults. They provide direct client care including assessing, diagnosing, planning and prescribing pharmacologic and non-pharmacologic interventions for health problems, health promotion and preventive care. The adult clinical nurse specialist is also involved in indirect practice activities with the goal of improving outcomes of care. Practice settings include hospitals, clinics and community health agencies.

Nurse Practitioner

The nurse practitioner is a skilled health care provider who uses expert clinical judgment and decision making in the performance of comprehensive health assessments, differential diagnoses and prescribing of pharmacologic and non-pharmacologic interventions in the direct treatment of health problems. Nurse practitioners function as care providers, case managers, researchers, consultants, and educators. Two nurse practitioner tracks are offered at the college: family nurse practitioner and acute care nurse practitioner. Although both are advanced practice nurses, family nurse practitioners function as primary care providers focusing on common health care problems. Family nurse practitioners establish collaborative practices with primary care physicians to deliver culturally sensitive care to clients. Acute care nurse practitioners focus on the care of adults with acute illnesses and may practice in the hospital, home, or clinic setting. Acute care nurse practitioners provide expert interventions focused on health promotion, illness prevention, and health care management.

Nurse Administrator

Health care organizations are becoming increasingly complex businesses. Nurse administrators are emerging as executive leaders able to direct people and organizations in the creation of more humanistic but fiscally sound health care systems.

The faculty prepare nurses to design and implement strategic plans and manage departments and organizations. Students are prepared to assume leadership roles in hospital and community settings and serve as case managers. Human resource and fiscal management theories are merged with organizational theory as the student engages in classroom and clinical experiences to implement strategies that enhance health care for individuals, families, and communities.

Post-Master's Certificate

Students already possessing a master's degree in nursing have the opportunity to pursue a family nurse practitioner certificate. Students are admitted to the family nurse practitioner certificate program on a full-time basis to complete the requirements in one year.

Graduate Certificate Program in Nursing Education

Students who are currently enrolled in graduate education or those possessing a master's degree have the opportunity to continue their education and obtain a certificate in nursing education. Classes for this program are arranged in a manner to allow for full time employment or continued study in the master's program. The program is composed of five courses and requirements for the certificate program may be completed in one calendar year.

More detailed information about opportunities for students seeking graduate degrees and certification may be obtained from the College of Nursing Office of Student Affairs (256) 824-6742.

Distance Learning

The mission of the College is to provide excellence in teaching, research, and service while providing unique opportunities and creative flexible programs for students, faculty, and the community. Distance learning and the use of other new educational technologies are part of the future for the continuing mission.

The College of Nursing offers select graduate courses via interactive television (IITS) to sites in north Alabama. These offerings allow students at distant geographical sites to actively participate in class and clinical learning activities.

The faculty are expanding these opportunities for the IITS and using the Internet and Web-based courses to enhance educational opportunities. For further information and class offerings, contact the College of Nursing Office of Student Affairs (256) 824-6742.

Computer Literacy

The College of Nursing acknowledges that health care systems are evolving at an accelerated rate and becoming increasingly reliant on computer technology. Computer literacy is rapidly becoming a basic communication skill. Prior to enrolling in nursing courses, it is suggested that students familiarize themselves with basic computer skills. Students should be able to use a computer to log on to their email account to communicate with other students and faculty. They should be able to log on to the Internet to access class content. Ability to use a word processing program and perform Internet searches for health care related materials are also suggested skills.

Clinical Facilities

The College of Nursing offers a wide diversity of clinical sites for student experiences. The college has contracts with over 600 health related agencies in Alabama and surrounding states.

Madison County has two general hospitals with a licensed capacity of 1,013 beds, a county health department, and numerous skilled nursing homes and home health care agencies. The University of Alabama at Birmingham Medical Clinics-Huntsville Program also serve as clinical sites for students in the College of Nursing.

