BACHELOR OF SCIENCE IN NURSING (B.S.N.)

The Baccalaureate Nursing program is an upper division program leading to a Bachelor of Science in Nursing (B.S.N.) degree. Candidates for the program take their first two (i.e. freshman and sophomore) years of general education credits at any accredited college of their choice.

There are two tracks of study in the B.S.N. program:

1. Accelerated Track (http://nursing.uthscsa.edu/programs/ugrad/Tracks/accelerated.aspx) - designed to meet the learning needs of the individual who has completed a prior BS or higher degree in a field other than nursing. The Accelerated Track will require 15 months of continuous full-time intensive study. The faculty recommends that students in this track do not work while in the program. Candidates will be admitted to this track once per year in May.

2. Traditional Track (http://nursing.uthscsa.edu/programs/ugrad/Tracks/traditional.aspx) - an upper division completion track for individuals completing their first baccalaureate degree and who are not registered nurses. Students will complete this program in 2 years of full-time during fall and spring semesters with summers off. Candidates are admitted in both the fall and spring semester of each year.

Transfer between tracks is not permitted.

B.S.N. Admissions Requirements

Degree: Bachelor of Science in Nursing (B.S.N.):

**Traditional**

Program Length: Completion of the track generally requires two years (four semesters) of full-time study.

**General Admission Requirements**

To be considered for admission to the Traditional Bachelor of Science (B.S.N.) Program the following factors are required:

- NursingCAS application service fee
- Complete at least 51 of the 60 semester credit hours of required prerequisite courses. Students must complete all required math and science prerequisite courses at the time of application. For a list of required courses, click here (http://nursing.uthscsa.edu/students/eqvTables.asp). If accepted, the remaining 9 hours of non-math/science required courses (example: Introduction to Psychology, Growth & Development, and Introduction to Sociology) must be completed prior to the first day of new student orientation.
- Submit official transcript(s) from each post-secondary institution attended to NursingCAS. International transcripts must be evaluated by an accredited foreign credential service. *For more information regarding international applicant requirements, click here (http://nursing.uthscsa.edu/students/intApplicants.asp).
- Minimum 2.5 cumulative GPA
- Minimum 3.0 math/science GPA
- Take the TEAs Exam with a minimum cut-off score of 65% to be eligible for admission. A reading score of 69% or below is used to identify students at risk. Students at risk will be required to complete the Weaver intensive reading program. (For information regarding the TEAs exam content, click here (http://www.atitesting.com.).)
- Official copy of Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS) score, if international applicant. TOEFL and IELTS scores can be no more than two (2) years old. A minimum TOEFL score of 550 is required on the paper examination; minimum 250 on the computer-based examination; or, minimum 68 on the internet based examination. A minimum IELTS score of 6.5 is required. TOEFL school code: 3383
- CPR certification – BLS for Healthcare Providers through American Heart Association
- Current Required Immunizations (http://nursing.uthscsa.edu/shc/hc_immunization.asp)
- Proof of Current Health Insurance Coverage (http://students.uthscsa.edu/studentlife/2013/03/health-insurance)
- Clear Criminal Background Check
- Basic Computer Skills
- School of Nursing processing fee effective Spring 2017

Application Deadline: Deadline for fall entrance is February 1. Deadline for spring entrance is August 1.

Pre-Matriculation Seat Fee Deposit: Once offered admission payment of $500 pre-matriculation seat fee deposit is required to reserve a seat in the class. $250 of the seat fee will be credited to tuition following the official census date of the beginning semester. $250 of the seat fee is a School of Nursing processing fee and is non-refundable. Failure to enroll will result in forfeiture of the entire fee.

**Start Term:** Fall or Spring

**Contact:**

Office of Admissions
School of Nursing
UT Health Science Center San Antonio
Floyd Curl Drive, MSC 7945
San Antonio, Texas 78229-3900
Phone: 210-567-5805
Toll Free: 877-235-0341
FAX 210-567-6189
http://nursing.uthscsa.edu/

Degree: Bachelor of Science in Nursing (B.S.N.):

**Accelerated**

Program Length: Completion of the track requires fifteen months of full-time study.

