

The Graduate Curriculum Committee (GCC)
Meeting Minutes
Wednesday, November 7, 2012

Regular Members Present:

Jim Decker (Chair)
Bob Thompson (Vice Chair)
Carol Brown
Amy Carr-Richardson
Hamid Fonooni
Will Forsythe
Rich Franklin
Linda Mayne
Ravi Paul

Regular Members Excused:

None

Ex-Officio Members Present:

Linner Griffin and Meaghan Johnson

Ex-Officio Members Absent/Excused:

None

Academic Program Planning and Development:

Kimberly Nicholson

Guests:

College of Nursing: Carol Ann King, Bobby Lowery, Linda Mayne, and Jana Pressler

Actions of Committee:

I. Call to Order

1. Report on Graduate Council (GC) Actions

The GC approved the 09-19-12 and 10-03-12 GCC minutes at their 10-22-12 meeting. The GC discussed a statement regarding academic freedom that is being considered for inclusion in the graduate catalog text. Faculty mentoring awards were also a topic of discussion in addition to the ongoing topic of doctoral candidacy (standardization of campus procedures and definition of “candidacy”). Dr. Thompson stated the final documents related to doctoral candidacy should be made available to students in advance as a published material.

2. The 10-17-12 GCC minutes were approved electronically and forwarded to the Graduate Council for agenda placement.

II. College of Nursing

One GCC member abstained from the vote.

Proposal of New Course: NURS 6083

Package approved as amended

- (1.) Proposal form reviewed at 10-17-12 meeting; recommendations provided at that time
- (2.) Revise course description
- (3.) Revise marked catalog copy

Renumbering and Revision of Existing Courses: NURS 6001 (to 6080), NURS 6002 (to 6082), NURS 6991 (to 6081)

Package approved as amended

- (1.) Proposals reviewed at 10-17-12 meeting; recommendations provided at that time
- (2.) Unit asked to include complete NURS course list in marked catalog copy (missing courses 6109 - 6987)
- (3.) Remove errant punctuation from marked catalog copy (NURS 6080, 6081, 6082)
- (4.) Replace “student” with “status” in marked catalog copy (NURS 6083)
- (5.) Formatting revisions made by the unit upon resubmission (NURS 6080)

Deletion of Existing Course: NURS 6992

Package approved as amended

Revision of Existing Degrees: Master of Science in Nursing, BSN to PhD Nursing Education Course Requirements, BSN to PhD Nursing Leadership Course Requirements

Package approved as amended

- (1.) Replace “37 – 69 s.h. credit as follows” with “37 – 69 s.h. as follows” (MS in Nursing)
- (2.) Kimberly Nicholson will remove the errant formatting symbols “□” from the marked catalog copy section of the minutes (MS in Nursing, Doctor of Philosophy in Nursing)
- (3.) Replace “school” with “College of Nursing” (Doctor of Philosophy in Nursing)
- (4.) Replace “Grade-point average of 3.2” with “Minimum grade-point average of 3.2” or similar text (Doctor of Philosophy in Nursing)
- (5.) Update text regarding transfer credit in similar fashion as text used in DNP proposal (BSN to PhD Nursing Leadership Course Requirements)

III. College Nursing

One GCC member abstained from the vote. Unit asked to revise the memorandum of request to include the word “are” in the 4th line of the 3rd paragraph.

Proposal of New Courses: NURS 8266, 8267, 8268, 8269, 8270, 8271, 8272, 8273, 8274, 8275, 8276, 8277

Approved as amended

- (1.) Revise course description (NURS 8266, 8267, 8268, 8269, 8270, 8271, 8272, 8273, 8274, 8275, 8276, 8277)
- (2.) Provide notification to the Department of Biostatistics (NURS 8267)
- (3.) Revise textbooks (NURS 8266, 8267, 8268, 8269, 8270, 8271, 8272, 8273, 8274, 8275, 8276)
- (4.) Revise course objectives (NURS 8268, 8269, 8272, 8277)
- (5.) Revise course topic outline (NURS 8269, 8273)
- (6.) Revise grading scale (NURS 8269, 8272, 8273, 8274, 8277)
- (7.) Revise marked catalog copy (NURS 8266, 8267, 8268, 8269, 8270, 8271, 8272, 8273, 8274, 8275, 8276, 8277)

Proposal of New Degree Phase III: Doctor of Nursing Practice

Approved as amended

- (1.) Include name of DNP director if available
- (2.) Replace “school” with “College of Nursing”
- (3.) Revise bullet formatting
- (4.) Replace all occurrences of “Grade-point average” with “Minimum grade-point average”
- (5.) Replace “fulltime” with “full-time”
- (6.) Replace “orientation session in August” with text referencing the fall semester
- (7.) Revise text that references transfer credits

VI. Old Business

1. Institutionalization of Annual Active Courses Not Offered in 10+ Years Action Plan

Approved

Active Courses Not Offered in 10+ Years Action Plan

- Beginning in 2015, and every fifth year thereafter (e.g. 2015, 2020, 2025, etc.), the Office of Academic Program Planning and Development will identify all active graduate-level courses that have not been offered in 10 or more years.
- The dean of the Graduate School, on behalf of the Graduate Council, will notify applicable units of the intent to delete identified courses by October 1st of each fifth year.
- Units desiring to keep their course(s) in the graduate catalog will be given an opportunity to submit a justification memorandum to the GCC describing why their course(s) should remain active. The deadline for the justification memorandum submissions will be November 1st.
- Following completion of the campus approval process, the Office of Academic Program Planning and Development will delete all active graduate-level courses not offered in 10 or more years, except for those courses approved for retention.
- This policy will be reviewed by the GCC every fifth year, following implementation in 2015.

VII. New Business

None

Marked Catalog Copy:

III. College of Nursing

<http://www.ecu.edu/cs-acad/grcat/programNURS.cfm>

College of Nursing

Sylvia Brown, Dean, 4205L Health Sciences Building

Martha Engelke, Associate Dean for Research and Scholarship, 4210C Health Sciences Building

[*Jana Pressler, Associate Dean, Graduate Studies, 3166A Health Sciences Building*](#)

[*Kathy Sitzman, Associate Dean, Undergraduate Studies, 3166F Health Sciences Building*](#)

Alta Andrews, Director for Community Partnerships and Practice, 4205H Health Sciences Building

Marie E. Pokorny, PhD Director, 4165S Health Sciences Building

[*Mary Ann Rose, Chair, Graduate Nursing Science, 3164D Health Sciences Building*](#)

Master of Science in Nursing

The master of science in nursing program prepares graduates for advanced practice nursing and for leadership roles in a variety of community based or acute care provider agencies. The MSN program offers eight concentrations:

Adult-Gerontology Nurse Practitioner (online)

Clinical Nurse Specialist in Adult Health (online)

Family Nurse Practitioner (online)

Neonatal Nurse Practitioner (online)

Nurse Anesthesia

Nurse Midwifery (online)

NURSNursing Education (online)

Nursing Leadership (online)

Part-time study is available. Certificate programs are available for post-master's study in selected areas. The program is accredited by the National League for Nursing Accrediting Commission, 61 Broadway, New York, NY 10006; telephone 212-363-5555.

The nurse midwifery concentration is also accredited by the Accreditation Commission for Midwifery Education (ACME) formerly called the American College of Nurse-Midwives, Division of Accreditation, 8403 Colesville Road, Suite 1550, Silver Spring, MD 20910; phone 240-485-1802, fax 240-485-1818.

The nurse anesthesia program is accredited by the Council on Accreditation of Nurse Anesthesia Educational Programs, 222 South Prospect Avenue, Park Ridge, IL 60068; telephone 847-692-7050.

A RN/MSN option is available for registered nurses who do not have a baccalaureate degree in nursing.

The Alternate Entry (AE) MSN option is a plan of study leading to the MSN degree for individuals who have earned a baccalaureate degree in another field. The program is divided into 2 phases: Phase I (Pre licensure) includes graduate courses that include content and experiences that are required to take the Registered Nurse Licensure examination (NCLEX-RN) and preparation for advanced study in nursing. Phase I only begins in fall semesters and full-time enrollment is required. Successful completion of the NCLEX-RN and licensure as a Registered Nurse is required prior to entering Phase II clinical concentration courses. Students may enroll in core classes during the first semester of Phase II, while obtaining credentials. Phase II will include courses in a selected clinical concentration.

Admission

Admission to the master of science in nursing degree program requires the student to meet the minimum admission requirements for graduate study as established by the university and the following requirements established by the College of Nursing.

A baccalaureate degree in nursing from an accredited program

A minimum GPA of 2.7 in undergraduate studies and a minimum GPA of 3.0 in nursing major

Acceptable score on the Graduate Record

Examinations (GRE) or Miller Analogies Test (MAT) within the past five years (GRE score required for nurse anesthesia and nurse midwifery concentration applicants.)

Currently hold a nonrestricted license to practice as a registered nurse (RN) in North Carolina or a NCSBN compact state (The out-of-state student must procure a North Carolina RN license before enrolling in clinical courses.)

A statement describing the applicant's interest in graduate study, career goals, and the MSN degree's relationship to those goals

Three professional references

A personal interview with a member of the graduate faculty

Due to the high demand of courses by our enrolled MSN students, the College of Nursing will not enroll nondegree graduate students at this time. Prospective students are encouraged to apply for full admission as soon as possible in order to be eligible for all College of Nursing course offerings.

Applicants for the nurse midwifery concentration, in addition to the general admission criteria, must have one year RN experience (labor and delivery preferred), demonstrate a commitment to practice with under-served populations, and one of the references should be from a health care provider knowledgeable about the applicant's nursing practice.

Applicants for the family nurse practitioner and adult-gerontology nurse practitioner concentrations, in addition to the general admission criteria, must have one year RN experience and provide a third reference from a health care provider knowledgeable about the applicant's nursing practice. The application deadline for both concentrations is January 2.

Applicants for the nurse anesthesia concentration, in addition to the general admission criteria, must have one-year adult critical care experience, completion of a supplemental nurse anesthesia admissions packet, a total of five professional references (two on forms provided in nurse anesthesia admissions packet), and an interview with the Nurse Anesthesia Admissions Committee. The application deadline for the nurse anesthesia concentration is May 31.

Applicants for the clinical nurse specialist concentration, in addition to the general admission criteria, must have one year of current practice experience and provide a third reference from a health care provider knowledgeable about the applicant's nursing practice.

Completed applications for the clinical nurse specialist concentration will be considered for fall and spring admission. Applications must be received by October 1 for spring, June 1 for fall.

Applicants for the neonatal nurse practitioner concentration, in addition to the general admission criteria, must have two years of current practice experience in a critical-care environment for high risk neonatal care RN experience and provide a third reference from a health care provider knowledgeable about the applicant's nursing practice.

Applicants may take core courses while gaining the required RN experience for admission into selected concentrations.

Applicants for admission to the (AE) MSN option must meet general admission requirements with the exception of a valid RN license and baccalaureate degree in nursing. Applicants must have a baccalaureate degree in another field. Additional requirements include:

Completion of prerequisite courses – chemistry, human anatomy and physiology, microbiology, human growth and development, nutrition, ethics, and statistics.

A minimum 3.0 GPA in undergraduate major

Current nonrestricted license to practice as a RN in NC or a NCSBN compact state prior to entering Phase II clinical concentration courses.

Application deadline for the (AE) MSN option is December 1.

Completed applications will be considered as they are received, with the exception of nurse anesthesia, family nurse practitioner, adult nurse practitioner, clinical nurse specialist, and the alternate entry master of science in nursing option.

Applicants for the nursing education, nursing leadership, and clinical nurse specialist concentrations must have a minimum of one year RN experience prior to enrolling in specialty courses.

Applicants for the nursing leadership concentration, in addition to the general admission criteria, must provide a third reference from a health care provider knowledgeable about the applicant's nursing practice.

Applicants for admission to the RN/MSN option will be evaluated using the following criteria.

- a minimum 3.0 GPA in undergraduate studies and a minimum 3.0 GPA in the nursing major in the previous nursing program

- one year RN experience

- an acceptable score on the GRE or the MAT within the past five years

- current nonrestricted license to practice as a RN in North Carolina or a NCSBN compact state

- a statement describing the applicant's interest in graduate study, career goals, and the MSN degree's relationship to those goals

- three professional references

- a personal interview with the director of RN/BSN studies and a member of the College of Nursing graduate faculty

Program Prerequisites

A course in statistics with a grade of C or higher and basic computer skills with both applications software and the Internet are prerequisites for all concentrations. A course in basic accounting is a prerequisite for the nursing leadership concentration.

Students in the (AE) MSN option must complete all cognate requirements prior to beginning the program. Admission to the (AE) MSN option does not guarantee entry into a specific graduate concentration.

Students in the RN/MSN option must complete all general education and cognate requirements prior to beginning undergraduate nursing courses. Separate application is made to the graduate program in the first or second semester of study in the RN/MSN option. Students enrolled in the RN/MSN option must maintain a 3.0 GPA in the 15 s.h. of undergraduate nursing courses to be eligible to continue in this option. Admission to the RN/MSN option does not guarantee entry into a specific graduate concentration.

Degree Requirements

Depending upon the concentration area chosen within the degree program, the master of science in nursing requires ~~36-68~~ 37-69 s.h. ~~credit~~ as follows. Concentrations are clustered as administrative, clinical, and education.

Administrative:

Nursing Leadership – Acute Care Health Systems, ~~41~~ 42 s.h.

Nursing Leadership – Community Based Health Systems, ~~41~~ 42 s.h.

Nursing Leadership – Educational Systems, ~~41-42~~ s.h.

Clinical:

Adult-Gerontology Nurse Practitioner, ~~46~~ 47 s.h.

Clinical Nurse Specialist in Adult Health, ~~42~~ 43 s.h.

Family Nurse Practitioner, ~~50-51~~ s.h.

Neonatal Nurse Practitioner, ~~41~~ 42 s.h.

Nurse Anesthesia, ~~68-69~~ s.h.

Nurse Midwifery, ~~50-51~~ s.h.

Education:

Nursing Education, ~~36-37~~ s.h.

Requirements:

Common core: NURS ~~6001, 6002, 6991, 6992,~~ 6080, 6081, 6082, 6083,
6993 - ~~12~~ 13 s.h.

