## College of Nursing

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Jan L. Lee, Associate Dean for Academic Affairs  
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[http://nightingale.con.utk.edu](http://nightingale.con.utk.edu)

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### Facilities for Research and Service

- **Center for Nursing Practice**
- **Center for Nursing Research**

The College of Nursing was established in July 1971. The master’s program was initiated in 1976 and approval for the doctoral program was granted in 1988. More specific information about the programs may be obtained under Nursing, Departments and Courses of Instruction, or by contacting the Director of MSN or PhD Program, the University of Tennessee, College of Nursing, 1200 Volunteer Boulevard, Knoxville, Tennessee 37996-4180, (865) 974-4151.

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### MASTER OF SCIENCE IN NURSING

#### Nursing Major

The College of Nursing offers the Master of Science in Nursing degree with concentrations in adult health nursing, family nurse practitioner, mental health nursing, nurse anesthesia, nursing administration, and nursing of women and children. The program is accredited by the National League for Nursing Accrediting Commission that may be contacted at 61 Broadway, New York, NY 10006, Tel: 1-800-669-9656, and is unconditionally approved by the Tennessee Board of Nursing.

The purpose of the master’s program in nursing is to prepare leaders, managers, and practitioners who facilitate achievement of optimal health in the dynamic health care system. The program prepares advanced practice nurses for a career in adult health nursing, nursing of women and children, mental health nursing, and nurse anesthesia as well as role preparation as nurse practitioners, clinical nurse specialists or nursing administrators. Advanced practice nursing involves the delivery of care, management of resources, interdisciplinary collaboration, and

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### Admissions Requirements and Entrance Options

- **Application Deadlines:**  
  - Fall admission: October 1  
  - Spring admission: March 1

- **Qualifications:**  
  - Baccalaureate degree in nursing from an accredited program  
  - Completion of the following courses:  
    - Anatomy and Physiology I and II  
    - Microbiology  
    - Pharmacology  
    - Health Assessment  
    - Theory of Nursing  
    - Theory of Advanced Practice Nursing

- **Additional Requirements:**  
  - Minimum GPA of 3.0  
  - Three letters of recommendation  
  - Personal statement

- **Application Process:**  
  - Online application at [http://nursing.utk.edu](http://nursing.utk.edu)  
  - Application fee  
  - Transcripts and test scores

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### Degree Requirements

- **Core Courses:**  
  - Research Methods  
  - Nursing Theory  
  - Advanced Nursing Practice

- **Concentration Options:**  
  - Adult Health Nursing  
  - Family Nurse Practitioner  
  - Mental Health Nursing  
  - Nurse Anesthesia

- **Thesis or Capstone Project Options:**  
  - Thesis  
  - Capstone Project

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### Facilities for Research and Service

- **Center for Nursing Practice**  
- **Center for Nursing Research**

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### MAJOR DEGREES

- **Nursing**
  - MSN, PhD
application of technology, information systems, knowledge, and
critical thinking.

Graduates of the program are expected to:

- Provide advanced nursing care in a variety of health care
  settings.
- Utilize theoretical knowledge to guide advanced practice
  nursing.
- Collaborate in research activities and utilize knowledge
  gained from research in advanced practice nursing.
- Evaluate health policies and economics related to delivery
  of health care.
- Assume roles as leaders and collaborators with other
  professionals and communities in planning, providing,
  and evaluating health care.

ADMISSION

- Meet requirements for admission to graduate study.
- Achieve a competitive score on the combined verbal and
  quantitative portions of the Graduate Record Exam.
- Achieve a TOEFL score of 550 or above if native language
  is not English.
- Applicants for nurse anesthesia require an interview.
- Hold a bachelor’s degree in nursing (BSN) from an
  accredited program.
  a. Hold or be eligible for licensure to practice
     nursing in Tennessee.
  b. Have an undergraduate GPA of 3.0 or higher on
     a 4-point scale, or a GPA of 3.3 for courses in the
     undergraduate major.
  c. Have completed a health assessment course.
  d. Have completed 3 hours of graduate level
     statistics.