Huntsville Hospital System, the largest general hospital in the northern part of Alabama, is the regional medical center for north Alabama and south central Tennessee. The hospital offers comprehensive emergency treatment facilities and the only newborn intensive care unit in north Alabama. Crestwood Medical Center is a private general hospital fully equipped to handle most diagnostic and surgical procedures. Rural health clinics across Alabama are also used for student experiences. Other hospitals, clinics, and physicians' offices are used on a selective basis.

Service and Scholarship

In addition to its teaching mission of providing quality education for students, the College of Nursing provides continuing education for nurses. Educational programs may be offered at the College of Nursing or at individual health care agencies. The faculty and students of the college are committed to the provision of services for the people of Huntsville and surrounding communities. These activities are focused on the improvement of health and healthy behaviors and include such activities as health fairs and screenings.

Faculty and students also conduct and disseminate research to address issues in health care from health policy initiatives and the delivery of services to specific clinical problems. Faculty are also active in the provision of consultative services to a variety of health care agencies and educational institutions.

Advising and Assistance

The focus of advising in the College of Nursing is to assist students to successfully progress toward their educational objectives. Advising is designed to provide assistance where desired and appropriate. All pre-admission graduate students are advised in the College of Nursing Office of Student Affairs located on the second floor of the Nursing Building.

Students admitted to the graduate program are assigned a faculty advisor who assists them throughout the remainder of the academic program. Faculty advisors assist students in completing a program of study as well as providing guidance for future employment or educational endeavors.

Admission Requirements

Admission into the graduate program is competitive and is based on the strength of the applicants' records. Students applying for fall admission must submit their application package by stated deadlines.

Each student must apply to the School of Graduate Studies as well as apply to the College of Nursing. Please note that admission to the School of Graduate Studies does not imply admission to

2. If the recommendation is for the student to repeat the course, he/she may retake the course at the next time the course is offered.
3. If the student obtains a “C” in a nursing course and is allowed to continue, makes a “C” in a second clinical nursing course, or if the student receives a “C” in the retake of the original course, this student may not be allowed to progress independent of GPA, and will be dismissed from the College of Nursing. The student may petition for readmission to the Director of Nursing Student Affairs.
4. If the student makes a “C” in any graduate course and the student’s GPA falls below a 3.0, the student will be placed on academic probation by the University. The student has an additional twelve semester hours to bring the GPA up to 3.0 in accordance with the UAH School of Graduate Studies policy.
5. No student will be able to record a grade less than a “C” on their program of study for the graduate program.

Health Requirements

The clinical experiences of nursing students require a health screening program. The following steps are required as part of admission to and enrollment in the graduate program:

1. Each student is required to have a health examination by a physician or a certified nurse practitioner. Reports of the results of this examination must be submitted on forms provided by the College of Nursing and must be received by the College of Nursing Office of Student Affairs by published deadlines. Individual clinical agencies may require additional documentation for specific health requirements which must be met by students;
2. Each student must be immunized for hepatitis B. Certification that the series of injections has begun or results of a recent titer must be received by the College of Nursing Office of Student Affairs by published deadlines. Immunizations and titers are at the expense of the student;
3. Each student is required to be immunized against measles. Documentation of current immunization for measles or results of a recent titer must be received by the College of Nursing Office of Student Affairs by the published deadlines. Immunizations and titers are at the expense of the student;
4. Each student is required to be annually tested for tuberculosis. Evidence of the annual testing or results of a recent chest x-ray are required. Testing expenses are the responsibility of the student. Documentation of the test results must be received by the College of Nursing Office of Student Affairs by published deadlines;
5. Documentation of current health insurance must be received by the College of Nursing Office of Student Affairs by published deadlines. Hospitals and health agencies provide emergency treatment to students for injury or illness occurring in the course of program requirements in their agencies. Such treatment will be at the expense of the student. Students are required to maintain health insurance throughout the program.

Student Financial Services

Student Financial Services, located in the University Center, provides financial aid information and assists students in meeting individual needs.

Financial aid for graduate students in the College of Nursing comes primarily from the following sources:

1. Alabama Board of Nursing Scholarships.

Fifteen scholarships are granted each year to graduate students attending schools in Alabama. Funding is \$3,800 for full-time study for one year. Students must make application directly to the Alabama Board of Nursing. Contact the Alabama Board of Nursing for further information.