Cluster core (Choose appropriate cluster for concentration.) - 9-20 s.h.

Adult-Gerontology Nurse Practitioner (9 s.h.): NURS 6050, 6610, 6611

Clinical Nurse Specialist in Adult Health (12 s.h.): NURS 6050, 6208, 6610,
6611

Family Nurse Practitioner (9 s.h.): NURS 6050, 6610, 6611

Neonatal Nurse Practitioner (9 s.h.): NURS 6417, 6418, 6419

Nurse Anesthesia (20 s.h.): NURS 6610, 6810, 6811, 6813; PTHE 8008

Nurse Midwifery (9 s.h.): NURS 6050, 6610, 6611

Nursing Education (9 s.h.): NURS 6050, 6610, 6611

Nursing Leadership: NURS (10 s.h.) NURS 6971, 6973, 6974, 6986

Concentration area (Choose one area.) - 15-36 s.h.

Administrative (19 s.h.):

Nursing Leadership – Acute Care Health Systems (19 s.h.): NURS 6977, 6978, 6983, 6984, 6985, 3 s.h. electives

Nursing Leadership – Community Based Health Systems (19 s.h.): NURS 6310, 6311, 6977, 6978, 6983, 6984

Nursing Leadership – Educational Health Systems (19 s.h.): NURS 6903, 6904, 6909, 6977, 6978, 6983

Clinical (18-36 s.h.):

Adult-Gerontology Nurse Practitioner (25 s.h.) 6612, 6613, 6614, 6615, 6618, 6621, 6622, 6623

Clinical Nurse Specialist in Adult Health (18 s.h.): NURS 6958, 6959, 6960, 6961, 6962; 3 s.h. elective clinical specialty courses

Family Nurse Practitioner (29 s.h.): NURS 6612, 6613, 6614, 6615, 6616, 6617, 6618, 6619, 6620

Neonatal Nurse Practitioner (20 s.h.): NURS 6420, 6421, 6422, 6423, 6424, 6425

Nurse Anesthesia (36 s.h.): NURS 6805, 6806, 6812, 6814, 6815, 6816, 6817, 6818, 6819, 6820, 6821, 6822, 6823, 6824

Nurse Midwifery (29 s.h.): NURS 6109, 6110, 6112, 6113, 6115, 6116, 6117, 6118, 6119

Nursing Education (15 s.h.): NURS 6903, 6904, 6905; 6909; 3 s.h. elective or cognate

Students in the Nursing Education concentration who have limited teaching experience may be required to take NURS 6908.

Students in the Nursing Leadership concentration who have limited finance experience may be required to take NURS 6987.

Enrollment is necessary for continued research advisement. A comprehensive assessment is required for graduation for all MSN degree-seeking students.

Students in the RN/MSN option must complete the following undergraduate courses prior to enrolling in any graduate nursing courses–NURS 3020, 3021, 3510, 3900, 4210, 4211.

Post MSN Certificate Programs

Eight post-MSN certificate options (adult-gerontology nurse practitioner, clinical

nurse specialist, family nurse practitioner, neonatal nurse practitioner, nurse-anesthesia, nurse midwifery, nursing leadership and nursing education) offer advanced practice education, qualifying those who complete the clinical options to take national certification exams. In addition, the nursing education post-master's certificate prepares nurses for beginning teaching roles in nursing education.

Admission Requirements

A master's degree in nursing from an accredited program

A current non-restricted license to practice as a registered nurse (RN) in North Carolina or an NCSBN compact state. Individual advisement will be necessary for licensure regulations for online out-of-state students.

A personal statement describing the applicant's interest in graduate study, career goals, and the certificate's relationship to those goals.

Three professional references with one reference from an individual who is knowledgeable of the applicant's nursing practice

One year clinical experience as an RN

A personal interview with a member of the graduate faculty

Applicants for the nurse midwifery post-master's certificate, in addition to the general admission criteria, must have one year RN experience (labor and delivery preferred).

Applicants for the nurse anesthesia post-master's certificate, in addition to the general admission criteria, must have one year adult critical care experience as a RN, completion of a supplemental nurse anesthesia admission packet, a total of five professional references (two on forms provided in the nurse anesthesia admissions packet) and an interview with Nurse Anesthesia Admissions Committee. Courses in physiology and chemistry/biochemistry within five years are highly recommended. Acceptable score on GRE within past 5 years (GRE required).

Applicants for the neonatal post-master's certificate, in addition to the general admission criteria, must have two years of current practice experience as a RN in a critical care environment for high-risk neonatal care.

Applicants for the clinical nurse specialist post master's certificate, in addition to the general admission criteria, must have one year RN experience.

Applicants for the post-master's certificate options in adult nurse practitioner, clinical nurse specialist, family nurse practitioner, neonatal nurse practitioner, and nurse midwifery must have had graduate level courses in pathophysiology (reproductive physiology is an additional requirement for nurse midwifery), health assessment and pharmacology within the past five years or approval by the concentration director; otherwise, students will be required to take these courses as part of the post-master's certificate requirement.

Adult-Gerontology Nurse Practitioner: - 10-33 s.h.

NURS 6621,6622,6623. Depending on student's needs and past education, additional course work from the following may be required: NURS 6050, 6610, 6611, 6612, 6613, 6614, 6615, 6618, or equivalent clinical courses.

Clinical Nurse Specialist: - 12-30 s.h.

NURS 6958, 6959, 6960, 6961, 6962. Depending on student's needs and past education, additional course work from the following may be required: NURS 6050, 6208, 6610, 6611, 6214, 6224 or equivalent clinical courses.

Family Nurse Practitioner: - 15-38 s.h.

NURS 6616, 6617, 6619, 6620. Depending on student's needs and past education, additional course work from the following may be required: NURS 6050, 6610, 6611, 6612, 6613, 6614, 6615, 6618.

Neonatal Nurse Practitioner: - 20-29 s.h.

NURS 6420, 6421, 6422, 6423, 6424, 6425. Depending on student's needs and past education, additional course work from the following may be required: NURS 6417, 6418, 6419.

Nurse Anesthesia: - 56 s.h.

NURS 6610, 6805, 6806, 6810, 6811, 6812, 6813, 6814, 6815, 6816, 6817, 6818, 6819, 6820, 6821, 6822, 6823, 6824; PTHE 7002.

Nurse Leadership: - 19-25 s.h.

Acute Care Health Systems: NURS 6971, 6984, 6973, 6974*, 6977**, 6983, 6985, 6986, 6987**

Community Based Health Systems: NURS 6310, 6311, 6971, 6973, 6974*, 6977**, 6983, 6986, 6987**

Educational Health Systems: NURS 6903, 6904, 6909, 6973, 6974*, 6977**, 6983, 6986, 6987**

*If less than two years leadership experience in the focus area NURS 6977 will be required.

**If less than 2 years of financial experience NURS 6987 will be required.

Nurse Midwifery: - 22-38 s.h. Post Master's Certificate

NURS 6109, 6113, 6115, 6116, 6117, 6118. Depending on student's needs and past education, additional course work from the following may be required: NURS 6050, 6110, 6112, 6119, 6610, 6611.

Nursing Education: - 12-15 s.h.

NURS 6903, 6904, 6905, 6909. Depending on student's needs, past education, and teaching experience, additional course work from the following may be required: NURS 6908.

Doctor of Philosophy in Nursing

The doctor of philosophy in nursing prepares nurse researchers and scholars to explore, develop, and move forward the scientific bases of nursing practice and education. Students are prepared to conduct research in the domains of nursing science. The curriculum is enriched through cognate study in the social, behavioral, and biological sciences; interdisciplinary research; and the integration of technology in program delivery. Dissertation research prepares graduates to contribute discoveries to the body of nursing and health care knowledge. The location and mission of the ~~school~~ [College of Nursing](#) as well as the expertise of the faculty provide a unique opportunity for the discovery of knowledge related to nursing and health issues in rural underserved areas. Upon graduation, students are prepared to assume leadership positions as researchers, administrators in public and private health care organizations, policy makers and analysts, and university faculty.

The BSN to PhD option is a plan of study leading to the PhD degree. This graduate level option blends the doctoral curriculum with two different MSN concentrations – the nursing education concentration or the nursing leadership concentration. It reduces the number of master’s level courses required in the traditional MSN program and facilitates completion of the PhD in Nursing.

Admission Requirements

Satisfactory performance on the Graduate Record Exam (GRE) within five years prior to admission.

Written statement of personal career, educational, and scholarship goals.

Three written professional references from individuals with expertise to comment on the applicant’s capability for research and scholarship (for example, university professors, employers). At least one of the references must be from a doctorally-prepared nurse.

A master’s degree in nursing from an accredited school. (Applicants without a MSN must have a BSN from an accredited program.) See below for details on the BSN to PhD admission requirements.

[Minimum g](#)Grade-point average of 3.2 on a 4.0 scale on all graduate work.

Evidence of current unrestricted license to practice as a nurse in North Carolina or a NCSBN compact state. Students on foreign student visas must present evidence of professional standing in their respective countries.

Satisfactory performance on Test of English as a Foreign Language (TOEFL) where English is not the first language.

Computer competency, with proficiency in basic software. The school requires that all students use e-mail and World Wide Web access for communication and course work.

A graduate statistics course which included inferential statistics.

A current curriculum vita.

A representative example of scholarly work done by the applicant.

A personal interview with two members of the Graduate Faculty to include a discussion of congruence between the students research interests/career goals and the expertise and research of faculty.

Applicants for admission to the BSN to PhD option must meet general admission requirements for the PhD program. Additional requirements include:

Minimum GPA of 3.3 and no grade below B on all previous coursework.

BSN from an accredited nursing program.

Recommendation of the Director for the MSN concentration selected and the PhD Program Director.

Completion of at least two calendar years of full time employment experience or the equivalent in clinical nursing practice as a registered nurse prior to entering the doctoral program of study.

A graduate statistics course which includes inferential statistics prior to enrolling in doctoral courses.

Application

The PhD in nursing program admits 6-8 students each year. Applications for study to begin in the fall semester will be accepted until March 1 or until seats are filled. BSN to PhD applications for spring semester are due September 1 or until seats are filled. Applicants are expected to ensure that the Graduate School and the College of Nursing receive all supporting credentials by the final filing date. Applicants are evaluated in five areas: GPA, GRE, references, essay, and interview. Completed applications are considered as they are received. All completed applications received by the final filing date will be given careful consideration. Interviews are conducted as completed applications are received. Each applicant will be notified in writing of the admission decision after the admission process is completed.

Preference is given to those who demonstrate a capacity for creative inquiry, critical thinking, scholarship, and leadership. In the case of equally qualified applicants, preference will be given to individuals who intend to pursue doctoral study on a fulltime basis. Students will be assigned an academic advisor at the time of admission. All admitted PhD students are required to attend a College of Nursing orientation session in August.

Degree Requirements

Students are required to complete a minimum of 56 semester hours beyond the master's degree (includes a minimum of 6 s.h. for dissertation) with the exception of BSN to PhD students who are required to complete between 74 and 80 semester hours. As in other research-focused programs of doctoral study, students in this program may expect to enroll in more than the minimum required credit hours and to be aware that study opportunities that focus on particular areas of study are in addition to the basic program requirements. Additional study is individualized and depends on the student's background and graduate preparation as well as the employment role identified as a career focus.

This program of study enrolls both full- and part-time students. Since enrollments in doctoral programs tend to be small, students need to closely adhere to the plan of study, as courses are offered once a year. To deviate from the plan of study will mean a delay of one or more semesters before course enrollment is again possible.

BSN to PhD Nursing Education Course Requirements:

Nursing Education Concentration Courses: NURS ~~6001, 6002, 6080, 6081, 6082, 6083~~, 6903, 6904, 6905, 6909, ~~6991, 6992, 6993~~, Graduate Statistics - ~~26~~ 24 s.h.

PhD in Nursing Core: NURS 7004, 8200, 8201, 8202, 8203, 8220, 8225, 8226, 8227, 8235, 8240, 8241, 8255 (6 s.h. minimum), 8260, 8265, 9000 (6 s.h. minimum) - 47 s.h.
TOTAL - ~~73~~ 71 s.h.

BSN to PhD Nursing Leadership Course Requirements:

Nursing Leadership Concentration Courses: NURS ~~6001, 6002, 6080, 6081, 6082, 6083, 6610, 6620, 6991, 6992, 6993~~ or COHE ~~6000, 6971~~, Graduate Statistics, ~~6973, 6974, 6978, 6983, 6986~~ - ~~26~~ 29 s.h.

PhD in Nursing Core: NURS 7004, 8200, 8201, 8202, 8203, 8220, 8225, 8226, 8227, 8235, 8240, 8241, 8255 (6 s.h. minimum), 8260, 8265, 9000 (6 s.h. minimum) - 47 s.h.

TOTAL - ~~74~~ 76 s.h.

PhD in Nursing Requirements:

Core Courses: NURS 7004, 8200, 8201, 8202, 8203, 8220, 8225, 8226, 8227, 8235, 8240, 8241, 8255 (6 s.h. minimum), 8260, 8265, 9000 (6 s.h. minimum) - 47 s.h.

Elective Courses - 9-12 s.h.

TOTAL - 56 s.h.

Transfer Credit

Graduate credits earned at other institutions may be accepted in partial fulfillment of the requirements for the doctoral program. Courses offered for transfer credit will be evaluated individually relative to Graduate School requirements, program requirements, and the student's plan of study. Please refer to the Graduate School Transfer Credits Policy located at <http://www.ecu.edu/cs-acad/grcat/regulations.cfm#transfer>.

~~Graduate credits earned at other institutions may be accepted in partial fulfillment of the requirements for the doctoral program. Courses offered for transfer credit will be evaluated individually relative to Graduate School requirements, program requirements, and the student's plan of study. Transfer of~~

~~more than 9 s.h. credit from another institution must be approved prior to admission. After admission, twenty percent of the courses may be completed at an approved university.~~

PhD students must complete at least five semesters in residence. Residency requirement must be completed prior to admission to candidacy.

Students must maintain a [minimum](#) grade point average of 3.0 (on a 4.0 scale) throughout the program. Academic progress will be evaluated at the end of each semester by the academic advisor, who is responsible for notifying the associate dean for graduate programs if a student's academic status is in jeopardy.