OR

- Hold a bachelor’s degree in a discipline other than nursing
  (master’s entry student or RN) from an accredited college
  or university.
  a. Have a cumulative undergraduate GPA of at least
     3.0 on a 4-point scale.
  b. Have satisfactorily completed the following
     prerequisite courses: chemistry (8 hours); microbiology
     (including lab); anatomy and physiology (6-8 hours);
     nutrition (covering lifespan in health and illness); social
     sciences (9 hours) and a general psychology course (3
     hours); undergraduate research course or equivalent;
     3 hours of graduate level statistics prior to enrollment
     in graduate research course.
  c. Nurse anesthesia option not available to master’s
     entry students.
  
- New students normally are admitted to the program
  only at the beginning of fall semester. However, under
  special circumstances and on a space available basis, a
  BSN graduate may be admitted at the beginning of
  spring or summer terms in a temporary non-degree
  status. Applications from full-time BSN and master’s
  entry students for fall admission must be received by
  February 1. Part-time and post-master’s applications
  must be received by October 1. Nurse anesthesia applications
  must be received by March 1 for spring admission.

Non-Degree Status

Only 503, 505, 510, 511, and 515 are open to students in
Non-Degrees Status. Students not yet accepted into the master’s
program must see the Chair of the MSN Program for advising
prior to enrolling in any course.

Special Requirements

- Each student must hold personal professional liability
  insurance and health insurance.
- Registered nurses must be eligible to practice nursing
  in Tennessee, i.e., licensed in Tennessee or one of the
  interstate compact states.
- Each student must present proof of hepatitis B vaccination
  and rubella and rubeola immunization or sufficient titer
  for immunity; TB status.
- Each student must present evidence of current 2-person
  CPR certification.
- Non-registered nurse students must have completed
  courses in chemistry, nutrition, microbiology, anatomy,
  and physiology plus 12 semester hours of behavioral
  science courses.
- Contact student services for more detailed information
  about the application process: Student Services/MSN
  Program, the University of Tennessee College of Nursing,
  1200 Volunteer Boulevard, Knoxville, Tennessee 37996-
  4180; phone: (865) 974-7606.

Thesis and Non-Thesis Options

The thesis option is available for interested students and is
especially encouraged for those who are considering pursuit of
doctoral degrees sometime in the future. Students who choose
the non-thesis option must register for Nursing 582.

Program Requirements

All students must complete a minimum of 36 semester hours
distributed as follows:

<table>
<thead>
<tr>
<th>Hours Credit</th>
<th>Core (9 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>503 Health Promotion in Advanced Practice Nursing</td>
</tr>
<tr>
<td></td>
<td>510 Theoretical Foundations of Nursing</td>
</tr>
<tr>
<td></td>
<td>520 Advanced Practice Nursing and Health Delivery Systems</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hours Credit</th>
<th>Advanced Practice Core (9 credits)*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>504 Advanced Health/Physical Assessment</td>
</tr>
<tr>
<td></td>
<td>505 Advanced Clinical Pharmacology</td>
</tr>
<tr>
<td></td>
<td>515 Advanced Pathophysiology for Nursing Practice (not required for nurse anesthesia students)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hours Credit</th>
<th>Required for nurse anesthesia students:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>506 Advanced Anesthesia Pharmacology</td>
</tr>
<tr>
<td></td>
<td>516 Advanced Pathophysiology Neurological and Cardiovascular with Anesthesia Implications</td>
</tr>
<tr>
<td></td>
<td>517 Advanced Pathophysiology Respiratory/Renal with Anesthesia Implications</td>
</tr>
<tr>
<td></td>
<td>518 Advanced Pathophysiology Obstetrics/Regional Anesthesia</td>
</tr>
<tr>
<td></td>
<td>521 Basics of Nurse Anesthesia</td>
</tr>
<tr>
<td></td>
<td>522 Integrated Health Science for Anesthesia</td>
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<tr>
<td></td>
<td>523 Advanced Principles of Nurse Anesthesia Practice</td>
</tr>
</tbody>
</table>
Research (6-9 credits)
501 Nursing Research: Methods, Design and Analysis .............................................. 3
500 Thesis .................................................................................................................... 6
OR
582 Scholarly Inquiry for Advanced Practice Nursing ................................................. 3

Concentration (12-17 credits)—choose one
530-531 Adult Health Nursing I,II ............................................................. 13
544-545-546-547-548-549 Clinical Nurse Anesthesia Practicum/ Seminar I, II, III, IV, V, VI ................................................................. 40
550-551 Nursing of Women and Children I,II .................................................... 16
560-561 Mental Health Nursing I, II ................................................................. 12
570-571-572 Family Nurse Practitioner I,II,III .............................................. 17
590-591 Nursing Administration I,II ................................................................. 12

Elective (9 credits)
Required for students in nursing administration concentration only .......... 9

*Not required for nursing administration concentration.