2. *Federal Nurse Training Grants.*

The College of Nursing applies annually for a limited number of traineeships for graduate students. These funds are granted to admitted students enrolled for full-time study and admitted students enrolled for part-time study who will graduate within 12 months. Application forms may be obtained through the College of Nursing Office of Student Affairs.

3. *Elizabeth M. Fisher Memorial Scholarship.*

4. *Graduate Teaching Assistantships.*

5. *Graduate Research Assistantships.*

6. *Graduate Tuition Scholarships.*

Course Load

The usual course load for a full-time graduate student in nursing is from 9 to 12 hours. Students may choose to complete a degree in full-time or part-time study with the exception of the post-master's students. Students admitted to the post-master's program are required to complete the program in full-time study.

Degree Requirements

In addition to the graduate degree requirements of the School of Graduate Studies, a student is required to complete a minimum of 39-42 semester hours of graduate coursework in the Adult Clinical Nurse Specialist Track, the Acute Care Nurse Practitioner Track, the Family Nurse Practitioner Track, or the Nursing Administration Track. Please note that curricular changes may be made in the coming year. Please contact the College of Nursing Office of Student Affairs for the most current information.

Students may follow one of two research options for their program of study:

Thesis Option

1. Completion of all required core and clinical or administration track courses
2. Completion of 6 hours of thesis
3. A minimum of "B" average for all degree credit coursework
4. Submission of an acceptable thesis describing research
5. Successful completion of the final comprehensive examination of coursework and thesis.

Non-thesis Option

1. Completion of all required core and clinical or administration track courses
2. Completion of 6 hours of graduate electives or completion of a research project
3. A minimum of "B" average for all degree credit coursework
4. Successful completion of the final comprehensive examination on coursework.

Final Comprehensive Examination

A final comprehensive examination is required of all nursing student degree candidates. The examination is conducted by a committee of at least three members appointed by the Associate Dean of the College of Nursing. The examining committee is composed of faculty members whose areas of expertise cover the areas listed on the student's Program of Study. The examination is given at least six weeks prior to graduation.

Nursing Tracks

Core Requirements: (9) semester hours)

Scholarly Inquiry for Advanced Nursing Practice (NUR 602)	3 hrs.
Thesis/Other research activities (NUR 698, 699, graduate courses)	6 hrs.

Acute Care Nurse Practitioner Track

In addition to the above 9 semester hours of required core courses, the student must complete the following required courses (33 semester hours):

Advanced Health Assessment (NUR 605)	3 hrs.
Pathophysiology (NUR 606)	3 hrs.
Pharmacology in Advanced Practice (NUR 607)	3 hrs.
Acute Care Nurse Practitioner I (NUR 620)	6 hrs.
Acute Care Nurse Practitioner II (NUR 621)	6 hrs.
Acute Care Nurse Practitioner III (NUR 622)	6 hrs.
Acute Care Nurse Practitioner IV (NUR 623)	6 hrs.

A minimum of 42 semester hours is required for the Acute Care Nurse Practitioner Track.

Adult Clinical Nurse Specialist Track

In addition to the above 9 semester hours of required core courses, the student must complete the following required courses (33 semester hours):

Advanced Health Assessment (NUR 605)	3 hrs.
Pathophysiology (NUR 606)	3 hrs.
Pharmacology in Advanced Practice (NUR 607)	3 hrs.
Adult Clinical Nurse Specialist I (NUR 660)	6 hrs.
Adult Clinical Nurse Specialist II (NUR 661)	6 hrs.
Adult Clinical Nurse Specialist III (NUR 662)	6 hrs.
Adult Clinical Nurse Specialist IV (NUR 663)	6 hrs.

A minimum of 42 semester hours is required for the Adult Clinical Nurse Specialist Track.