PhD students apply to take a candidacy examination upon completion of all required nursing courses with the exception of the dissertation. This examination must be successfully completed within five years of matriculation.

Students are required to conduct an original research project, which adds to the body of knowledge in nursing, and to communicate the research in a written dissertation and an oral defense of the dissertation within six years of admission. With endorsement of the dissertation committee and the associate dean for graduate programs, students may request one extension of not more than two semesters, summers included.

<http://www.ecu.edu/cs-acad/grcat/coursesNURS.cfm>

NURS: Nursing

~~**6001. Philosophical Perspectives and Theoretical Bases of Advanced Nursing Practice (3)**~~

~~P: Graduate status or consent of instructor. Examines philosophical perspectives, theories, and concepts from nursing and related fields that relate to advanced nursing practice.~~

~~**6002. Advanced Nursing Practice in Complex Health Care Organizations (3)**~~

~~P: Graduate status or consent of instructor. Examines political, legal, and economic influences on health care organizations, advanced nursing practice, and quality of care.~~

6006. Selected Topics (1,2,3)

May be repeated for a maximum of 6 s.h. P: Consent of instructor. Current issues and trends in nursing and health care.

6007. Health Appraisal of Individuals, Families, and Communities (6)

P: Admission to alternate entry MSN: Phase I pre-licensure. Provides knowledge and skills to conduct a comprehensive, holistic, and theory-based health appraisal of individuals within context of families and communities.

6008. Professional Nursing Foundations (6)

P: Admission to alternate entry MSN: Phase I pre licensure program in nursing. Provides knowledge and skills related to physiological challenges, including principles of pharmacological and nursing interventions.

6013. Dimensions of Professional Nursing Practice (3)

P: Admission to alternate entry MSN: Phase I or consent of instructor. Considers historical and contemporary issues affecting theoretical, philosophical, and scientific basis of professional nursing practice.

6016. Comprehensive Care of Individuals Experiencing Alterations In Health I (7)

P: NURS 6007, 6008, 6013, or consent of instructor. Provides theoretical foundations and clinical experiences in providing nursing care to individuals experiencing selected alterations in health throughout life span.

6017. Comprehensive Care of Individuals Experiencing Alteration In Health II (7)

P: NURS 6016 or consent of instructor. Provides theoretical foundations and clinical experiences in providing nursing care to individuals experiencing selected alterations in health throughout life span.

6018. Clinical Capstone (5)

P: NURS 6017. Directed nursing practice in identified area of interest based on application of previous learning.

6019. Leadership and Community Service Learning (5)

P: NURS 6018 or consent of instructor. Integrates principles of nursing leadership/management and population focused community health nursing, including service learning experience.

6024. Simulation in Nursing Education (3)

P: NURS 6904 or consent of instructor. Introduces the use of human and virtual patient simulation as an instructional strategy in nursing education.

6035. Interdisciplinary Rural Health (3)

Theoretical base and skills for interdisciplinary rural health practice.

6050. Human Physiology and Pathophysiology for Advanced Nursing Practice (3)

P: Admission to NURS graduate program or consent of instructor. In-depth analysis of normal physiological processes across life span. Focus on pathophysiology and critical analysis for student's area of study. Emphasis on correlation of concepts with clinical manifestations.

6070. Globalization and Health Care (3)

Exploration of interdisciplinary issues, activities and impact of globalization on world health.

[6080. Theory for the Practice of Advanced Nursing \(3\) Formerly NURS 6001](#)

[P: Graduate status or consent of instructor. Analyzes theories and models from relevant sciences as a foundation to understanding research, practice, and scholarship in nursing.](#)

[6081. Research for the Practice of Advanced Nursing \(3\) Formerly NURS 6991](#)

[P: Graduate status or consent of instructor. Provides the research methodology and interpretation for clinical and organizational decision-making.](#)

[6082. Influencing Healthcare Quality, Safety, and Policy \(3\) Formerly NURS 6002](#)

[P: Graduate status or consent of instructor. Safety, quality, and policy are analyzed within the context of advanced nursing practice.](#)

[6083. Healthcare, Finance, and Economics \(3\)](#)

[P: Graduate status or consent of instructor. Explores the interprofessional organization, economics of healthcare, and the business and financial skills needed for advanced practice.](#)

6109. Introductory Nurse Midwifery Professional Roles and Issues (2)

Historical, theoretical, and scientific foundations of nurse midwifery.

6110. Reproductive Physiology (2)

P: NURS 6050 or consent of instructor. Underlying biologic principles and concepts related to human reproductive cycle, genetics, maternal-fetal-placental unit, and neonate.

6112. Nurse-Midwifery Management: Well Women Care (3)

P: NURS 6110; admission to nurse-midwifery concentration. Focuses on American College of Nurse Midwives (ACNM) core competencies for promoting health in essentially healthy women. Supervised on-site practicum by clinical preceptor.

6113. Nurse-Midwifery Management: Antepartal Care (4)

P: NURS 6110, 6112. Focuses on ACNM core competencies for promoting health in essentially healthy women and their families during the antepartal period including management of antepartal complications. Supervised on-site practicum by clinical preceptor.

6115. Nurse-Midwifery Management: Intrapartal Care (4)

C: NURS 6116. Focuses on ACNM core competencies for promoting health in essentially healthy women during labor and birth including management of intrapartal complications. Supervised on-site practicum by clinical preceptor.

6116. Nurse-Midwifery Management: Postpartal Care and Neonatal Care (3)

C: NURS 6115. Focuses on ACNM core competencies for promoting health in essentially healthy neonates and women during the puerperium, including management of postpartum and neonatal complications. Supervised on-site practicum by clinical preceptor.

6117. Nurse-Midwifery Management: Integration Practicum (7)

P: NURS 6115, 6116. Comprehensive nurse-midwifery management of neonates and healthy women throughout their lifespan.

6118. Integration of Nurse-Midwifery Professional Roles and Issues (2)

P: NURS 6115, 6116. Roles and responsibilities of professional nurse-midwifery.

6119. Nurse-Midwifery Management: Introduction to Primary Care for Well Women (2)

P/C: NURS 6610; admission to nurse-midwifery concentration. Focuses on American College of Nurse-Midwives (ACNM) core competencies for primary care in essentially healthy women. Supervised on-site practicum by clinical preceptor.

6208. Concepts of Health Promotion and Disease Prevention for Advanced Nursing Practice (3)

P: Admission to nursing graduate program or consent of instructor. Role of advanced practice nurse in health promotion and primary prevention.

6214. Chronic Health Problems: Concepts and Theories for Advanced Nursing Practice (3)

P: NURS 6001 and 6208 or consent of instructor. Focuses on knowledge, theory, and research relevant to chronically ill adults in acute care settings.

6224. Acute Health Problems: Concepts and Theories for Advanced Nursing Practice (3)

Focuses on knowledge, theory, and research relevant to adult clients experiencing acute health problems.

6310. Advanced Community Health Nursing I (3)

P: NURS 6001, 6002, 6991, or consent of instructor. Examines the role of the community health nurse leader in the application of program planning models to assess the health status of communities or populations and develop health care programs.

6311. Advanced Community Health Nursing II (3)

Examines the leadership role of the community health nurse in planning and directing the implementation and evaluation of interdisciplinary, community-based health care programs.

6417. Development Physiology for Advanced Neonatal and Pediatric (3)

P: Admission to NURS graduate program or consent of instructor. Developmental changes in morphological processes and normal and abnormal physiology in humans from conception through adolescence.

6418. Health Assessment for Advanced Nursing Practice of Neonatal and Pediatric Patients (3)

For advanced practice nurse. P: Admission to NURS graduate program or consent of instructor. Comprehensive assessment of neonatal and pediatric clients using diagnostic reasoning process.

6419. Clinical Pharmacology for Advanced Neonatal and Pediatric Nursing Practice (3)

P: Admission to NURS graduate program or consent of instructor. Pharmacological knowledge basic to assessment and management skills for advanced clinical nursing practice related to newborns and pediatric patients with common acute and chronic health problems.

6420. Advanced Neonatal Nursing: Research and Theory I (3)

P: NURS 6417, 6418. Focuses on management of the prenatal and postnatal environments, anticipated health problems experienced by infants and implications for the infants and their families.

6421. Advanced Neonatal Nursing Practicum I (2)

P/C: NURS 6420. Provides intensive neonatal clinical experiences for neonatal nurse practitioner students.

6422. Advanced Neonatal Nursing: Research and Theory II (3)

P: NURS 6420. Focuses on neonatal nurse practitioner management of disorders of organ systems.

6423. Advanced Neonatal Nursing Practicum II (4)

P/C: NURS 6422. Provides intensive clinical experiences for neonatal nurse practitioner students.

6424. Advanced Neonatal Nursing: Research and Theory III (3)

P: NURS 6422. Focuses on the integration of advanced knowledge to care for the infant and the family.

6425. Advanced Neonatal Nursing Practicum III (5)

P/C: NURS 6424. Provides intensive clinical experiences for neonatal nurse practitioner students.

6500. Independent Study in Nursing (1,2,3)

May be repeated for a maximum of 9 s.h. P: Consent of advisor. Nontraditional, faculty-approved projects relating to clinical and functional areas of study.

6610. Health Assessment for Advanced Nursing Practice (3)

P: Admission to NURS graduate program or consent of instructor. Advanced assessment, critical thinking, and decision-making skills essential to evaluation of health status, health risks, illnesses, and functional/dysfunctional health patterns of individuals and family members throughout life span.

6611. Clinical Pharmacology for Advanced Nursing Practice (3)

P: Admission to NURS graduate program or consent of instructor. In-depth presentation of pharmacologic principles to manage pharmacologic agents safely and effectively. Specialty labs address specific applications.

6612. Advanced Nursing Practice with Families in Primary Health Care (3)

P: Admission to FNP concentration or consent of concentration director. Advanced practice psycho social/cultural context for interpretation of family patterns and processes by using family systems theory.

6613. Advanced Nurse Practitioner Role Development (2)

P: Admission to FNP concentration; NURS 6614, 6615, 6616, 6617, 6618, or consent of instructor. Leadership role within health care delivery system, nursing profession, and society.

6614. Advanced Practice Nursing with Families: Primary Care of Adults (4)

P: Admission to FNP concentration; NURS 6610, 6611, or consent of concentration director. Theoretical, scientific, and contemporary knowledge base to provide a framework for assessment and management of primary health care needs of culturally diverse families with young and middle-aged adults.

6615. Adolescent and Adult Reproductive Healthcare (2)

P: Admission to ANP or FNP concentration; NURS 6610, 6611; C: NURS 6614 or consent of concentration director. Advanced theory and management related to reproductive health promotion, prevention of illness, and common acute episodic and stable chronic illnesses in culturally diverse populations.

6616. Advanced Practice Nursing with Families: Childbearing Clients (1)

P: Admission to FNP concentration; NURS 6614, 6615, or consent of concentration director. Theoretical, scientific, and contemporary knowledge base to provide a framework for assessment and management of primary health care needs of culturally diverse families with childbearing members.

6617. Advanced Practice Nursing with Families: Primary Care of Infants, Children, and Adolescents (4)

P: Admission to FNP concentration; NURS 6614, 6615, or consent of concentration director. Theoretical, scientific, and contemporary knowledge base to provide a framework for assessment and management of primary health care needs of culturally diverse families with infants, children and adolescents.

6618. Advanced Practice Nursing Practicum: Primary Care of Adults (4)

P: Admission to FNP concentration; P/C: NURS 6614, 6615, or consent of concentration director. Demonstrate competencies in provision health care to adult clients in culturally diverse families. Supervised on-site practicum by clinical preceptor.

6619. Advanced Practice Nursing Practicum: Primary Care of Childbearing and Childrearing Families (4)

P: Admission to FNP concentration; NURS 6614, 6615; P/C: NURS 6616, 6617, or consent of concentration director. Demonstrate competencies in provision of primary health care to culturally diverse, childbearing and childrearing families. Supervised on-site practicum by clinical preceptor.

6620. Advanced Practice Nursing Practicum: Synthesis in Primary Care of Families (5)

P: Admission to FNP concentration; NURS 6619 or consent of concentration director. Clinical synthesis experience across the lifespan for family nurse practitioner students. Supervised on-site practicum by clinical preceptor.

6621. Care of Older Adults (3)

P: NURS 6610, 6611, 6614, 6615, or consent of concentration director. Theoretical, scientific, and contemporary knowledge base to provide a framework for assessment and management of health care needs of culturally diverse, older adults with acute and/or chronic illness.

6622. Care of Older Adults with Acute and Chronic Illness Practicum (3)

P: NURS 6614, 6615, 6618; C: NURS 6621 or consent of concentration director. Demonstrates competencies in providing health care to culturally diverse, older adult clients with acute and chronic illnesses. Supervised on-site practicum by clinical preceptor.

6623. Specialty Care of Adults (4)

P: NURS 6622 or consent of concentration director. Demonstrates competencies in providing health care to culturally diverse, adult clients with complex illnesses in a selected population. Supervised on-site practicum by clinical preceptor.

6805. Advanced Pharmacology for Nurse Anesthesia I (3)

P: Admission to nurse anesthesia concentration; C: NURS 6813. Survey of pharmacodynamics, pharmacokinetics, adverse effects and pharmacotherapeutic principles of anesthesia, antimicrobial, antieoplastic, endocrine, and other therapeutic agents.

6806. Advanced Pharmacology for Nurse Anesthetists II (4)

P: NURS 6814, 6817; PTHE 7002; C: NURS 6811, 6819. Surveys pharmacodynamics, pharmacokinetics, adverse effects, and pharmacotherapeutic principles of drugs affecting the autonomic, cardiovascular, respiratory, renal, and central nervous systems.

6810. Human Physiology for Nurse Anesthetists (5)

P: Admission to nurse anesthesia concentration; C: NURS 6805, 6813. In-depth analysis of normal processes across the lifespan. Provides physiological basis for practice with emphasis on correlation of these concepts with clinical manifestations.

6811. Anesthesia Pharmacology (3)

P: NURS 6814, 6817; PTHE 7002; C: NURS 6806. Chemical and physical principles involved in administration of anesthesia, including uptake and distribution, and toxicology of anesthetic drugs and agents.