Students who enter the program as non-RNs must complete the following undergraduate nursing courses in addition to meeting the requirements listed above:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>311 Foundations of Professional Nursing Practice</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>319 Pathophysiology of Health Deviations</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>333 Health Assessment</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>341 Health Promotion</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>351 Pharmacology I</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>361 Health Maintenance and Restoration Across the Life Span</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>381 Professional Leadership Issues I</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>382 Health Promotion and Maintenance in the Community</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>406 Pharmacology II</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>415 Family/Community Health Nursing</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>421 Health Maintenance and Restoration in Mental Health</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>454 Professional Leadership Issues</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>461 Health Restoration Across the Life Span</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>432 Health Promotion, Maintenance and Restoration in the Community</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Registered nurses whose bachelor’s degrees are not in nursing must have completed courses in chemistry, nutrition, microbiology, anatomy, and physiology plus 12 hours of behavioral science courses. They must also complete 305, 432, and 452 and complete or successfully challenge the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>311 Foundations of Professional Nursing Practice</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>319 Pathophysiology of Health Deviations</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>333 Health Assessment</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>351 Pharmacology I</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>361 Health Maintenance and Restoration Across the Life Span</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>403 Health Promotion and Maintenance in Childbearing Families</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>406 Pharmacology II</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>421 Health Maintenance and Restoration in Mental Health</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>454 Professional Leadership Issues</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>461 Health Restoration Across the Life Span</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>490 Specialty Preceptship</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

A total of 19 credits can be obtained by successful completion of the NLN ACE Examination. See undergraduate catalog for other challenge options. RN’s who are in the process of completing a BSN at the University of Tennessee, Knoxville, with the intent of enrolling in the MSN program follow the same plan with the addition of 471.

Final Examination Requirements

All students must successfully complete a final examination as required by the Graduate Council. For thesis students, the examination will consist of an oral defense of the thesis as well as other written or oral questions designed to measure student mastery of the entire program of study. For non-thesis students, the written examination will cover the entire program of study and may, at the discretion of the student’s committee, be followed by an oral examination.

Special Policies

- If the clinical performance of any student for any course is found to be unsatisfactory, the student will receive a grade of F for the course.
- If a student achieves a final grade of D or F for any required undergraduate or graduate nursing course, he or she will not be permitted to repeat the course and will be required to withdraw from the program.
- If the clinical performance of any student is characterized by unethical, unprofessional or unsafe behavior, or behavior that places the client in jeopardy, the student will be required to withdraw from the program.
- Students are expected to maintain a 3.0 cumulative GPA; however, students must maintain a grade of B or better in clinical concentration courses and/or directed clinical practice. Graduate students are not permitted to repeat a course, repeat an exam or do additional work for the purpose of raising a grade already received. A student who receives a final grade below a B in a clinical concentration course will be dismissed from the program. A student whose cumulative GPA drops below a 3.0 as a result of earning grades of C in other courses will be placed on academic probation. A student will be allowed to continue in graduate study while on academic probation as long as each semester’s grade point average is 3.0 or better and the grade for clinical concentration work is at least 3.0.

RN-MSN Track

The RN-MSN track provides an opportunity for qualified associate degree and diploma-prepared nurses to obtain the MSN.

ADMISSION

- Associate degree or diploma in nursing.
- Minimum grade point average 3.0 (on 4 point scale) for all pre-professional course requirements.
- Eligible to practice as a registered nurse in Tennessee (licensed as an RN in Tennessee or one of the interstate compact states).
- Have satisfactorily completed the following prerequisite courses: chemistry (8 hours); microbiology (including lab); anatomy and physiology (6-8 hours) nutrition (covering lifespan in health and illness); social sciences (9 hours) and a general psychology course (3 hours).
- Three professional letters of reference.
- Personal statement of goals and objectives.

Prior to Admission to Graduate Program

- Complete the BSN with at least a 3.0 GPA.
- Achieve a competitive score on the combined verbal and the quantitative portions of the Graduate Record Examination.
Bachelor of Science in Nursing Courses

- RN’s are exempt from sophomore level Nursing 201 (Introduction to Nursing) and will be given proficiency credit based on RN status.
- RN students will take the NLN Acceleration Challenge Exams prior to starting upper division coursework. If a decision score of 100 is achieved (per section), the student will receive proficiency credit for Nursing 361, 403, 461, and 421.
- Proficiency credit can be obtained in courses marked with an asterisk (*).