**General Admission Requirements**

To be considered for admission to the Accelerated Bachelor of Science (B.S.N.) Program the following factors are required:

- NursingCAS application service fee
- Hold or attain a non-nursing baccalaureate degree from an accredited institution prior to the start of the nursing program
• Complete at least 51 of the 60 semester credit hours of required prerequisite courses. Students must complete all required math and science prerequisite courses at the time of application. For a list of required courses, click here (http://nursing.uthscsa.edu/students/eqvTables.asp). If accepted, the remaining non-math/science required courses (example: Introduction to Psychology, Growth & Development, and Introduction to Sociology) must be completed prior to the first day of new student orientation.

• Submit official transcript(s) from each post-secondary institution attended to NursingCAS. International transcripts must be evaluated by an accredited foreign credential service. *For more information regarding international applicant requirements, click here (http://nursing.uthscsa.edu/students/intApplicants.asp).

• Minimum 2.5 cumulative GPA
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• Take the TEAs Exam with a minimum cut-off score of 65% to be eligible for admission. A reading score of 69% or below is used to identify students at risk. Students at risk will be required to complete the Weaver intensive reading program. (For information regarding the TEAs exam content, click here (http://www.atitesting.com).)

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• CPR certification – BLS for Healthcare Providers through American Heart Association

• Current Required Immunizations (http://nursing.uthscsa.edu/shc/hc_immunization.asp)

• Proof of Current Health Insurance Coverage (http://students.uthscsa.edu/studentlife/2013/03/health-insurance)

• Clear Criminal Background Check

• Basic Computer Skills

• School of Nursing application fee

**Application Deadline:** Deadline for May entrance is December 15. (Accelerated B.S.N. applications are accepted only once each year)

**Pre-Matriculation Seat Fee Deposit:** Once offered admission payment of $500 pre-matriculation seat fee deposit is required to reserve a seat in the class. $250 of the seat fee will be credited to tuition following the official census date of the beginning semester. $250 of the seat fee is a School of Nursing processing fee and is non-refundable. Failure to enroll will result in forfeiture of the entire fee.

**Start Term:** May

**Contact:**

Office of Admissions
School of Nursing
UT Health Science Center San Antonio
7703 Floyd Curl Drive, MSC 7945
San Antonio, Texas 78229-3900
Phone: 210-567-5805
Toll Free: 877-235-0341

FAX 210-567-6189

http://nursing.uthscsa.edu/

**B.S.N. Degree Requirements and Graduation**

**Requirements**

To be eligible for graduation, a student must have a 2.0 grade point average for the required 60 semester hours of upper-division course work. At least 30 of the last 33 semester hours of the nursing major must be completed at the School of Nursing (http://nursing.uthscsa.edu). All coursework must be completed within a four year time limit.

**Procedures for Degree Candidates**

A candidate for a degree must (1) register in the semester in which the degree is to be received and (2) file an Application for Graduation Form degree with the Office of the University Registrar (http://students.uthscsa.edu/registrar) during the semester prior to the term in which the degree is to be granted.

Degrees will be conferred only on official dates publicly announced. Commencement ceremonies are held in December and May of each year.

**Graduation with Honors**

Students whose upper-division grade point average is above 3.4 will be awarded the degree with honors. The honors designation is noted on the diploma and the transcript, and honor students receive special recognition at graduation ceremonies. To receive these honors, students must complete at least 30 semester credit hours in residence.

Honors designations are based on the following scale:

- 3.5–3.69 Cum Laude
- 3.7–3.89 Magna Cum Laude
- 3.9–4.0 Summa Cum Laude

**Registration as a Professional Nurse**

A student seeking registration as a professional nurse must take and pass the National Council Licensure Examination for Registered Nurses (NCLEX-RN) (http://www.ncsbn.org/nclex.htm) administered by the Board of Nursing for the State of Texas (http://www.bne.state.tx.us). The Board may refuse to approve persons to take the licensure examination, may refuse to issue or renew a license or certificate of registration, or may refuse to issue a temporary permit to any individual who has been arrested for anything other than a minor traffic violation.