6812. Professional Aspects of Nurse Anesthesia (2)

P: NURS 6822, 6824; C: NURS 6823. Historic, legal, ethical, and international issues important to contemporary nurse anesthesia practice.

6813. Chemistry and Physics of Anesthesia (4)

P: Admission to nurse anesthesia concentration; C: NURS 6805. Aspects of chemistry, biochemistry, and physics applicable to human and mechanical systems involved in delivering safe anesthesia care.

6814. Basic Principles of Nurse Anesthesia (3)

P: Admission to nurse anesthesia concentration; NURS 6805, 6810; C: NURS 6717; PTHE 7002. Fundamentals of anesthesia practice, including basic techniques, procedures for administering anesthesia, assessment of patient status, and case management.

6815. Advanced Principles of Nurse Anesthesia I (2)

P: Admission to nurse anesthesia concentration; NURS 6806, 6811, 6819; C: NURS 6820. Anesthesia concepts for increasingly complex patients with alterations in one or more organ system. Includes

principles of increasingly advanced surgical and radiological procedures.

6816. Advanced Principles of Nurse Anesthesia II (2)

P: Admission to nurse anesthesia concentration; NURS 6815, 6820; C: NURS 6818, 6821. Advanced principles of cardiothoracic and vascular anesthesia, infection control, trauma anesthesia, and management of the patient with acute and chronic endocrine disease.

6817. Clinical Correlations I (1)

P: Admission to nurse anesthesia concentration; NURS 6805, 6810, 6813; C: NURS 6814; PTHE 7002. Links anesthesia-related information with specific topics in anatomy. Explores regional anesthesia.

6818. Clinical Correlations II (1)

P: Admission to the nurse anesthesia concentration; NURS 6815, 6820. Links research and advanced principles courses examining research in obstetrics, pediatrics, cardiothoracic and neurosurgical anesthesia.

6819. Clinical Practicum in Nurse Anesthesia I (1)

P: Admission to nurse anesthesia concentration; NURS 6814, 6817; C: NURS 6806, 6811. Introduces clinical practice in operating room environment, including basic skills such as monitoring, preoperative assessment, positioning, induction agents, and sequence and airway management.

6820. Clinical Practicum in Nurse Anesthesia II (3)

P: Admission to nurse anesthesia concentration; NURS 6806, 6811, 6819; C: NURS 6815. Defines physiological, pharmacological, and biochemical concepts in beginning application of anesthesia principles.

6821. Clinical Practicum in Nurse Anesthesia III (4)

P: Admission to nurse anesthesia concentration; NURS 6820; C: NURS 6816, 6818. Explores physiological, pharmacological, and biochemical concepts in complex clinical application of anesthesia principles.

6822. Clinical Practicum in Nurse Anesthesia IV (4)

P: Admission to nurse anesthesia concentration; NURS 6818, 6821; C: NURS 6824. Advanced clinical applications regarding anesthetic preparation, anesthesia equipment setup, airway management, anesthetic management, patient monitoring, and regional anesthesia.

6823. Clinical Practicum in Nurse Anesthesia V (4)

P: Admission to nurse anesthesia concentration; NURS 6822; C: NURS 6812. Advanced clinical practice utilizing all anesthesia principles to provide independent responsibility for patient care.

6824. Advanced Principles of Nurse Anesthesia III (2)

P: Admission to nurse anesthesia concentration; NURS 6816, 6818, 6821; C: NURS 6822. Advanced concepts of anesthetic management. Emphasis on renal, endocrine, pediatric, and obstetric cases, regional anesthesia, and chronic pain management.

6903. Curriculum Development in Nursing (3) Formerly NURS 6400

Foundations, principles, and contemporary issues related to curriculum development in nursing education.

6904. Educational Concepts, Theories, and Strategies in Nursing (3)

P/C: NURS 6903 or consent of instructor. Explores learning theories and educational strategies used by nurse educators.

6905. Nursing Education Role Practicum I (3)

P: NURS 6904 or consent of instructor; P/C: NURS 6909 or consent of instructor. Guided practicum with nurse educators in academic and health care settings.

6908. Nursing Education Role Practicum II (3)

P: NURS 6905 or consent of instructor. Collaborative implementation and evaluation of comprehensive educational project.

6909. Evaluation in Nursing Education (3)

P: NURS 6903 or consent of instructor; P/C: NURS 6904 or consent of instructor. Focuses on

evaluation of students, faculty, curricula, and programs in nursing education.

6958. Clinical Practice for the CNS Across the Adult Lifespan (3)

P: NURS 6001 or 6002 and at least one of the following: NURS 6050, 6610, 6611 or 6208; or consent of director of clinical nurse specialist concentration. Role of the CNS in adult through geriatric practice in various care settings.

6959. Clinical Nurse Specialist Theory and Role Development (3)

P: NURS 6958. Core competencies, essential characteristics, and the conceptual model guiding CNS practice.

6960. Clinical Nurse Specialist Practicum I (3)

P: NURS 6958, 6959 or consent of director of clinical nurse specialist concentration. Applies CNS knowledge and skills to specialty clinical practice. Supervised on-site practicum by clinical preceptor.

6961. Clinical Nurse Specialist Practicum II (3)

P: NURS 6959, 6960, or consent of faculty. Applies CNS knowledge and skills to specialty clinical practice. Supervised on-site practicum by clinical preceptor.

6962. Clinical Nurse Specialist Practicum III (3)

P: NURS 6959, 6960, 6961, or consent of faculty. Applies CNS knowledge and ~~skills~~ skills to specialty clinical practice. Students practice with increasing independence and with minimal consultation and collaboration with preceptor.

6971. Health Policy, Law, and Regulation (3) Same as COHE 6971 and PADM 6400

P/C: NURS 6001, 6002, 6983. Overview of health policy, law and regulation which relate to the delivery of health care in the United States.

6973. Management of Human Resources and Professional Relationships in Health Systems (3)

P/C: NURS 6001, 6002, or consent of instructor. Focuses on the theoretical, legal/ethical, and practical dimensions of human resources management in health systems.

6974. Financial Management and Decision-making in Nursing Leadership (3)

P/C: NURS 6992 or consent of instructor. Focuses on practical applications of financial concepts in making nursing decisions and accomplishing service delivery goals in the current health system.

6977. Nursing Leadership Practicum I (3)

P/C: NURS 6983, 6992, or consent of instructor. Application of organizational and administrative theory, ethics, and clinical service and outcome management concepts within nursing and health systems.

6978. Nursing Leadership Practicum II (4)

P/C: NURS 6977 or consent of instructor. Application of organizational and administrative theory within nursing and health systems in a selected focus area.

6983. Administrative and Organizational Theory and Ethics: Applications in Nursing and Health Systems (3)

P/C: NURS 6001, 6002, 6986, or consent of instructor. Examines organizational, administrative, and ethical theory that relate to the leadership of nursing and health systems.

6984. Informatics for Advanced Nursing Practice (3)

Application of informatics systems to practice, research, education, and administration of nursing.

6984. Informatics for Advanced Nursing Practice (3)

Application of informatics systems to practice, research, education, and administration of nursing.

6985. Management of Clinical Services Delivery and Outcomes (3)

P/C: NURS 6001, 6002, 6992, or consent of the instructor. Explores the elements of nursing leadership in health systems essential to planning, organizing, staffing, directing, and evaluating patient care delivery outcomes.

6986. Analytical Foundations of Nursing Leadership (1)

P: Admission to the MSN or consent of instructor. Examines the process, theories and principles of leadership; analyzes student leadership strengths and challenges through self-evaluation and team

reflection.

6987. Budgeting and Decision Making in Healthcare (3)

P: Admission to the MSN or consent of instructor. Practical skills in budgeting.

~~**6991. Research Methods for Advanced Nursing (3) Formerly NURS 6994**~~

~~P: Graduate student status or consent of instructor. Research methods and design as basis for clinical and organizational decision making and scientific inquiry. Quantitative and qualitative research methodology and development of biopsychosocial approaches to study of phenomena.~~

~~**6992. Research Utilization Seminar (2) Formerly NURS 6003**~~

~~P: NURS 6001, 6002, 6991. Focuses on knowledge and skill competencies basic to use of research findings in advanced nursing practice.~~

6993. Advanced Nursing Synthesis (1)

P: Consent of graduate advisor. Seminar for synthesis of graduate nursing concepts.

7000. Thesis (1-6)

May be repeated. May count maximum of 3 s.h.

7001. Thesis: Summer Research (1)

May be repeated. No credit may count toward degree. Students conducting thesis research may only register for this course during the summer.

7003. Health Disparities/Inequities Research (3)

P: Admission to the PhD in nursing program or consent of instructor. Exploration and design of strategies to address health disparities/inequities.

7004. Research Ethics for a Complex World (2) Same as HUMS 7004 and GRAD 7004

Concerned with issues associated with scientific research, institutional responsibilities of scientists and critical skills for evaluation of ethical aspects of research.

7100. Qualitative Research: Analysis and Interpretation (3) Same as HLTH 7100, OCCT 7100

P: NURS 8235 or consent of instructor. Application and evaluation of qualitative research design and methods, including data collection, management, and analysis approaches, and the art and science of interpretation.

7270. Introduction to Historical Nursing Research (3)

Uses historical analysis to understand development of nursing.

7271. Complementary and Alternative Therapies in Nursing Practice (3)

P: Consent of chair. Evaluates the integration of complementary and alternative therapies into nursing care.

7272. American Nursing Traditions of the Eighteenth and Nineteenth Centuries (3)

Nursing history and traditions, with a focus on the art of constructing caring communities, and the science of creating healing environments.

7440. Current Issues in Nursing Leadership (3)

P: Graduate admission. Integration of leadership principles through in-depth exploration of current issues in community health.

7445. Board Involvement of Nurse Leaders (3)

P: Admission to the graduate program or consent of instructor. Focus on skills, roles, liability, and responsibilities of serving on health care governing boards.

8006. Selected Topics (1,2,3)

May be repeated for a maximum of 6 s.h. P: Consent of program director. Current issues in nursing science and nurse scientist roles.

8200. Grant Writing for Nursing Research (3)

P: NURS 8235 and 8240 or consent of program director. Research training, grantsmanship principles and skills in order to compete successfully for grant funding specific to nursing science.

8201. Seminar in Research Agendas (1)

P: Admission to the PhD in nursing program or consent of program director. Forum for discussion among faculty, students, and invited guests relevant to national and international nursing research

agendas.

8202. Seminar in Interprofessional Research (1)

P: Admission to the PhD in nursing program or consent of program director. Forum for discussion among faculty, students, and invited guests relevant to interprofessional research collaboration.

8203. Seminar in Research Dissemination (1)

P: Admission to the PhD in nursing program or consent of program director. Forum for discussion between faculty, students, and invited guests relevant to the role of disseminating research.

8220. Philosophy of Science (3)

P: Admission to the PhD in nursing program or consent of program director. Examines nature and evolution of philosophic bases of nursing science and practice.

8225. Development of Nursing Knowledge (3)

P: NURS 8220 or consent of program director. Relationship of theory to the design and interpretation of research.

8226. Statistical Methods for Nursing Research I (3)

P: Admission to the PhD in nursing program or consent of program director. Use of statistics in research to describe data, test relationships, and predict outcomes.

8227. Statistical Methods for Nursing Research II (3)

P: NURS 8226 or consent of program director. Use and interpretation of multivariate statistical methods in experimental and nonexperimental research.

8235. Qualitative Methods (3)

P: NURS 8225 or consent of program director. Considers assumptions, principles, methods, and outcomes through analysis of variety of qualitative approaches to research.

8240. Quantitative Methods (3)

P: NURS 8227 or consent of program director. Quantitative methods and research designs used in nursing research.

8241. Instrumentation and Measurement (3)

P: NURS 8240 or consent of program director. Process and underlying theory of designing, testing, and using measurement instruments.

8255. Directed Research (1,2,3)

Minimum of 6 s.h. is required. P: NURS 8235 and/or NURS 8240 or consent of program director. Mentorship and interdisciplinary research experience under guidance of nursing faculty.

8260. State of Nursing Science (3)

P: NURS 8235 and 8240 or consent of program director. Focuses on selected domains of knowledge relevant to clinical nursing science.

8265. Evolving Nurse Scientist (3)

P: NURS 8260 or consent of program director. Synthesis of knowledge on the evolving role of the nurse scientist in relation to translational science, team science, public policy, and global dissemination of nursing research.

8500. Independent Study (1-3)

May be repeated. May count a maximum of 6 s.h. P: Consent of instructor. Independent exploration of area(s) of interest in nursing science.

9000. Dissertation Research (3-12)

May be repeated. Minimum of 6 s.h. required; maximum of 12 s.h. may count. P: Successful completion of candidacy examination. Original research investigation on a significant aspect of nursing science.

9001. Dissertation: Summer Research (1)

May be repeated. No credit may count toward degree. Students conducting dissertation research may only register for this course during the summer.

III. College of Nursing, Doctor of Nursing Practice

<http://www.ecu.edu/cs-acad/grcat/programNURS.cfm>

College of Nursing

Sylvia Brown, Dean, 4205L Health Sciences Building

Martha Engelke, Associate Dean for Research and Scholarship, 4210C Health Sciences Building

Alta Andrews, Director for Community Partnerships and Practice, 4205H Health Sciences Building

Marie E. Pokorny, PhD Director, 4165S Health Sciences Building

Mary Ann Rose, Interim Associate Dean, Undergraduate Studies, 3166F Health Sciences Building

Carol Winters-Moorhead, Acting Chair, Department of Graduate Nursing Science, 3164 Health Sciences Building

Master of Science in Nursing

The master of science in nursing program prepares graduates for advanced practice nursing and for leadership roles in a variety of community based or acute care provider agencies. The MSN program offers eight concentrations:

- Adult-Gerontology Nurse Practitioner (online)
- Clinical Nurse Specialist in Adult Health (online)
- Family Nurse Practitioner (online)
- Neonatal Nurse Practitioner (online)
- Nurse Anesthesia
- Nurse Midwifery (online)
- Nursing Education (online)
- Nursing Leadership (online)

Part-time study is available. Certificate programs are available for post-master's study in selected areas. The program is accredited by the National League for Nursing Accrediting Commission, 61 Broadway, New York, NY 10006; telephone 212-363-5555.