Bachelor of Science in Nursing Degree

- A baccalaureate degree in nursing will be awarded upon completion of all required level 300 and 400 courses.
- A total of 123 undergraduate credit hours are required for the baccalaureate degree with the last 30 hours of credit completed in residence at the university of Tennessee, Knoxville.

The following schedules demonstrate full-time attendance. Plans for part-time attendance must be arranged with the RN advisor and communicated to all involved faculty.

ADULT HEALTH NURSING

432 Health Promotion, Maintenance and Restoration in Community ................. 3
305 Transitions to Professional Nursing ....................................................... 5
*333 Health Assessment ........................................................................... 1
*351 Pharmacology I ............................................................................. 2
511 Statistical Application to Nursing Research (OR equivalent) ................ 3
*319 Pathophysiology of Health Deviations ........................................ 4
*406 Pharmacology II ........................................................................... 2
454 Professional Leadership Issues .......................................................... 2
442 Directed Clinical Practice in Community Health Nursing .................. 1
501 Nursing Research ........................................................................... 3
510 Theoretical Foundations of Nursing ..................................................... 3
503 Health Promotion in Advanced Practice ........................................... 3
515 Advanced Clinical Pathophysiology .................................................. 3
504 Advanced Health/Physical Assessment .............................................. 3
505 Advanced Pharmacology ................................................................ 3
520 APN and Health Care Delivery Systems ........................................... 3
530 Adult Health Nursing I ..................................................................... 6
582 Scholarly Inquiry for APN ................................................................. 3
531 Adult Health Nursing II .................................................................... 7

MENTAL HEALTH NURSING

432 Health Promotion, Maintenance and Restoration in Community ................. 3
305 Transitions to Professional Nursing ....................................................... 5
*333 Health Assessment ........................................................................... 1
*351 Pharmacology I ............................................................................. 2
511 Statistical Application to Nursing Research (OR equivalent) ................ 3
*319 Pathophysiology of Health Deviations ........................................ 4
544 Professional Leadership Issues .......................................................... 2
442 Directed Clinical Practice in Community Health Nursing .................. 1
501 Nursing Research ........................................................................... 3
510 Theoretical Foundations of Nursing ..................................................... 3
503 Health Promotion in Advanced Practice ........................................... 3
515 Advanced Clinical Pathophysiology .................................................. 3
504 Advanced Health/Physical Assessment .............................................. 3
505 Advanced Pharmacology ................................................................ 3
520 APN and Health Care Delivery Systems ........................................... 3
560 Psych/Mental Health Nursing I .......................................................... 6
582 Scholarly Inquiry for APN ................................................................. 3
561 Psych/Mental Health Nursing II ........................................................... 6

NURSING OF WOMEN AND CHILDREN**

432 Health Promotion, Maintenance and Restoration in Community ................. 3
305 Transitions to Professional Nursing ....................................................... 5
*333 Health Assessment ........................................................................... 1
*351 Pharmacology I ............................................................................. 2
511 Statistical Application to Nursing Research (OR equivalent) ................ 3
*319 Pathophysiology of Health Deviations ........................................ 4
544 Professional Leadership Issues .......................................................... 2
442 Directed Clinical Practice in Community Health Nursing .................. 1
501 Nursing Research ........................................................................... 3
510 Theoretical Foundations of Nursing ..................................................... 3
503 Health Promotion in Advanced Practice ........................................... 3
515 Advanced Clinical Pathophysiology .................................................. 3
504 Advanced Health/Physical Assessment .............................................. 3
505 Advanced Pharmacology ................................................................ 3
520 APN and Health Care Delivery Systems ........................................... 3
571 Family Nurse Practitioner I ............................................................... 4
572 Family Nurse Practitioner II .............................................................. 6
582 Scholarly Inquiry for APN ................................................................. 3