Family Nurse Practitioner Track

In addition to the 9 semester hours of required core courses, the student must complete the following required courses (33 semester hours):

Advanced Health Assessment (NUR 605)	3 hrs.
Pathophysiology (NUR 606)	3 hrs.
Pharmacology in Advanced Practice (NUR 607)	3 hrs.
Family Nurse Practitioner I (NUR 610)	6 hrs.
Family Nurse Practitioner II (NUR 611)	6 hrs.
Family Nurse Practitioner III (NUR 612)	6 hrs.
Family Nurse Practitioner IV (NUR 613)	6 hrs.

A minimum of 42 semester hours is required for the Family Nurse Practitioner Track.

Nursing Administration Track

In addition to the 9 semester hours of required core courses, the student must complete the following required courses (30 semester hours):

Nursing Administration in Health Care Systems (NUR 630)	3 hrs.
Resource Management (NUR 631)	3 hrs.
Fiscal Management (NUR 632)	3 hrs.
Nursing Administration I (NUR 633)	6 hrs.
Nursing Administration II (NUR 634)	6 hrs.
Basic Budgeting in Health Systems (NUR 636)	3 hrs.
Case Management (NUR 637)	3 hrs.
Healthcare Informatics (NUR 638)	3 hrs.

A minimum of 39 semester hours is required for the Nursing Administration Track.

Post-Master's Family Nurse Practitioner Program

The Post-Master's Family Nurse Practitioner Program is designed for individuals who have already earned a master's degree in nursing but who desire additional preparation for family nurse practitioner certification. Students must be formally admitted to the program to enroll and must meet identical academic standards as students enrolled in the master's program. Students admitted to this program must attend full-time. In order to facilitate this study, this certificate program may

be offered on Saturdays on the UAH campus, and may be offered off campus. Graduates from this program are eligible to sit for the national certification examination for family nurse practitioners.

There are two required prerequisite courses for the Post-Master's Family Nurse Practitioner Program. Students must have completed advanced health assessment and pathophysiology at UAH or another institution prior to enrolling in any course. Students enrolling in this program will complete the requirements for the FNP in three semesters of study.

The program of study is as follows:

NUR 607 Pharmacology in Advanced Practice	3 hrs.
NUR 610 Family Nurse Practitioner I	6 hrs.
NUR 611 Family Nurse Practitioner II	6 hrs.
NUR 612 Family Nurse Practitioner III	6 hrs.
NUR 614 Family Nurse Practitioner V	3 hrs.
NUR 615 Family Nurse Practitioner VI	3 hrs.

Graduate Certificate In Nursing Education Program

The College supports the belief that a master's degree is a minimum requirement for teaching in a nursing education setting. Courses are open to current graduate students enrolled in any of the master's tracks offered by the College of Nursing as well as to nurses already holding a master's degree in nursing. Students not already enrolled in the master's program must be formally admitted to the program and meet the same admission standards as other graduate students.

The purpose of the 15 clinical hour program is to:

Prepare nurses with a master's degree to teach in a variety of settings, i.e., associate degree-nursing programs, clinical faculty in baccalaureate programs and health care agency educational programs

Prepare nurses with the theory and practice experiences to develop and implement educational offerings in a variety of settings for diverse populations

Prepare nurses with a variety of teaching strategies and delivery systems for today's new learning environment

Prepare nurses with the necessary tools and strategies to effectively evaluate nursing performance in both clinical and classroom settings

Prepare nurses with the skills necessary for role development as a faculty member.

The program of study is as follows:

NUR 640 Curriculum Development in Nursing	3 hrs.
NUR 641 Teaching/Learning in Nursing	3 hrs.
NUR 642 Testing and Evaluation in Nursing Education	3 hrs.
NUR 643 Faculty Role Development	3 hrs.
NUR 644 Practicum in Teaching Nursing	3 hrs.

Graduate Courses in Nursing (NUR)

500 Special Topics

2-4 hrs.

Advanced study of selected area of interest in nursing. Elective. Prerequisite: Approval of instructor. Lab Fee: \$30. Fall, Spring, Summer.

525 Human Sexuality

3 hrs.

Theory and issues related to human sexuality in health and illness. Emphasis on theory and values, clarification of human sexuality needs. Lab Fee: \$30. Elective, open to all university students. Fall, Summer.