The nurse midwifery concentration is also accredited by the Accreditation Commission for Midwifery Education (ACME) formerly called the American College of Nurse-Midwives, Division of Accreditation, 8403 Colesville Road, Suite 1550, Silver Spring, MD 20910; phone 240-485-1802, fax 240-485-1818.

The nurse anesthesia program is accredited by the Council on Accreditation of Nurse Anesthesia Educational Programs, 222 South Prospect Avenue, Park Ridge, IL 60068; telephone 847-692-7050.

A RN/MSN option is available for registered nurses who do not have a baccalaureate degree in nursing.

The Alternate Entry (AE) MSN option is a plan of study leading to the MSN degree for individuals who have earned a baccalaureate degree in another field. The program is divided into 2 phases: Phase I (Pre licensure) includes graduate courses that include content and experiences that are required to take the Registered Nurse Licensure examination (NCLEX-RN) and preparation for advanced study in

nursing. Phase I only begins in fall semesters and full-time enrollment is required. Successful completion of the NCLEX-RN and licensure as a Registered Nurse is required prior to entering Phase II clinical concentration courses. Students may enroll in core classes during the first semester of Phase II, while obtaining credentials. Phase II will include courses in a selected clinical concentration.

Admission

Admission to the master of science in nursing degree program requires the student to meet the minimum admission requirements for graduate study as established by the university and the following requirements established by the College of Nursing.

- a baccalaureate degree in nursing from an accredited program
- a minimum GPA of 2.7 in undergraduate studies and a minimum GPA of 3.0 in nursing major
- acceptable score on the Graduate Record Examinations (GRE) or Miller Analogies Test (MAT) within the past five years (GRE score required for nurse anesthesia and nurse midwifery concentration applicants.)
- currently hold a nonrestricted license to practice as a registered nurse (RN) in North Carolina or a NCSBN compact state (The out-of-state student must procure a North Carolina RN license before enrolling in clinical courses.)
- a statement describing the applicant's interest in graduate study, career goals, and the MSN degree's relationship to those goals
- three professional references
- a personal interview with a member of the graduate faculty

Due to the high demand of courses by our enrolled MSN students, the College of Nursing will not enroll nondegree graduate students at this time. Prospective students are encouraged to apply for full admission as soon as possible in order to be eligible for all College of Nursing course offerings.

Applicants for the nurse midwifery concentration, in addition to the general admission criteria, must have one year RN experience (labor and delivery preferred), demonstrate a commitment to practice with under-served populations, and one of the references should be from a health care provider knowledgeable about the applicant's nursing practice.

Applicants for the family nurse practitioner and adult-gerontology nurse practitioner concentrations, in addition to the general admission criteria, must have one year RN experience and provide a third reference from a health care provider knowledgeable about the applicant's nursing practice. The application deadline for both concentrations is January 2.

Applicants for the nurse anesthesia concentration, in addition to the general admission criteria, must have one-year adult critical care experience, completion of a supplemental nurse anesthesia admissions packet, a total of five professional references (two on forms provided in nurse anesthesia admissions packet), and an interview with the Nurse Anesthesia Admissions Committee. The application deadline for the nurse anesthesia concentration is May 31.

Applicants for the clinical nurse specialist concentration, in addition to the general admission criteria, must have one year of current practice experience and provide a third reference from a health care provider knowledgeable about the applicant's nursing practice.

Completed applications for the clinical nurse specialist concentration will be considered for fall and spring admission. Applications must be received by October 1 for spring, June 1 for fall.

Applicants for the neonatal nurse practitioner concentration, in addition to the general admission criteria, must have two years of current practice experience in a critical-care environment for high risk neonatal care RN experience and provide a third reference from a health care provider knowledgeable about the applicant's nursing practice.

Applicants may take core courses while gaining the required RN experience for admission into selected concentrations.

Applicants for admission to the (AE) MSN option must meet general admission requirements with the exception of a valid RN license and baccalaureate degree in nursing. Applicants must have a baccalaureate degree in another field. Additional requirements include:

- Completion of prerequisite courses – chemistry, human anatomy and physiology, microbiology, human growth and development, nutrition, ethics, and statistics.
- A minimum 3.0 GPA in undergraduate major
- Current nonrestricted license to practice as a RN in NC or a NCSBN compact state prior to entering Phase II clinical concentration courses.

Application deadline for the (AE) MSN option is December 1.

Completed applications will be considered as they are received, with the exception of nurse anesthesia, family nurse practitioner, adult nurse practitioner, clinical nurse specialist, and the alternate entry master of science in nursing option.

Applicants for the nursing education, nursing leadership, and clinical nurse specialist concentrations must have a minimum of one year RN experience prior to enrolling in specialty courses.

Applicants for the nursing leadership concentration, in addition to the general admission criteria, must provide a third reference from a health care provider knowledgeable about the applicant's nursing practice.

Applicants for admission to the RN/MSN option will be evaluated using the following criteria.

- a minimum 3.0 GPA in undergraduate studies and a minimum 3.0 GPA in the nursing major in the previous nursing program
- one year RN experience
- an acceptable score on the GRE or the MAT within the past five years
- current nonrestricted license to practice as a RN in North Carolina or a NCSBN compact state
- a statement describing the applicant's interest in graduate study, career goals, and the MSN degree's relationship to those goals
- three professional references
- a personal interview with the director of RN/BSN studies and a member of the College of Nursing graduate faculty

Program Prerequisites

A course in statistics with a grade of C or higher and basic computer skills with both applications software and the Internet are prerequisites for all concentrations. A course in basic accounting is a prerequisite for the nursing leadership concentration.

Students in the (AE) MSN option must complete all cognate requirements prior to beginning the program. Admission to the (AE) MSN option does not guarantee entry into a specific graduate concentration.

Students in the RN/MSN option must complete all general education and cognate requirements prior to beginning undergraduate nursing courses. Separate application is made to the graduate program in the first or second semester of study in the RN/MSN option. Students enrolled in the RN/MSN option must maintain a 3.0 GPA in the 15 s.h. of undergraduate nursing courses to be eligible to continue in this option. Admission to the RN/MSN option does not guarantee entry into a specific graduate concentration.

Degree Requirements

Depending upon the concentration area chosen within the degree program, the master of science in nursing requires 36-68 s.h. credit as follows. Concentrations are clustered as administrative, clinical, and education.

Administrative:

- Nursing Leadership – Acute Care Health Systems, 41 s.h.
- Nursing Leadership – Community Based Health Systems, 41 s.h.
- Nursing Leadership – Educational Systems, 41 s.h.

Clinical:

- Adult-Gerontology Nurse Practitioner, 46 s.h.
- Clinical Nurse Specialist in Adult Health, 42 s.h.
- Family Nurse Practitioner, 50 s.h.
- Neonatal Nurse Practitioner, 41 s.h.
- Nurse Anesthesia, 68 s.h.
- Nurse Midwifery, 50 s.h.

Education:

- Nursing Education, 36 s.h.

Requirements:

1. Common core: NURS 6001, 6002, 6991, 6992, 6993 - 12 s.h.
2. Cluster core (Choose appropriate cluster for concentration.) - 9-20 s.h.

Adult-Gerontology Nurse Practitioner (9 s.h.): NURS 6050, 6610, 6611
Clinical Nurse Specialist in Adult Health (12 s.h.): NURS 6050, 6208, 6610, 6611
Family Nurse Practitioner (9 s.h.): NURS 6050, 6610, 6611
Neonatal Nurse Practitioner (9 s.h.): NURS 6417, 6418, 6419
Nurse Anesthesia (20 s.h.): NURS 6610, 6810, 6811, 6813; PTHE 8008
Nurse Midwifery (9 s.h.): NURS 6050, 6610, 6611
Nursing Education (9 s.h.): NURS 6050, 6610, 6611
Nursing Leadership: NURS (10 s.h.) NURS 6971, 6973, 6974, 6986

3. Concentration area (Choose one area.) - 15-36 s.h.

Administrative (19 s.h.):

Nursing Leadership – Acute Care Health Systems (19 s.h.): NURS 6977, 6978, 6983, 6984, 6985, 3 s.h. electives

Nursing Leadership – Community Based Health Systems (19 s.h.): NURS 6310, 6311, 6977, 6978, 6983, 6984

Nursing Leadership – Educational Health Systems (19 s.h.): NURS 6903, 6904, 6909, 6977, 6978, 6983

Clinical (18-36 s.h.):

Adult-Gerontology Nurse Practitioner (25 s.h.) 6612, 6613, 6614, 6615, 6618, 6621, 6622, 6623

Clinical Nurse Specialist in Adult Health (18 s.h.): NURS 6958, 6959, 6960, 6961, 6962; 3 s.h. elective clinical specialty courses

Family Nurse Practitioner (29 s.h.): NURS 6612, 6613, 6614, 6615, 6616, 6617, 6618, 6619, 6620

Neonatal Nurse Practitioner (20 s.h.): NURS 6420, 6421, 6422, 6423, 6424, 6425

Nurse Anesthesia (36 s.h.): NURS 6805, 6806, 6812, 6814, 6815, 6816, 6817, 6818, 6819, 6820, 6821, 6822, 6823, 6824

Nurse Midwifery (29 s.h.): NURS 6109, 6110, 6112, 6113, 6115, 6116, 6117, 6118, 6119

Nursing Education (15 s.h.): NURS 6903, 6904, 6905; 6909; 3 s.h. elective or cognate

4. Students in the Nursing Education concentration who have limited teaching experience may be required to take NURS 6908.
5. Students in the Nursing Leadership concentration who have limited finance experience may be required to take NURS 6987.

Enrollment is necessary for continued research advisement. A comprehensive assessment is required for graduation for all MSN degree-seeking students.

Students in the RN/MSN option must complete the following undergraduate courses prior to enrolling in any graduate nursing courses—NURS 3020, 3021, 3510, 3900, 4210, 4211.

Post MSN Certificate Programs

Eight post-MSN certificate options (adult-gerontology nurse practitioner, clinical nurse specialist, family nurse practitioner, neonatal nurse practitioner, nurse-anesthesia, nurse midwifery, nursing leadership and nursing education) offer advanced practice education, qualifying those who complete the clinical options to take national certification exams. In addition, the nursing education post-master's certificate prepares nurses for beginning teaching roles in nursing education.

Admission Requirements

- A master's degree in nursing from an accredited program
- A current non-restricted license to practice as a registered nurse (RN) in North Carolina or an NCSBN compact state. Individual advisement will be necessary for licensure regulations for online out-of-state students.
- A personal statement describing the applicant's interest in graduate study, career goals, and the certificate's relationship to those goals.

- Three professional references with one reference from an individual who is knowledgeable of the applicant's nursing practice
- One year clinical experience as an RN
- A personal interview with a member of the graduate faculty

Applicants for the nurse midwifery post-master's certificate, in addition to the general admission criteria, must have one year RN experience (labor and delivery preferred).

Applicants for the nurse anesthesia post-master's certificate, in addition to the general admission criteria, must have one year adult critical care experience as a RN, completion of a supplemental nurse anesthesia admission packet, a total of five professional references (two on forms provided in the nurse anesthesia admissions packet) and an interview with Nurse Anesthesia Admissions Committee. Courses in physiology and chemistry/biochemistry within five years are highly recommended. Acceptable score on GRE within past 5 years (GRE required).

Applicants for the neonatal post-master's certificate, in addition to the general admission criteria, must have two years of current practice experience as a RN in a critical care environment for high-risk neonatal care.

Applicants for the clinical nurse specialist post master's certificate, in addition to the general admission criteria, must have one year RN experience.

Applicants for the post-master's certificate options in adult nurse practitioner, clinical nurse specialist, family nurse practitioner, neonatal nurse practitioner, and nurse midwifery must have had graduate level courses in pathophysiology (reproductive physiology is an additional requirement for nurse midwifery), health assessment and pharmacology within the past five years or approval by the concentration director; otherwise, students will be required to take these courses as part of the post-master's certificate requirement.

Adult-Gerontology Nurse Practitioner: - 10-33 s.h.

NURS 6621,6622,6623. Depending on student's needs and past education, additional course work from the following may be required: NURS 6050, 6610, 6611, 6612, 6613, 6614, 6615, 6618, or equivalent clinical courses.

Clinical Nurse Specialist: - 12-30 s.h.

NURS 6958, 6959, 6960, 6961, 6962. Depending on student's needs and past education, additional course work from the following may be required: NURS 6050, 6208, 6610, 6611, 6214, 6224 or equivalent clinical courses.

Family Nurse Practitioner: - 15-38 s.h.

NURS 6616, 6617, 6619, 6620. Depending on student's needs and past education, additional course work from the following may be required: NURS 6050, 6610, 6611, 6612, 6613, 6614, 6615, 6618.

Neonatal Nurse Practitioner: - 20-29 s.h.

NURS 6420, 6421, 6422, 6423, 6424, 6425. Depending on student's needs and past education, additional course work from the following may be required: NURS 6417, 6418, 6419.

Nurse Anesthesia: - 56 s.h.

NURS 6610, 6805, 6806, 6810, 6811, 6812, 6813, 6814, 6815, 6816, 6817, 6818, 6819, 6820, 6821,

6822, 6823, 6824; PTHE 7002.

Nurse Leadership: - 19-25 s.h.

Acute Care Health Systems: NURS 6971, 6984, 6973, 6974*, 6977**, 6983, 6985, 6986, 6987**

Community Based Health Systems: NURS 6310, 6311, 6971, 6973, 6974*, 6977**, 6983, 6986, 6987**

Educational Health Systems: NURS 6903, 6904, 6909, 6973, 6974*, 6977**, 6983, 6986, 6987**

*If less than two years leadership experience in the focus area NURS 6977 will be required.

**If less than 2 years of financial experience NURS 6987 will be required.

Nurse Midwifery: - 22-38 s.h. Post Master's Certificate

NURS 6109, 6113, 6115, 6116, 6117, 6118. Depending on student's needs and past education, additional course work from the following may be required: NURS 6050, 6110, 6112, 6119, 6610, 6611.

Nursing Education: - 12-15 s.h.

NURS 6903, 6904, 6905, 6909. Depending on student's needs, past education, and teaching experience, additional course work from the following may be required: NURS 6908.