FAMILY NURSE PRACTITIONER

432 Health Promotion, Maintenance and Restoration in Community ................. 3
305 Transitions to Professional Nursing ....................................................... 5
*333 Health Assessment ........................................................................... 1
*351 Pharmacology I ............................................................................. 2
511 Statistical Application to Nursing Research (OR equivalent) ................ 3
*319 Pathophysiology of Health Deviations ........................................ 4
*406 Pharmacology II ........................................................................... 2
544 Professional Leadership Issues .......................................................... 2
442 Directed Clinical Practice in Community Health Nursing .................. 1
501 Nursing Research ........................................................................... 3
510 Theoretical Foundations of Nursing ..................................................... 3
503 Health Promotion in Advanced Practice ........................................... 3
515 Advanced Clinical Pathophysiology .................................................. 3
504 Advanced Health/Physical Assessment .............................................. 3
505 Advanced Pharmacology ................................................................ 3
520 APN and Health Care Delivery Systems ........................................... 3
571 Family Nurse Practitioner I ............................................................... 4
572 Family Nurse Practitioner II .............................................................. 6
582 Scholarly Inquiry for APN ................................................................. 3

NURSING ADMINISTRATION

432 Health Promotion, Maintenance and Restoration in Community ................. 3
305 Transitions to Professional Nursing ....................................................... 5
*333 Health Assessment ........................................................................... 1
*351 Pharmacology I ............................................................................. 2
511 Statistical Application to Nursing Research (OR equivalent) ................ 3
*319 Pathophysiology of Health Deviations ........................................ 4
*406 Pharmacology II ........................................................................... 2
544 Professional Leadership Issues .......................................................... 2
442 Directed Clinical Practice in Community Health Nursing .................. 1
501 Nursing Research ........................................................................... 3
510 Theoretical Foundations of Nursing ..................................................... 3
503 Health Promotion in Advanced Practice ........................................... 3
515 Advanced Clinical Pathophysiology .................................................. 3
504 Advanced Health/Physical Assessment .............................................. 3
505 Advanced Pharmacology ................................................................ 3
520 APN and Health Care Delivery Systems ........................................... 3
591 Nursing Administration Microanalysis ............................................. 6
590 Nursing Administration Macroanalysis ............................................. 6
582 Scholarly Inquiry for APN ................................................................. 3

**PNP students must complete a graduate level child development course
**NNP students must complete Nursing 577
DOCTOR OF PHILOSOPHY
Nursing Major

The College of Nursing offers a doctoral program leading to the Doctor of Philosophy degree with a major in nursing. This is a unified program offered jointly with the University of Tennessee, Memphis, College of Nursing. Students may complete all or part of the program at either site. The dissertation must be completed in its entirety at one site.

The doctoral program prepares nursing scholars capable of integrating research, theory, and practice into their roles as researchers, educators, and/or administrators. Specifically, the graduate of this program should be able to:

- Analyze, test, refine, and expand the theoretical basis of nursing.
- Conduct research that generates knowledge and advances nursing as a discipline.
- Provide leadership as nurse scientists who can function in a variety of roles and settings.
- Collaborate with members of other disciplines in health-related research.
- Develop, implement, evaluate, and recommend health care policy.
- Demonstrate professionalism, advocacy, ethical principles and scientific integrity.

ADMISSION

- Meet requirements for admission to graduate study.
- Hold a master’s degree in nursing from a program accredited by the National League for Nursing. Some outstanding applicants who are prepared at the bachelor’s level in nursing may be considered. In such cases, graduate level courses in nursing theory, concentration specialty, and/or research will be integrated into the formal program of doctoral degree requirements.
- Have a minimum cumulative graduate grade point average of 3.3 on a 4.0 scale for previous college work.
- Achieve a competitive score on the combined verbal and quantitative portions of the Graduate Record Exam.
- Have successfully completed a basic statistics course and graduate nursing theory and research courses prior to enrollment in nursing doctoral level courses.
- Have TOEFL scores of at least 550 if native language is not English.
- Complete Graduate Program Data Form, College of Nursing.
- Submit Graduate Rating Forms from three college level instructors and/or nurses and administrators who have supervised applicant’s professional work.
- Submit a sample of scholarly writing (e.g., thesis, published paper).
- Submit an essay describing personal and professional aspirations.
- Submit Graduate Application for Admission, academic transcript(s), Graduate Record Examination scores, and, if required, TOEFL scores to the Office of Graduate Admissions. Submit three Graduate Rating Forms, sample of scholarly writing, and Graduate Program Data Form with essay to the Director of the PhD program prior to November 1 of the year prior to fall admission.
- Schedule a personal interview with the College of Nursing PhD Student Admissions Committee prior to March 15 of the year preceding fall admission. International applicants may be interviewed by telephone or teleconferencing at the discretion of the admissions committee.