534 Death and Dying**3 hrs.**

A consideration of death and dying in the present time. Influences upon current attitudes and thinking gleaned from historical, cultural, philosophical, and scientific perspectives. Focus will be placed on helping the individual student recognize intimate reactions and beliefs concerning death and identifying coping resources. Elective, open to all university students. Lab Fee: \$30. Summer.

537 Nursing as a Political Force**3 hrs.**

The course explores the historical, current, and future impact of nursing on the political process. Local, state, national, and international aspects of nursing as a political force are analyzed. Emphasis is on political systems, regulatory processes, and organizational issues influencing health care delivery. Elective, open to all university students. Lab Fee: \$30. Fall, Summer.

540 Oncology Nursing**3 hrs.**

This course provides a holistic approach to the nursing care of people with cancer. The nursing process is used as the basis for promoting health and facilitating adaptation in the person with cancer. The course includes clinical experiences in selected agencies. Prerequisite: Admission to the College of Nursing. Lab Fee: \$30. Summer.

602 Scholarly Inquiry for Advanced Nursing Practice**3 hrs.**

Includes discussion of philosophical and theoretical bases of nursing research and the application of research findings to practice. Development of a research problem, including problem identification, evaluation of current knowledge, and the selection of an appropriate research approach. Focuses on research methodologies, both quantitative and qualitative, as they relate to data collection, data analysis including both interpretive and statistical strategies, and discussion of findings. Proposal generation and research funding mechanisms are included. Lab Fee: \$30. Spring.

604 Health Policy**3 hrs.**

Local, state, and national health care policies, with emphasis on political systems, regulatory processes, and organizational issues influencing health care delivery. Elective; open to university students. Lab Fee: \$30. Summer.

605 Advanced Health Assessment**3 hrs.**

Theory and laboratory practice to develop skills for comprehensive health assessment of individuals and families. Lab Fee: \$100. Fall.

606 Pathophysiology**3 hrs.**

Expands upon previous knowledge of anatomy, physiology, development, and disease processes. Anticipated physiological alterations as they affect individuals throughout the life span. Lab Fee: \$30. Fall.

607 Pharmacology in Advanced Practice**3 hrs.**

Advanced content in clinical pharmacology based on body systems and the physiological biochemical relations with and between those systems. Lab Fee: \$30. Spring.

610 Family Nurse Practitioner I**6 hrs.**

Clinical course that introduces advanced nursing concepts and skills necessary for assessment, health promotion and illness prevention, and health care management of the adult client in primary health care settings. Pre/corequisites: NUR 605, 606. Lab Fee: \$180. Fall.

611 Family Nurse Practitioner II**6 hrs.**

Clinical course with emphasis on advanced nursing concepts and clinical practice of health promotion and management of women throughout the life span in the context of family. Prerequisite: NUR 606 or 607; 610. Lab Fee: \$180. Spring.

612 Family Nurse Practitioner III**6 hrs.**

Clinical course that focuses on advanced nursing concepts and clinical practice of health promotion and management of children in the context of family. Pre/corequisite: NUR 606 or 607. Lab Fee: \$180. Summer.

613 Family Nurse Practitioner IV **6 hrs.**

A synthesis clinical course, focusing on preparation for primary care of individuals and families throughout the life span and along the health continuum. Prerequisites: NUR 610, 611, 612. Lab Fee: \$180. Fall.

614 Family Nurse Practitioner V **3 hrs.**

First of two culminating courses/seminar/clinical practicum in the family nurse practitioner certificate program. The clinical practicum will be completed in a primary care setting. classroom seminar focuses on the role, trends, and health policy issues facing the family nurse practitioner. Prerequisites: NUR 610. Lab Fee: \$90. Summer.

615 Family Nurse Practitioner VI **3 hrs.**

The culminating course/seminar/clinical practicum in the family nurse practitioner certificate program. The clinical practicum will be completed in a primary care setting. Classroom seminar focuses on the role, trends, and issues facing the family nurse practitioner. Prerequisites: NUR 610, 612, 614. Lab Fee: \$90. Fall.