Doctor of Philosophy in Nursing

The doctor of philosophy in nursing prepares nurse researchers and scholars to explore, develop, and move forward the scientific bases of nursing practice and education. Students are prepared to conduct research in the domains of nursing science. The curriculum is enriched through cognate study in the social, behavioral, and biological sciences; interdisciplinary research; and the integration of technology in program delivery. Dissertation research prepares graduates to contribute discoveries to the body of nursing and health care knowledge. The location and mission of the school as well as the expertise of the faculty provide a unique opportunity for the discovery of knowledge related to nursing and health issues in rural underserved areas. Upon graduation, students are prepared to assume leadership positions as researchers, administrators in public and private health care organizations, policy makers and analysts, and university faculty.

The BSN to PhD option is a plan of study leading to the PhD degree. This graduate level option blends the doctoral curriculum with two different MSN concentrations – the nursing education concentration or the nursing leadership concentration. It reduces the number of master's level courses required in the traditional MSN program and facilitates completion of the PhD in Nursing.

Admission Requirements

- Satisfactory performance on the Graduate Record Exam (GRE) within five years prior to admission.
- Written statement of personal career, educational, and scholarship goals.
- Three written professional references from individuals with expertise to comment on the applicant's capability for research and scholarship (for example, university professors, employers). At least one of the references must be from a doctorally-prepared nurse.
- A master's degree in nursing from an accredited school. (Applicants without a MSN must have a BSN from an accredited program.) See below for details on the BSN to PhD admission requirements.
- Grade-point average of 3.2 on a 4.0 scale on all graduate work.

- Evidence of current unrestricted license to practice as a nurse in North Carolina or a NCSBN compact state. Students on foreign student visas must present evidence of professional standing in their respective countries.
- Satisfactory performance on Test of English as a Foreign Language (TOEFL) where English is not the first language.
- Computer competency, with proficiency in basic software. The school requires that all students use e-mail and World Wide Web access for communication and course work.
- A graduate statistics course which included inferential statistics.
- A current curriculum vita.
- A representative example of scholarly work done by the applicant.
- A personal interview with two members of the Graduate Faculty to include a discussion of congruence between the students research interests/career goals and the expertise and research of faculty.

Applicants for admission to the BSN to PhD option must meet general admission requirements for the PhD program. Additional requirements include:

- Minimum GPA of 3.3 and no grade below B on all previous coursework.
- BSN from an accredited nursing program.
- Recommendation of the Director for the MSN concentration selected and the PhD Program Director.
- Completion of at least two calendar years of full time employment experience or the equivalent in clinical nursing practice as a registered nurse prior to entering the doctoral program of study.
- A graduate statistics course which includes inferential statistics prior to enrolling in doctoral courses.

Application

The PhD in nursing program admits 6-8 students each year. Applications for study to begin in the fall semester will be accepted until March 1 or until seats are filled. BSN to PhD applications for spring semester are due September 1 or until seats are filled. Applicants are expected to ensure that the Graduate School and the College of Nursing receive all supporting credentials by the final filing date. Applicants are evaluated in five areas: GPA, GRE, references, essay, and interview. Completed applications are considered as they are received. All completed applications received by the final filing date will be given careful consideration. Interviews are conducted as completed applications are received. Each applicant will be notified in writing of the admission decision after the admission process is completed.

Preference is given to those who demonstrate a capacity for creative inquiry, critical thinking, scholarship, and leadership. In the case of equally qualified applicants, preference will be given to individuals who intend to pursue doctoral study on a fulltime basis. Students will be assigned an academic advisor at the time of admission. All admitted PhD students are required to attend a College of Nursing orientation session in August.

Degree Requirements

Students are required to complete a minimum of 56 semester hours beyond the master's degree (includes a minimum of 6 s.h. for dissertation) with the exception of BSN to PhD students who are

required to complete between 74 and 80 semester hours. As in other research-focused programs of doctoral study, students in this program may expect to enroll in more than the minimum required credit hours and to be aware that study opportunities that focus on particular areas of study are in addition to the basic program requirements. Additional study is individualized and depends on the student's background and graduate preparation as well as the employment role identified as a career focus. This program of study enrolls both full- and part-time students. Since enrollments in doctoral programs tend to be small, students need to closely adhere to the plan of study, as courses are offered once a year. To deviate from the plan of study will mean a delay of one or more semesters before course enrollment is again possible.

BSN to PhD Nursing Education Course Requirements:

Nursing Education Concentration Courses: NURS 6001, 6002, 6903, 6904, 6905, 6909, 6991, 6992, 6993, Graduate Statistics - 26 s.h.

PhD in Nursing Core: NURS 7004, 8200, 8201, 8202, 8203, 8220, 8225, 8226, 8227, 8235, 8240, 8241, 8255 (6 s.h. minimum), 8260, 8265, 9000 (6 s.h. minimum) - 47 s.h.

TOTAL - 73 s.h.

BSN to PhD Nursing Leadership Course Requirements:

Nursing Leadership Concentration Courses: NURS 6001, 6002, 6610, 6620, 6991, 6992, 6993 or COHE 6000, 6971, Graduate Statistics - 26 s.h.

PhD in Nursing Core: NURS 7004, 8200, 8201, 8202, 8203, 8220, 8225, 8226, 8227, 8235, 8240, 8241, 8255 (6 s.h. minimum), 8260, 8265, 9000 (6 s.h. minimum) - 47 s.h.

TOTAL - 74 s.h.

PhD in Nursing Requirements:

Core Courses: NURS 7004, 8200, 8201, 8202, 8203, 8220, 8225, 8226, 8227, 8235, 8240, 8241, 8255 (6 s.h. minimum), 8260, 8265, 9000 (6 s.h. minimum) - 47 s.h.

Elective Courses - 9-12 s.h.

TOTAL - 56 s.h.

Graduate credits earned at other institutions may be accepted in partial fulfillment of the requirements for the doctoral program. Courses offered for transfer credit will be evaluated individually relative to Graduate School requirements, program requirements, and the student's plan of study. Transfer of more than 9 s.h. credit from another institution must be approved prior to admission. After admission, twenty percent of the courses may be completed at an approved university.

PhD students must complete at least five semesters in residence. Residency requirement must be completed prior to admission to candidacy.

Students must maintain a grade point average of 3.0 (on a 4.0 scale) throughout the program. Academic progress will be evaluated at the end of each semester by the academic advisor, who is responsible for notifying the associate dean for graduate programs if a student's academic status is in jeopardy.

PhD students apply to take a candidacy examination upon completion of all required nursing courses with the exception of the dissertation. This examination must be successfully completed within five years of matriculation.

Students are required to conduct an original research project, which adds to the body of knowledge in nursing, and to communicate the research in a written dissertation and an oral defense of the dissertation within six years of admission. With endorsement of the dissertation committee and the

associate dean for graduate programs, students may request one extension of not more than two semesters, summers included.

Doctor of Nursing Practice

The doctor of nursing practice (DNP) degree is a practice-focused terminal degree earned by specialists in advanced nursing practice. The DNP focuses on developing nursing experts in translating and applying research findings into clinical practice rather than in generating new knowledge. The post-master's DNP curriculum expands the competencies of the advanced practice registered nurse (APRN) from the master's level to encompass knowledge required as nurse leaders in increasingly complex healthcare systems to assess published evidence informing practice, improve systems of care to improve healthcare outcomes, and to make changes to enhance the quality of care.

The location and mission of the College of Nursing as well as the expertise of the faculty provide a unique opportunity for the application of research in the identification and resolution of individual and aggregate health systems problems related to nursing and health issues in rural underserved areas. The DNP will provide the knowledge base to:

- Implement and evaluate clinical practice based on scientific knowledge.
- Assume advanced practice nursing roles as an expert clinician.
- Demonstrate advanced leadership skills necessary to meet the challenges of increasingly complex healthcare organizations.
- Demonstrate analytical methodologies for the evaluation of clinical practice and the application of scientific evidence to improve professional practice.
- Apply clinical scholarship methodologies for organizational quality improvement, evidence-based practice, and healthcare outcomes.
- Use advanced skills to design, develop, and implement the use of contemporary technological information systems.
- Demonstrate expertise in the analysis, formulation, and implementation of healthcare policy.
- Collaborate with interprofessional teams necessary to meet healthcare needs of individuals and populations.
- Apply ethical theories, legal and practice standards, and advocacy to decision-making in healthcare issues.
- Apply population-based methodologies for health promotion and disease-prevention in advanced practice.

Upon graduation, students are prepared to assume leadership positions as clinicians, administrators in public and private health care organizations, policy makers and analysts, and university faculty. Additional course work may be required, depending on student objectives and focus.

Admission Requirements:

- One official transcript from each college or university attended.
- A master's degree in nursing in an advanced practice registered nursing (APRN) specialty (nurse anesthesia, clinical nurse specialist, nurse midwifery, nurse practitioner) with evidence of completion of graduate level pathophysiology, pharmacology and advanced physical assessment courses from an accredited school*.
- Certification as an APRN (if applicable).
- A minimum grade-point average of 3.2 on a 4.0 scale on all graduate work.
- Evidence of current unrestricted RN licensure from North Carolina or a National Council of State Boards of Nursing compact state. International applicants must work with the Commission of Graduate of Foreign Nursing Schools to validate credentials before applying for RN licensure.
- Satisfactory performance on Test of English as a Foreign Language (TOEFL) scores where English is not the first language. Students on foreign student visas must present evidence of professional standing in their respective countries.
- Computer competency with proficiency in development and use of databases, patient information systems, statistical sets, and use of various statistical packages for data analysis.
- A graduate statistics course taken within the past 5 years which included inferential statistics.
- A graduate research methodology course.
- Satisfactory performance on the Graduate Record Exam (GRE) within five years prior to admission. Scores will be individually evaluated in relation to all other admissions requirements.
- Written statement of personal career, educational, and scholarship goals; identification of practice interests, leadership goals consistent with program goals.
- Three written professional references from individuals with expertise to comment on the applicant's capability for doctoral scholarship (for example, university professors, employers). At least one of the references must be from a doctoral prepared nurse.
- A current curriculum vita.
- A representative portfolio limited to no more than 25 pages demonstrating evidence of professional practice accomplishments, community service and scholarship.
- An interview with members of the DNP admission committee to include a discussion of congruence between the student's practice interests/career goals and the expertise and research of the faculty.

The post-master's DNP program admits 20 students each year. Applications for study to begin in the fall semester will be accepted until the end of the first full week in January. Applicants are expected to ensure that the Graduate School and the College of Nursing receive all supporting credentials by the final filing date. Applicants are evaluated in five areas: GPA, GRE, references, essay, and interview. Completed applications are considered in a competitive review process. All completed applications received by the final filing date will be given careful consideration. All *completed applications* are reviewed by the DNP admission committee shortly after the admission deadline. All completed applicant packets are discussed among the DNP admissions committee until consensus has been attained for competitive rankings for admission decisions. Every effort is made to complete the competitive admission process by the last week in February with admissions notifications by the first week of March. Each applicant will be notified in writing of the admission decision after the admission process is completed.

Preference is given to those who demonstrate a capacity for creative inquiry, critical thinking, scholarship, and leadership. In the case of equally qualified applicants, preference will be given to individuals who intend to pursue doctoral study on a full-time basis. Students will be assigned an academic advisor at the time of admission. All admitted DNP students are required to attend a College of Nursing orientation session at the beginning of the fall semester.

Degree Requirements

The post-master's DNP is offered as an online, 36 semester hour post-master's program of study for advanced practice nurses. Students are required to complete a minimum of 36 semester hours beyond the master's degree. Campus requirements and group learning will serve as a foundational component of the DNP program of study. A minimum of 12 scholarly practicum credit hours will be divided over 4-5 semesters depending on capstone project complexity. In order to achieve the DNP competencies, students must complete a minimum of 1,000 hours of post-baccalaureate practice hours as part of a supervised academic program. Practice hours earned in accredited MSN/APRN programs are included in the total of the minimum required hours. Students may enroll in either full-time or part-time programs of study, completing their degree requirements in 4 or 6 semesters, respectively. As in other programs of doctoral study, students in this program may expect to enroll in more than the minimum required credit hours and to be aware that study opportunities that focus on particular areas of study are in addition to the basic program requirements. Additional study is individualized and depends on the student's background and graduate preparation as well as the employment role identified as a career focus. This program of study enrolls both full- and part-time students. Students need to closely adhere to the plan of study, as some courses are offered only once a year. To deviate from the plan of study will mean a delay of one or more semesters before course enrollment is again possible.

Post-Master's DNP Requirements:

Core Courses: NURS 8266, 8267, 8268, 8270, 8271, 8273, 8275, 8276

Scholarly Practicum Courses: 8269, 8272, 8274, 8277

- 36 credit hours (beyond the MSN requirements)
- Capstone: A minimum of 12 scholarly practicum s.h. divided over 4-5 semesters depending on capstone project complexity.

- In order to achieve the DNP competencies, programs should provide a minimum of 1,000 hours of practice post-baccalaureate as part of a supervised academic program.
- 36 TOTAL Post-MSN/DNP Credit Hrs.

Graduate credits earned at other institutions may be accepted in partial fulfillment of the requirements for the doctoral program. Courses offered for transfer credit will be evaluated individually relative to Graduate School requirements, program requirements, and the student's plan of study. Please refer to the Graduate School Transfer Credits Policy located at <http://www.ecu.edu/cs-acad/grcat/regulations.cfm#transfer>.

Students must maintain a minimum grade point average of 3.0 (on a 4.0 scale) throughout the program. Academic progress will be evaluated at the end of each semester by the academic advisor, who is responsible for notifying the associate dean for graduate programs if a student's academic status is in jeopardy.

Students are required to complete a scholarly practicum project, which informs practice, improves systems of care to improve healthcare outcomes, or make changes to enhance the quality of care. Scholarly projects are completed under the direction of the scholarly project committee consisting of a faculty advisor, faculty committee member and a clinical mentor with expertise in the scholarly project domain. The scholarly practicum project consists of a minimum of 12 scholarly practicum s.h. divided over 4-5 semesters depending on capstone project complexity. Successful progression through each phase of the scholarly development project must be approved by the scholarly project committee.