REQUIREMENTS

The following courses are required for all students:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>601 Philosophy and Theory for Nursing Science</td>
<td>3</td>
</tr>
<tr>
<td>603 Nursing Research and Inquiry</td>
<td>3</td>
</tr>
<tr>
<td>605 Middle-Range Theoretical Formulations for Nursing Science Development</td>
<td>3</td>
</tr>
<tr>
<td>606 Nursing Research Seminar</td>
<td>3</td>
</tr>
<tr>
<td>607 Qualitative Nursing Research</td>
<td>3</td>
</tr>
<tr>
<td>608 Quantitative Nursing Research</td>
<td>3</td>
</tr>
<tr>
<td>609 Research Practicum*</td>
<td>2</td>
</tr>
<tr>
<td>610 Nursing Science Seminar</td>
<td>2</td>
</tr>
<tr>
<td>612 Health and Nursing Policy/Planning</td>
<td>3</td>
</tr>
<tr>
<td>613 Nursing Leadership in Complex Systems</td>
<td>3</td>
</tr>
<tr>
<td>— Inferential Statistics</td>
<td>3</td>
</tr>
<tr>
<td>— Multivariate Statistics</td>
<td>3</td>
</tr>
<tr>
<td>— Cognates</td>
<td>6</td>
</tr>
<tr>
<td>— Elective</td>
<td>3</td>
</tr>
<tr>
<td>600 Dissertation</td>
<td>24</td>
</tr>
</tbody>
</table>

Total 67

* Note: 1 hour per semester, must be taken for 2 semesters. Possible cognate areas include, but are not limited to, anthropology, child and family studies, psychology, education, management, medical ethics, public health, social work, philosophy, and statistics.

Doctoral Committee

Early in the student’s program, a nursing faculty advisor will be selected by the student in consultation with the program director. The student’s comprehensive examination committee consists of the faculty teaching core courses and one representative from the cognate area. The student then selects the dissertation committee. Four faculty holding the rank of assistant professor or above comprise the committee, three of whom (including the chair) must be approved by the Graduate Council to direct doctoral dissertations. At least one member of the committee must be from an academic unit other than nursing.

Special Policies

- A maximum of 6 graduate hours taken before acceptance into the doctoral program may be applied toward the degree.
- A minimum grade of B in all nursing doctoral courses and a 3.0 cumulative GPA are required for continuation in the program.

Gerontology Minor

Graduate students in the College of Nursing may pursue a specialized minor in gerontology. This interdepartmental/interdisciplinary minor gives the student an opportunity for combining the knowledge about aging in American society with his/her major concentration.
Nursing Education Minor

Graduate students in the College of Nursing may pursue a nursing education minor. The minor consists of 12 hours: 6 hours in Nursing and 6 in Education. Required courses in the College of Nursing are 566 Education Principles and Strategies (3) and 565 Nursing Education Practicum (3). Students select from a listing of courses in the College of Education, Health, and Human Sciences (see CON Graduate Handbook for listing) or may substitute courses at the discretion of the student and advisor.

Graduate Certificates

The College of Nursing offers certificates for nurses who need additional training. A master’s degree in nursing is required for admission.

The total hours will vary depending on the student’s academic record, clinical experience and objectives. Students must complete a minimum of 12 credits. Most students complete 16-20 hours of course credit with the exception of those pursuing the nurse anesthesia certificate. Typically, this certificate program requires students who have completed the master’s degree in nursing within the preceding five years to complete 60-70 hours of course credit. Contact the MSN chair for more information.

• Adult Health Nursing

Course requirements are 530, 531, and 572, plus additional hours as determined by the college.

• Family Nurse Practitioner

Course requirements are 570, 571, and 572, plus additional hours as determined by the college.

• Mental Health Nursing

Course requirements are 560 and 561, plus additional hours as determined by the college.

• Nurse Anesthesia

In addition to the general requirements for admission to graduate study and the College of Nursing, the following are required of all nurse anesthesia certificate applicants:

• One year of critical care experience with adult clients.
• Certification in Advanced Cardiac Life Support (ACLS) and Pediatric Advanced Life Support (PALS).
• A personal interview.