620 Acute Care Nurse Practitioner I **6 hrs.**

Clinical course that introduces advanced nursing concepts and skills necessary for assessment, health promotion and illness prevention, and health care management of the adult client in primary health care settings. Pre/corequisites: NUR 605; 606 or 607. Lab Fee: \$180. Fall.

621 Acute Care Nurse Practitioner II **6 hrs.**

Clinical course focusing on assessment and management of adults with acute health problems in agency and home settings, emphasizing the clinician role. Focus is on assessment parameters and protocols of care of clients with selected acute alterations in health. Pre/corequisites: NUR 606 or 607; 620. Lab Fee: \$180. Spring.

622 Acute Care Nurse Practitioner III **6 hrs.**

Clinical course in care of adult patients with acute alterations in health in the hospital, home, or clinic setting focusing on the concept of managed care. Within a selected product line, the practitioner will develop protocols, care for and evaluate care for patients and practice consulting with client groups. Prerequisites: NUR 620, 621. Lab Fee: \$180. Summer.

623 Acute Care Nurse Practitioner IV **6 hrs.**

Culminating course in the acute care nurse practitioner track. Student will complete a clinical residency in a selected acute care area/specialty. Classroom theory will focus on the role and legal trends and issues facing the acute care nurse practitioner. Prerequisites: NUR 620, 621, 622. Lab Fee: \$180. Fall.

630 Nursing Administration in Health Care Systems **3 hrs.**

Focuses on the nurse administrator's relationship with organizational dynamics in a variety of health care delivery systems. Theories of organizations and organizations from the perspective of structure, regulation, dynamics, trends, technology and strategic planning in health care delivery will be explored. Lab Fee: \$30. Fall.

631 Resource Management **3 hrs.**

Role of the nurse manager in resource allocation and management in health care systems, with emphasis on human resource management including recruitment, selection, retention, staff development, quality improvement and marketing. Lab Fee: \$30. Fall.

632 Fiscal Management **3 hrs.**

The role of the nurse administrator in fiscal management in a variety of health care settings, with emphasis on student understanding of finance in administrative decision making, planning, and control. Fiscal resources, processes and systems. Prerequisite: NUR 636. Lab Fee: \$30. Spring.

633 Nursing Administration I**6 hrs.**

Clinical course based on the application of organizational theory and resource management in nursing, focusing on middle management functions in a variety of health care systems. Prerequisites: NUR 630, 631. Lab Fee: \$100. Spring.

634 Nursing Administration II**6 hrs.**

Clinical course providing opportunity for students to apply and synthesize administrative theory at various executive levels in nursing. Prerequisite: NUR 633. Lab Fee: \$180. Fall.

636 Basic Budgeting in Health Systems**3 hrs.**

Assists nurse managers in gaining conceptual knowledge of budgeting in various health systems, targeting primarily mid-level nurse managers who have responsibility for planning and controlling unit budgets. Lab Fee: \$30. Fall.

637 Case Management**3 hrs.**

Introduction to health care delivery through the case management model. Basic foundation information targeting the professional nurse's role in case management. Types of case management are discussed and analyzed. Impact of managed care to case management and other care delivery methods is explored for a changing health care delivery system. Fiscal implications of case management are considered. Lab Fee: \$30. Fall.

638 Healthcare Informatics**3 hrs.**

This course focuses on information system concepts and technologies used in the structuring and processing of nursing information to arrive at clinical decision-making for healthcare. Analysis of information systems in clinical management, administration, education, and research will be completed. Students will explore capabilities, benefits, barriers, and related information and technologies comprising current state of informatics design and use in health and nursing related systems. Emphasis is placed on strategies, issues and technologies of information collection, analysis and communication. Prerequisite: NUR 339. Lab Fee: \$30. Summer.

640 Curriculum Development in Nursing**3 hrs.**

Principles and concepts of curriculum development are examined with respect to their application to development of both the theoretical and clinical components of nursing programs. Includes principle regarding theories of learning, the changing nature of knowledge and societal needs as basic considerations directing curricular planning and revision. Lab fee: \$30. Spring.