<http://www.ecu.edu/cs-acad/grcat/coursesNURS.cfm>

NURS: Nursing

6001. Philosophical Perspectives and Theoretical Bases of Advanced Nursing Practice (3)

P: Graduate status or consent of instructor. Examines philosophical perspectives, theories, and concepts from nursing and related fields that relate to advanced nursing practice.

6002. Advanced Nursing Practice in Complex Health Care Organizations (3)

P: Graduate status or consent of instructor. Examines political, legal, and economic influences on health care organizations, advanced nursing practice, and quality of care.

6006. Selected Topics (1,2,3)

May be repeated for a maximum of 6 s.h. P: Consent of instructor. Current issues and trends in nursing and health care.

6007. Health Appraisal of Individuals, Families, and Communities (6)

P: Admission to alternate entry MSN: Phase I pre-licensure. Provides knowledge and skills to conduct a comprehensive, holistic, and theory-based health appraisal of individuals within context of families and communities.

6008. Professional Nursing Foundations (6)

P: Admission to alternate entry MSN: Phase I pre licensure program in nursing. Provides knowledge and skills related to physiological challenges, including principles of pharmacological and nursing interventions.

6013. Dimensions of Professional Nursing Practice (3)

- P: Admission to alternate entry MSN: Phase I or consent of instructor. Considers historical and contemporary issues affecting theoretical, philosophical, and scientific basis of professional nursing practice.
6016. Comprehensive Care of Individuals Experiencing Alterations In Health I (7)
P: NURS 6007, 6008, 6013, or consent of instructor. Provides theoretical foundations and clinical experiences in providing nursing care to individuals experiencing selected alterations in health throughout life span.
6017. Comprehensive Care of Individuals Experiencing Alteration In Health II (7)
P: NURS 6016 or consent of instructor. Provides theoretical foundations and clinical experiences in providing nursing care to individuals experiencing selected alterations in health throughout life span.
6018. Clinical Capstone (5)
P: NURS 6017. Directed nursing practice in identified area of interest based on application of previous learning.
6019. Leadership and Community Service Learning (5)
P: NURS 6018 or consent of instructor. Integrates principles of nursing leadership/management and population focused community health nursing, including service learning experience.
6024. Simulation in Nursing Education (3)
P: NURS 6904 or consent of instructor. Introduces the use of human and virtual patient simulation as an instructional strategy in nursing education.
6035. Interdisciplinary Rural Health (3)
Theoretical base and skills for interdisciplinary rural health practice.
6050. Human Physiology and Pathophysiology for Advanced Nursing Practice (3)
P: Admission to NURS graduate program or consent of instructor. In-depth analysis of normal physiological processes across life span. Focus on pathophysiology and critical analysis for student's area of study. Emphasis on correlation of concepts with clinical manifestations.
6070. Globalization and Health Care (3)
Exploration of interdisciplinary issues, activities and impact of globalization on world health.
6109. Introductory Nurse Midwifery Professional Roles and Issues (2)
Historical, theoretical, and scientific foundations of nurse midwifery.
6110. Reproductive Physiology (2)
P: NURS 6050 or consent of instructor. Underlying biologic principles and concepts related to human reproductive cycle, genetics, maternal-fetal-placental unit, and neonate.
6112. Nurse-Midwifery Management: Well Women Care (3)
P: NURS 6110; admission to nurse-midwifery concentration. Focuses on American College of Nurse Midwives (ACNM) core competencies for promoting health in essentially healthy women. Supervised on-site practicum by clinical preceptor.
6113. Nurse-Midwifery Management: Antepartal Care (4)
P: NURS 6110, 6112. Focuses on ACNM core competencies for promoting health in essentially healthy women and their families during the antepartal period including management of antepartal complications. Supervised on-site practicum by clinical preceptor.
6115. Nurse-Midwifery Management: Intrapartal Care (4)
C: NURS 6116. Focuses on ACNM core competencies for promoting health in essentially healthy women during labor and birth including management of intrapartal complications. Supervised on-site practicum by clinical preceptor.
6116. Nurse-Midwifery Management: Postpartal Care and Neonatal Care (3)
C: NURS 6115. Focuses on ACNM core competencies for promoting health in essentially healthy neonates and women during the puerperium, including management of postpartum and neonatal complications. Supervised on-site practicum by clinical preceptor.
6117. Nurse-Midwifery Management: Integration Practicum (7)

- P: NURS 6115, 6116. Comprehensive nurse-midwifery management of neonates and healthy women throughout their lifespan.
6118. Integration of Nurse-Midwifery Professional Roles and Issues (2)
P: NURS 6115, 6116. Roles and responsibilities of professional nurse-midwifery.
6119. Nurse-Midwifery Management: Introduction to Primary Care for Well Women (2)
P/C: NURS 6610; admission to nurse-midwifery concentration. Focuses on American College of Nurse-Midwives (ACNM) core competencies for primary care in essentially healthy women. Supervised on-site practicum by clinical preceptor.
6208. Concepts of Health Promotion and Disease Prevention for Advanced Nursing Practice (3)
P: Admission to nursing graduate program or consent of instructor. Role of advanced practice nurse in health promotion and primary prevention.
6214. Chronic Health Problems: Concepts and Theories for Advanced Nursing Practice (3)
P: NURS 6001 and 6208 or consent of instructor. Focuses on knowledge, theory, and research relevant to chronically ill adults in acute care settings.
6224. Acute Health Problems: Concepts and Theories for Advanced Nursing Practice (3)
Focuses on knowledge, theory, and research relevant to adult clients experiencing acute health problems.
6310. Advanced Community Health Nursing I (3)
P: NURS 6001, 6002, 6991, or consent of instructor. Examines the role of the community health nurse leader in the application of program planning models to assess the health status of communities or populations and develop health care programs.
6311. Advanced Community Health Nursing II (3)
Examines the leadership role of the community health nurse in planning and directing the implementation and evaluation of interdisciplinary, community-based health care programs.
6417. Developmental Physiology for Advanced Neonatal and Pediatric (3)
P: Admission to NURS graduate program or consent of instructor. Developmental changes in morphological processes and normal and abnormal physiology in humans from conception through adolescence.
6418. Health Assessment for Advanced Nursing Practice of Neonatal and Pediatric Patients (3)
For advanced practice nurse. P: Admission to NURS graduate program or consent of instructor. Comprehensive assessment of neonatal and pediatric clients using diagnostic reasoning process.
6419. Clinical Pharmacology for Advanced Neonatal and Pediatric Nursing Practice (3)
P: Admission to NURS graduate program or consent of instructor. Pharmacological knowledge basic to assessment and management skills for advanced clinical nursing practice related to newborns and pediatric patients with common acute and chronic health problems.
6420. Advanced Neonatal Nursing: Research and Theory I (3)
P: NURS 6417, 6418. Focuses on management of the prenatal and postnatal environments, anticipated health problems experienced by infants and implications for the infants and their families.
6421. Advanced Neonatal Nursing Practicum I (2)
P/C: NURS 6420. Provides intensive neonatal clinical experiences for neonatal nurse practitioner students.
6422. Advanced Neonatal Nursing: Research and Theory II (3)
P: NURS 6420. Focuses on neonatal nurse practitioner management of disorders of organ systems.
6423. Advanced Neonatal Nursing Practicum II (4)
P/C: NURS 6422. Provides intensive clinical experiences for neonatal nurse practitioner students.
6424. Advanced Neonatal Nursing: Research and Theory III (3)

- P: NURS 6422. Focuses on the integration of advanced knowledge to care for the infant and the family.
6425. Advanced Neonatal Nursing Practicum III (5)
P/C: NURS 6424. Provides intensive clinical experiences for neonatal nurse practitioner students.
6500. Independent Study in Nursing (1,2,3)
May be repeated for a maximum of 9 s.h. P: Consent of advisor. Nontraditional, faculty-approved projects relating to clinical and functional areas of study.
6610. Health Assessment for Advanced Nursing Practice (3)
P: Admission to NURS graduate program or consent of instructor. Advanced assessment, critical thinking, and decision-making skills essential to evaluation of health status, health risks, illnesses, and functional/dysfunctional health patterns of individuals and family members throughout life span.
6611. Clinical Pharmacology for Advanced Nursing Practice (3)
P: Admission to NURS graduate program or consent of instructor. In-depth presentation of pharmacologic principles to manage pharmacologic agents safely and effectively. Specialty labs address specific applications.
6612. Advanced Nursing Practice with Families in Primary Health Care (3)
P: Admission to FNP concentration or consent of concentration director. Advanced practice psycho social/cultural context for interpretation of family patterns and processes by using family systems theory.
6613. Advanced Nurse Practitioner Role Development (2)
P: Admission to FNP concentration; NURS 6614, 6615, 6616, 6617, 6618, or consent of instructor. Leadership role within health care delivery system, nursing profession, and society.
6614. Advanced Practice Nursing with Families: Primary Care of Adults (4)
P: Admission to FNP concentration; NURS 6610, 6611, or consent of concentration director. Theoretical, scientific, and contemporary knowledge base to provide a framework for assessment and management of primary health care needs of culturally diverse families with young and middle-aged adults.
6615. Adolescent and Adult Reproductive Healthcare (2)
P: Admission to ANP or FNP concentration; NURS 6610, 6611; C: NURS 6614 or consent of concentration director. Advanced theory and management related to reproductive health promotion, prevention of illness, and common acute episodic and stable chronic illnesses in culturally diverse populations.
6616. Advanced Practice Nursing with Families: Childbearing Clients (1)
P: Admission to FNP concentration; NURS 6614, 6615, or consent of concentration director. Theoretical, scientific, and contemporary knowledge base to provide a framework for assessment and management of primary health care needs of culturally diverse families with childbearing members.
6617. Advanced Practice Nursing with Families: Primary Care of Infants, Children, and Adolescents (4)
P: Admission to FNP concentration; NURS 6614, 6615, or consent of concentration director. Theoretical, scientific, and contemporary knowledge base to provide a framework for assessment and management of primary health care needs of culturally diverse families with infants, children and adolescents.
6618. Advanced Practice Nursing Practicum: Primary Care of Adults (4)
P: Admission to FNP concentration; P/C: NURS 6614, 6615, or consent of concentration director. Demonstrate competencies in provision health care to adult clients in culturally diverse families. Supervised on-site practicum by clinical preceptor.

6619. Advanced Practice Nursing Practicum: Primary Care of Childbearing and Childrearing Families (4)
 P: Admission to FNP concentration; NURS 6614, 6615; P/C: NURS 6616, 6617, or consent of concentration director. Demonstrate competencies in provision of primary health care to culturally diverse, childbearing and childrearing families. Supervised on-site practicum by clinical preceptor.
6620. Advanced Practice Nursing Practicum: Synthesis in Primary Care of Families (5)
 P: Admission to FNP concentration; NURS 6619 or consent of concentration director. Clinical synthesis experience across the lifespan for family nurse practitioner students. Supervised on-site practicum by clinical preceptor.
6621. Care of Older Adults (3)
 P: NURS 6610, 6611, 6614, 6615, or consent of concentration director. Theoretical, scientific, and contemporary knowledge base to provide a framework for assessment and management of health care needs of culturally diverse, older adults with acute and/or chronic illness.
6622. Care of Older Adults with Acute and Chronic Illness Practicum (3)
 P: NURS 6614, 6615, 6618; C: NURS 6621 or consent of concentration director. Demonstrates competencies in providing health care to culturally diverse, older adult clients with acute and chronic illnesses. Supervised on-site practicum by clinical preceptor.
6623. Specialty Care of Adults (4)
 P: NURS 6622 or consent of concentration director. Demonstrates competencies in providing health care to culturally diverse, adult clients with complex illnesses in a selected population. Supervised on-site practicum by clinical preceptor.
6805. Advanced Pharmacology for Nurse Anesthesia I (3)
 P: Admission to nurse anesthesia concentration; C: NURS 6813. Survey of pharmacodynamics, pharmacokinetics, adverse effects and pharmacotherapeutic principles of anesthesia, antimicrobial, antieoplastic, endocrine, and other therapeutic agents.
6806. Advanced Pharmacology for Nurse Anesthetists II (4)
 P: NURS 6814, 6817; PTHE 7002; C: NURS 6811, 6819. Surveys pharmacodynamics, pharmacokinetics, adverse effects, and pharmacotherapeutic principles of drugs affecting the autonomic, cardiovascular, respiratory, renal, and central nervous systems.
6810. Human Physiology for Nurse Anesthetists (5)
 P: Admission to nurse anesthesia concentration; C: NURS 6805, 6813. In-depth analysis of normal processes across the lifespan. Provides physiological basis for practice with emphasis on correlation of these concepts with clinical manifestations.
6811. Anesthesia Pharmacology (3)
 P: NURS 6814, 6817; PTHE 7002; C: NURS 6806. Chemical and physical principles involved in administration of anesthesia, including uptake and distribution, and toxicology of anesthetic drugs and agents.
6812. Professional Aspects of Nurse Anesthesia (2)
 P: NURS 6822, 6824; C: NURS 6823. Historic, legal, ethical, and international issues important to contemporary nurse anesthesia practice.
6813. Chemistry and Physics of Anesthesia (4)
 P: Admission to nurse anesthesia concentration; C: NURS 6805. Aspects of chemistry, biochemistry, and physics applicable to human and mechanical systems involved in delivering safe anesthesia care.
6814. Basic Principles of Nurse Anesthesia (3)
 P: Admission to nurse anesthesia concentration; NURS 6805, 6810; C: NURS 6717; PTHE 7002. Fundamentals of anesthesia practice, including basic techniques, procedures for administering anesthesia, assessment of patient status, and case management.
6815. Advanced Principles of Nurse Anesthesia I (2)