Course requirements are 506, 516, 517, 518, 521, 522, 523 of nurse anesthesia didactic content, plus additional hours as determined by the college and 54 hours of nurse anesthesia clinical practice courses, 544, 545, 546, 547, 548, 549, 583.

• Nursing Administration

Course requirements are 590 and 591, plus additional hours as determined by the college.

• Nursing Education

The post-master’s certificate in Nursing Education consists of 12 hours: 6 hours in Nursing and 6 in Education. Required courses in the College of Nursing are 566 (3) and 565 (3). Students select from a listing of courses in the College of Education, Health, and Human Sciences (see CON Graduate Handbook for listing) or may substitute courses at the discretion of the student and advisor.

GRADUATE COURSES

Nursing (720)

400 Aging and Society (3) An examination of the health and social effects of longevity and the aging process including societal and personal attitudes about old age. Resources, trends, issues, and potentials of aging are explored. Required of all students in all colleges.

402 Gerontology Practicum (3) Off-campus supervised experience in gerontology. Offered as part of the gerontology minor. Open to students in all colleges. Prereq: Consent of instructor.

500 Thesis (1-15) P/NP only.

501 Nursing Research: Methods, Design, and Analysis (3) Basic principles of research process in application to clinical questions; critical evaluation of nursing and health-related research. Prereq or coreq: Graduate level statistics.

502 Registration for Use of Facilities (1-15) Required for the student not otherwise registered during any semester when student uses university facilities and/or faculty time before degree is completed. May not be used toward degree requirements. May be repeated. Satisfactory/No Credit grading only.

503 Health Promotion in Advanced Practice Nursing (3) Principles of health promotion, education, and innovative strategies for achieving wellness of individuals, families, groups, and communities. Prereq: Admission to MSN program or consent of instructor.

504 Advanced Health/Physical Assessment (3) Development of advanced clinical reasoning and assessment skills to determine client health status and needs. Application of physiological, pathophysiological, and psychosocial concepts with implications for advanced practice nursing. Didactic (2.5) and lab (5). Prereq: Admission to MSN program or consent of instructor.

505 Advanced Clinical Pharmacology (3) Pharmacological agents utilized to treat common, recurrent health problems; indications, contraindications, side and interactive effects of commonly prescribed drugs. Prereq: Undergraduate pharmacology course or consent of instructor.


509 Graduate Seminar in Public Health (1) Same as Exercise Science 509; Nutrition 509; Public Health 509; Social Work 509.

510 Theoretical Foundations of Nursing (3) Historical evolution of nursing science; nursing’s metaparadigm and selected philosophies, conceptual models and theories as structures which guide critical thinking in analysis, reasoning, and decision making for advanced practice nursing. Prereq: Admission to MSN program or consent of instructor.

511 Statistical Applications to Nursing Research (3) Descriptive and inferential statistics: statistical concepts and applications to clinical settings and their applications to advanced practice nursing.

515 Advanced Pathophysiology for Nursing Practice (3) Advanced physiologic and pathophysiologic concepts, principles, and theories applied to deviations of human systems. Prereq: Undergraduate pathophysiology course.

516 Advanced Pathophysiology: Neurological/Cardiovascular with Anesthesia Implications (2) Review of anatomy and physiology and integration of pathophysiology involved in patients requiring anesthetic care for surgical procedures (both children and adults) with and without cardiopulmonary bypass, intercavernous surgical procedures for vascular and mass occupying lesions, patients requiring somatosensory evoked potential monitoring, and patients requiring anesthesia for noncardiac and non-neurological procedures who present with either neurological and/or cardiovascular comorbidity. Prereq: 521. Coreq: 523.


520 Advanced Practice Nursing and Health Delivery Systems (3) Nursing’s role in dynamic health care system: health policy and organizational, social, ethical, political, economic and technological factors which impact advanced practice nursing. Prereq: Admission to MSN program or consent of instructor.


522 Integrated Health Science for Anesthesia (3) Fundamental principles of anesthesiology and physiology as related to practice of anesthesia. Prereq: Consent of instructor. May be repeated.


531 Adult Health Nursing II (7) Continuation of 530. Didactic and practicum. Prereq: 504, 505, 510, 520.

544-545, 546-547, 548-549 Clinical Nurse Anesthesia Practicum/Seminar I, II, III, IV, V, VI (2-11) Integration and application of theoretical foundations and development of clinical skills in nurse anesthesia practice under supervision of Certified Registered Nurse Anesthetist (CRNA) and/or anesthesiologist. Prereq: 504, 505, 510, 515. Must be taken in sequence.