641 Teaching/Learning in Nursing**3 hrs.**

Emphasis is on the development of classroom and clinical laboratory teaching skills and includes a critical appraisal of specific teaching strategies. The student is provided the opportunity to acquire knowledge in the use and design of common and innovative teaching methods including web-based and interactive delivery systems. Lab fee: \$30. Fall.

642 Testing and Evaluation in Nursing**3 hrs.**

Major emphasis on the development of classroom and clinical skills in appraisal and evaluation methods of student performance. The student is provided with the opportunity to acquire skills in constructing various types of testing and evaluation (formative and summative) procedures as they relate to nursing education. Lab fee: \$30. Fall.

643 Faculty Role Development in Teaching**3 hrs.**

Role theory serves as the basis for the discussion and practice in developing teaching, service and research role of a faculty member in a nursing program. Discussion on legislative and professional agencies issues and policies impinging on the teaching role. Lab fee: \$30. Summer.

644 Practicum in Teaching**3 hrs**

Opportunities to do practice teaching with nursing students in various phases of their basic educational programs. Learning activities will be planned on an individual basis and based on the specific teaching responsibilities of their primary course assignment. Selected baccalaureate degree and/or associate degree programs will be used as practice sites. Lab fee: \$90. Spring.

650 Independent Study**2-4 hrs.**

Planning, implementation, and evaluation of related phenomena of special interest observed in nursing practice. Prerequisite: Permission of instructor. Lab Fee: \$30. Fall, Spring, Summer.

660 Adult Clinical Nurse Specialist I**6 hrs.**

Primary focus is on nursing care of adults and families with long-term alterations in health. Sub-roles of the advanced practice nurse are introduced and reinforced. Theory concerning adult development, health promotion, and disease prevention practices, identifying populations at risk, cultural and environmental diversity issues, provides the background knowledge used by the student in giving care to patients/families in a variety of settings. Patient and caregiver needs and care interventions are central as the student practices the role of clinician caring for adults with chronic problems. Pre/co-requisites: NUR 605; 606. Lab Fee: \$180. Fall.

661 Adult Clinical Nurse Specialist II**6 hrs.**

Care management of the adult patient in the hospital or community setting. Rural and other vulnerable populations are of major concern. Health policy, fiscal regulations, and differing health delivery systems serve as points of discussion. Clinical experiences with vulnerable and underserved populations primarily in rural settings. Pre/co-requisites: NUR 660; 606 or 607. Lab Fee: \$180. Spring.

662 Adult Clinical Nurse Specialist III**6 hrs.**

Advanced nursing care of adults of diverse populations in secondary or tertiary settings. Emphasis on special needs and advanced nursing care of adults with acute health alterations. Student clinical experiences are therapeutic nursing interventions with acutely ill patients with complex health problems. Prerequisites: NUR 660, 661. Lab Fee: \$180. Summer.

663 Adult Clinical Nurse Specialist IV**6 hrs.**

Culminating residency course where the student uses the sub-roles of the advanced practice nurse—clinician, teacher, manager, researcher, consultant, in providing direct and indirect care to the adult patient. Legal, ethical, and licensing issues affecting the role of the advanced practice nurse are points of classroom discussion, along with current issues and trends. Theories concerning ethical decision making, consultation, leadership, and methods of research utilization enhance the student's practice. The clinical placement should strengthen the student's area of concentration developed with the faculty advisor. Prerequisites: NUR 660, 661, 662. Lab Fee: \$180. Fall.

698 Other Activities**1-6 hrs.**

Application of activities appropriate to student program of study. Intended to expand student knowledge and enhance track specific content. Prerequisite: Advisor approval. Lab Fee: \$20. Fall, Spring, Summer.

699 Thesis**1-6 hrs.**

Independent research investigation related to practice of nursing under faculty guidance. Minimum of six hours required. Pre/co-requisites: NUR 602. Lab Fee: \$20. Fall, Spring, Summer.