- P: Admission to nurse anesthesia concentration; NURS 6806, 6811, 6819; C: NURS 6820. Anesthesia concepts for increasingly complex patients with alterations in one or more organ system. Includes principles of increasingly advanced surgical and radiological procedures.
6816. Advanced Principles of Nurse Anesthesia II (2)
P: Admission to nurse anesthesia concentration; NURS 6815, 6820; C: NURS 6818, 6821. Advanced principles of cardiothoracic and vascular anesthesia, infection control, trauma anesthesia, and management of the patient with acute and chronic endocrine disease.
6817. Clinical Correlations I (1)
P: Admission to nurse anesthesia concentration; NURS 6805, 6810, 6813; C: NURS 6814; PTHE 7002. Links anesthesia-related information with specific topics in anatomy. Explores regional anesthesia.
6818. Clinical Correlations II (1)
P: Admission to the nurse anesthesia concentration; NURS 6815, 6820. Links research and advanced principles courses examining research in obstetrics, pediatrics, cardiothoracic and neurosurgical anesthesia.
6819. Clinical Practicum in Nurse Anesthesia I (1)
P: Admission to nurse anesthesia concentration; NURS 6814, 6817; C: NURS 6806, 6811. Introduces clinical practice in operating room environment, including basic skills such as monitoring, preoperative assessment, positioning, induction agents, and sequence and airway management.
6820. Clinical Practicum in Nurse Anesthesia II (3)
P: Admission to nurse anesthesia concentration; NURS 6806, 6811, 6819; C: NURS 6815. Defines physiological, pharmacological, and biochemical concepts in beginning application of anesthesia principles.
6821. Clinical Practicum in Nurse Anesthesia III (4)
P: Admission to nurse anesthesia concentration; NURS 6820; C: NURS 6816, 6818. Explores physiological, pharmacological, and biochemical concepts in complex clinical application of anesthesia principles.
6822. Clinical Practicum in Nurse Anesthesia IV (4)
P: Admission to nurse anesthesia concentration; NURS 6818, 6821; C: NURS 6824. Advanced clinical applications regarding anesthetic preparation, anesthesia equipment setup, airway management, anesthetic management, patient monitoring, and regional anesthesia.
6823. Clinical Practicum in Nurse Anesthesia V (4)
P: Admission to nurse anesthesia concentration; NURS 6822; C: NURS 6812. Advanced clinical practice utilizing all anesthesia principles to provide independent responsibility for patient care.
6824. Advanced Principles of Nurse Anesthesia III (2)
P: Admission to nurse anesthesia concentration; NURS 6816, 6818, 6821; C: NURS 6822. Advanced concepts of anesthetic management. Emphasis on renal, endocrine, pediatric, and obstetric cases, regional anesthesia, and chronic pain management.
6903. Curriculum Development in Nursing (3) Formerly NURS 6400
Foundations, principles, and contemporary issues related to curriculum development in nursing education.
6904. Educational Concepts, Theories, and Strategies in Nursing (3)
P/C: NURS 6903 or consent of instructor. Explores learning theories and educational strategies used by nurse educators.
6905. Nursing Education Role Practicum I (3)
P: NURS 6904 or consent of instructor; P/C: NURS 6909 or consent of instructor. Guided practicum with nurse educators in academic and health care settings.
6908. Nursing Education Role Practicum II (3)

- P: NURS 6905 or consent of instructor. Collaborative implementation and evaluation of comprehensive educational project.
6909. Evaluation in Nursing Education (3)
P: NURS 6903 or consent of instructor; P/C: NURS 6904 or consent of instructor. Focuses on evaluation of students, faculty, curricula, and programs in nursing education.
6958. Clinical Practice for the CNS Across the Adult Lifespan (3)
P: NURS 6001 or 6002 and at least one of the following: NURS 6050, 6610, 6611 or 6208; or consent of director of clinical nurse specialist concentration. Role of the CNS in adult through geriatric practice in various care settings.
6959. Clinical Nurse Specialist Theory and Role Development (3)
P: NURS 6958. Core competencies, essential characteristics, and the conceptual model guiding CNS practice.
6960. Clinical Nurse Specialist Practicum I (3)
P: NURS 6958, 6959 or consent of director of clinical nurse specialist concentration. Applies CNS knowledge and skills to specialty clinical practice. Supervised on-site practicum by clinical preceptor.
6961. Clinical Nurse Specialist Practicum II (3)
P: NURS 6959, 6960, or consent of faculty. Applies CNS knowledge and skills to specialty clinical practice. Supervised on-site practicum by clinical preceptor.
6962. Clinical Nurse Specialist Practicum III (3)
P: NURS 6959, 6960, 6961, or consent of faculty. Applies CNS knowledge and skills to specialty clinical practice. Students practice with increasing independence and with minimal consultation and collaboration with preceptor.
6971. Health Policy, Law, and Regulation (3) Same as COHE 6971 and PADM 6400
P/C: NURS 6001, 6002, 6983. Overview of health policy, law and regulation which relate to the delivery of health care in the United States.
6973. Management of Human Resources and Professional Relationships in Health Systems (3)
P/C: NURS 6001, 6002, or consent of instructor. Focuses on the theoretical, legal/ethical, and practical dimensions of human resources management in health systems.
6974. Financial Management and Decision-making in Nursing Leadership (3)
P/C: NURS 6992 or consent of instructor. Focuses on practical applications of financial concepts in making nursing decisions and accomplishing service delivery goals in the current health system.
6977. Nursing Leadership Practicum I (3)
P/C: NURS 6983, 6992, or consent of instructor. Application of organizational and administrative theory, ethics, and clinical service and outcome management concepts within nursing and health systems.
6978. Nursing Leadership Practicum II (4)
P/C: NURS 6977 or consent of instructor. Application of organizational and administrative theory within nursing and health systems in a selected focus area.
6983. Administrative and Organizational Theory and Ethics: Applications in Nursing and Health Systems (3)
P/C: NURS 6001, 6002, 6986, or consent of instructor. Examines organizational, administrative, and ethical theory that relate to the leadership of nursing and health systems.
6984. Informatics for Advanced Nursing Practice (3)
Application of informatics systems to practice, research, education, and administration of nursing.
6985. Management of Clinical Services Delivery and Outcomes (3)

- P/C: NURS 6001, 6002, 6992, or consent of the instructor. Explores the elements of nursing leadership in health systems essential to planning, organizing, staffing, directing, and evaluating patient care delivery outcomes.
6986. Analytical Foundations of Nursing Leadership (1)
P: Admission to the MSN or consent of instructor. Examines the process, theories and principles of leadership; analyzes student leadership strengths and challenges through self-evaluation and team reflection.
6987. Budgeting and Decision Making in Healthcare (3)
P: Admission to the MSN or consent of instructor. Practical skills in budgeting.
6991. Research Methods for Advanced Nursing (3) Formerly NURS 6994
P: Graduate student status or consent of instructor. Research methods and design as basis for clinical and organizational decision making and scientific inquiry. Quantitative and qualitative research methodology and development of biopsychosocial approaches to study of phenomena.
6992. Research Utilization Seminar (2) Formerly NURS 6003
P: NURS 6001, 6002, 6991. Focuses on knowledge and skill competencies basic to use of research findings in advanced nursing practice.
6993. Advanced Nursing Synthesis (1)
P: Consent of graduate advisor. Seminar for synthesis of graduate nursing concepts.
7000. Thesis (1-6)
May be repeated. May count maximum of 3 s.h.
7001. Thesis: Summer Research (1)
May be repeated. No credit may count toward degree. Students conducting thesis research may only register for this course during the summer.
7003. Health Disparities/Inequities Research (3)
P: Admission to the PhD in nursing program or consent of instructor. Exploration and design of strategies to address health disparities/inequities.
7004. Research Ethics for a Complex World (2) Same as HUMS 7004 and GRAD 7004
Concerned with issues associated with scientific research, institutional responsibilities of scientists and critical skills for evaluation of ethical aspects of research.
7100. Qualitative Research: Analysis and Interpretation (3) Same as HLTH 7100, OCCT 7100
P: NURS 8235 or consent of instructor. Application and evaluation of qualitative research design and methods, including data collection, management, and analysis approaches, and the art and science of interpretation.
7270. Introduction to Historical Nursing Research (3)
Uses historical analysis to understand development of nursing.
7271. Complementary and Alternative Therapies in Nursing Practice (3)
P: Consent of chair. Evaluates the integration of complementary and alternative therapies into nursing care.
7272. American Nursing Traditions of the Eighteenth and Nineteenth Centuries (3)
Nursing history and traditions, with a focus on the art of constructing caring communities, and the science of creating healing environments.
7440. Current Issues in Nursing Leadership (3)
P: Graduate admission. Integration of leadership principles through in-depth exploration of current issues in community health.
7445. Board Involvement of Nurse Leaders (3)
P: Admission to the graduate program or consent of instructor. Focus on skills, roles, liability, and responsibilities of serving on health care governing boards.
8006. Selected Topics (1,2,3)
May be repeated for a maximum of 6 s.h. P: Consent of program director. Current issues in nursing science and nurse scientist roles.

8200. Grant Writing for Nursing Research (3)
P: NURS 8235 and 8240 or consent of program director. Research training, grantsmanship principles and skills in order to compete successfully for grant funding specific to nursing science.
8201. Seminar in Research Agendas (1)
P: Admission to the PhD in nursing program or consent of program director. Forum for discussion among faculty, students, and invited guests relevant to national and international nursing research agendas.
8202. Seminar in Interprofessional Research (1)
P: Admission to the PhD in nursing program or consent of program director. Forum for discussion among faculty, students, and invited guests relevant to interprofessional research collaboration.
8203. Seminar in Research Dissemination (1)
P: Admission to the PhD in nursing program or consent of program director. Forum for discussion between faculty, students, and invited guests relevant to the role of disseminating research.
8220. Philosophy of Science (3)
P: Admission to the PhD in nursing program or consent of program director. Examines nature and evolution of philosophic bases of nursing science and practice.
8225. Development of Nursing Knowledge (3)
P: NURS 8220 or consent of program director. Relationship of theory to the design and interpretation of research.
8226. Statistical Methods for Nursing Research I (3)
P: Admission to the PhD in nursing program or consent of program director. Use of statistics in research to describe data, test relationships, and predict outcomes.
8227. Statistical Methods for Nursing Research II (3)
P: NURS 8226 or consent of program director. Use and interpretation of multivariate statistical methods in experimental and nonexperimental research.
8235. Qualitative Methods (3)
P: NURS 8225 or consent of program director. Considers assumptions, principles, methods, and outcomes through analysis of variety of qualitative approaches to research.
8240. Quantitative Methods (3)
P: NURS 8227 or consent of program director. Quantitative methods and research designs used in nursing research.
8241. Instrumentation and Measurement (3)
P: NURS 8240 or consent of program director. Process and underlying theory of designing, testing, and using measurement instruments.
8255. Directed Research (1,2,3)
Minimum of 6 s.h. is required. P: NURS 8235 and/or NURS 8240 or consent of program director. Mentorship and interdisciplinary research experience under guidance of nursing faculty.
8260. State of Nursing Science (3)
P: NURS 8235 and 8240 or consent of program director. Focuses on selected domains of knowledge relevant to clinical nursing science.
8265. Evolving Nurse Scientist (3)
P: NURS 8260 or consent of program director. Synthesis of knowledge on the evolving role of the nurse scientist in relation to translational science, team science, public policy, and global dissemination of nursing research.
- [8266. Philosophical, Theoretical, and Conceptual Foundations of Advanced Nursing Practice \(3\)](#)

- P: Admission to the DNP program; C: NURS 8267. Analyzes and integrates the theoretical, philosophical and scientific underpinnings of nursing, organizational, biophysical, analytical, natural, and psychosocial sciences.
8267. Design and Statistical Methods for Advanced Nursing Practice (3)
P: Admission to the DNP program or consent of the DNP program director; C: NURS 8266. Provides basis to research, retrieve, and manipulate statistical data. Focuses on quantitative methodologies, research design, and data analysis, providing essential knowledge for the evaluation of research to guide evidence-based advanced nursing practice.
8268. Interdisciplinary Leadership and Role Development for Practice Excellence (3)
P: Graduate status or consent of the DNP program director. Provides a comprehensive exploration of leadership principles, techniques, knowledge and skills for innovative roles in autonomous and interdisciplinary practice systems and organizations.
8269. Scholarly Practicum I (2)
C: NURS 8266, 8267, 8268. Practical expertise in a practice setting based on an individual contract negotiated among the professor, student, and preceptor. Part one of a required four-semester practicum sequence.
8270. Population Health in Advanced Interdisciplinary Practice (3)
P: Admission to the DNP program or consent of the DNP program director. Implementation of specialty population-based disease prevention and health promotion activities to achieve national and international goals of improving worldwide health status.
8271. Informatics for Advanced Nursing Practice (3)
P: NURS 8267. Admission to the DNP program or consent of the DNP program director. Explores the development, use, and evaluation of computer systems for clinical practice, education, and shared clinical decision-making. Focuses on standards in terminology, data storage, and transmission; data capture, analysis, and application for quality improvement.
8272. Scholarly Practicum II (3)
P: NURS 8269. Project development including process and outcome evaluation, budget development, and measurement tools. The final full practicum project proposal, including plans for scholarly presentation, will be completed. Part two of a required four-semester practicum sequence.
8273. Healthcare Finance (3)
P: NURS 8270 or consent of the DNP program director. Provides a working knowledge of selective financial and management control techniques with practical application within the interdisciplinary environment. Provides a broad overview of financial concepts, issues, tools, and vocabulary useful for healthcare leaders, clinicians, policy makers and administrators.
8274. Scholarly Practicum III (3)
P: NURS 8272. Implementation of the DNP practicum project. Part three of a required four-semester practicum sequence.
8275. Application of Best Practices in Interdisciplinary Settings (3)
P: Graduate status or consent of the DNP program director. Provides knowledge and skills essential to translate knowledge to clinical practice using innovation science and quality improvement research.
8276. Healthcare Policy, Politics, and Ethics (3)
P: Graduate status or consent of the DNP program director. Ethical, legislative, regulatory processes, and outcomes that influence healthcare policy.
8277. Scholarly Practicum IV (4)
P: NURS 8274. Culminates the DNP scholarly practicum project. Dissemination of project status, evaluation methodology, and practice implication recommendations. Final course required in a four-semester practicum sequence.
8500. Independent Study (1-3)

May be repeated. May count a maximum of 6 s.h. P: Consent of instructor. Independent exploration of area(s) of interest in nursing science.

9000. Dissertation Research (3-12)

May be repeated. Minimum of 6 s.h. required; maximum of 12 s.h. may count. P: Successful completion of candidacy examination. Original research investigation on a significant aspect of nursing science.

9001. Dissertation: Summer Research (1)

May be repeated. No credit may count toward degree. Students conducting dissertation research may only register for this course during the summer.