550 Nursing of Women and Children I (8) Advanced practice nursing for women and children: Clinical experience in role of nurse practitioner or clinical nurse specialist in various settings. Prereq: Consent of instructor. May be repeated.


565 Teaching Practicum I (1-6) Individually designed teaching experience in collegiate nursing program or nursing practice setting. Objectives to be developed collaboratively by student and faculty. Prereq: Consent of instructor. May be repeated.

566 Educational Principles and Strategies (3) Exploration and analyses of selected education, curriculum, teaching-learning, measurement, and evaluation principles and theories as applied to instruction of undergraduate nursing students, staff development, and patient education. Prereq: Consent of instructor.

570 Family Nurse Practitioner I (4) Application of advanced health/physical assessment and diagnostic reasoning in nursing management and primary care of individuals and their families with actual and potential acute health problems; clinical experience in role of family nurse practitioner in variety of settings. Prereq: Consent of instructor.

571 Family Nurse Practitioner II (6) Continuation of 570. Didactic (2) and practicum (4). Prereq: Consent of instructor.

572 Family Nurse Practitioner III (7) Continuation of 571. Advanced management of chronic health problems of individuals and families in all developmental life stages; role refinement and exploration of major issues of family nurse practitioner; clinical experience in variety of settings. Didactic (2) and practicum (5). Prereq: Consent of instructor.

577 Special Topics (1-3) Topic is determined by faculty and student interest. Prereq: Consent of instructor. May be repeated. Maximum 6 hours.

582 Scholarly Inquiry for Advanced Practice Nursing (3) Utilization of research process through experiential learning or critical evaluation of science in area of interest. Conducted under faculty guidance and culminating in scholarly paper. Prereq: Consent of instructor. May be repeated. Maximum 6 hours.

583 Directed Clinical Practice (1-12) Additional opportunities for advanced practice nursing. Prereq: Consent of instructor. May be repeated. Maximum 6 hours.


590 Nursing Administration: Macro-Analysis (6) Exploration, analysis, and application of selected organizational, management, and leadership theories and financial principles to delivery of nursing services. Prereq: Consent of instructor. May be repeated. Maximum 6 hours.

591 Nursing Administration: Micro-Analysis (6) Utilization of human and financial resources, conflict resolution, and organizational development with application to mid-level and top-level nursing administration positions. Didactic (2) and practicum (4). Prereq: Consent of instructor. May be repeated. Maximum 6 hours.

593 Independent Study (1-3) Prereq: Consent of instructor. May be repeated. Maximum 6 hours.

600 Doctoral Research and Dissertation (3-15) P/NP only.

601 Philosophy and Theory for Nursing Science (3) Philosophical and historical context of nursing science; in-depth analysis of health-related theories as frameworks for knowledge building; concept development in theory building.

602 Middle-Range Theoretical Formulations for Nursing Science Development (3) Extant and emerging middle-range theories instrumental in nursing science development. Prereq: Consent of instructor. May be repeated. Maximum 12 hours.

603 Nursing Research and Inquiry (3) Philosophical, theoretical, and empirical bases for nursing inquiry. Prereq: Consent of instructor. May be repeated. Maximum 12 hours.

606 Nursing Research Seminar (3) Selected topics pertaining to dissertation proposal process, research experience, and defense.

607 Qualitative Nursing Research (3) Critique and application of qualitative research methods. Prereq: Consent of instructor. May be repeated. Maximum 6 hours.

608 Quantitative Nursing Research (3) Critique and application of quantitative research methods. Prereq: Consent of instructor. May be repeated. Maximum 6 hours.

610 Nursing Science Seminar (2) Critical Analysis and synthesis of literature in selected focus area within nursing science. Prereq: Admission to doctoral program in nursing or consent of instructor.

612 Health and Nursing Policy/Planning (3) Policies affecting nursing education and practice; health policies and political processes; interactions between health professionals, consumer groups, and government in health policy development and health planning activities.

613 Nursing Leadership in Complex Systems (3) Analysis and evaluation of nursing leadership/management in complex professional, academic and health care systems.

614 Nursing Preceptorship (3) Individually-designed practicum, field, or internship experiences in variety of administrative, educational, research, or clinical practice settings. Prereq: Consent of instructor.