As of 1996, an individual applying for the NCLEX-RN (http://www.ncsbn.org/nclex.htm) examination must answer the questions listed below:

1. Have you ever been denied licensure by a licensing/certifying authority in any country, state, or province?
2. Have you ever had disciplinary action taken against you by any licensing/certifying authority in any country, state, or province?
3. Have you ever been convicted of a crime other than minor traffic violations?
4. Have you been diagnosed with or treated or hospitalized in the past five (5) years for schizophrenia or other psychotic disorders, bipolar disorder, paranoid personality disorder, antisocial personality disorder, or borderline personality disorder? (You may answer “no” if you have completed and/or are in compliance with TPAPN, Texas...
Peer Assistance Program for Nurses (http://www.texasnurses.org/?page=TPAPN), for mental illness.)
5. Have you been addicted to or treated for the use of alcohol or any other drug within the past five (5) years? (You may answer “no” if you have completed and/or are in compliance with TPAPN for substance abuse.)
6. Have you ever been issued any order concerning your eligibility for professional nurse registration in that state?
7. If the answer to any of these questions is “yes,” the student must contact the Texas Board of Nursing (http://bon.texas.gov).

The student will receive information about Initial Licensure and instructions about FBI background checks through the School of Nursing.

All 120 hours for the degree must be completed before the student is eligible to take the NCLEX-RN (http://www.ncsbn.org/nclex.htm).

A student planning to take the NCLEX-RN in another state must obtain information regarding procedure from the agency responsible for professional nurse registration in that state.

Registration
Entering students must register and pay tuition and fees by the official dates listed in the Academic Calendar (http://students.uthscsa.edu/registrar/2013/04/academic-calendar) provided by the Office of the University Registrar. All students must register for courses every semester, excluding summer, to be considered continuously enrolled. Students are expected to pre-register during stated Health Science Center required times. Students may register up to the official first class day without late fees or penalties. Please refer to General Admission Requirements for the list of materials (and related policies) that must be received prior to registration. Those who do not register in the School of Nursing for three consecutive terms are considered to have withdrawn and their School of Nursing records are deactivated. Deactivated students may not register for courses, take examinations, submit Application for Degree or Degree Plan forms, or otherwise participate in the University community and the School of Nursing. Students must re-apply for admission.

The procedure for registration can be found on the Office of the University Registrar (http://students.uthscsa.edu/registrar) website.

Degree Requirements
Students are responsible for knowing degree requirements and for enrolling in courses that fit their degree programs. Students are likewise responsible for knowing the School of Nursing (http://nursing.uthscsa.edu) program regulations with regard to the standard of work required for continuance and eligibility for graduation.

B.S.N. Curriculum and Plans of Study
The undergraduate nursing curriculum is completed in two phases, the first of which is the 60 semester hours of basic liberal arts required for admission to the School of Nursing (http://nursing.uthscsa.edu) (Pre-nursing Course Requirements).

The second phase encompasses the major in nursing and is presented in the junior and senior years. The curriculum includes 60 semester hours of upper-division nursing courses at the School of Nursing. Taken in either the Traditional Track or Accelerated Track, these courses are designed to prepare the baccalaureate nurse for practice in a variety of settings and specialties.

Students may complete the 60 hours of required nursing courses through the Traditional Track or the Accelerated Track. The Traditional Track is designed to be completed in 2 years of full-time study fall and spring term. All coursework must be completed within a four year time limit. The Accelerated track is designed to be completed in 15 months full-time. The School of Nursing reserves the right to revise curriculum to remain current with national nursing practice standards.

Traditional B.S.N.
The Traditional B.S.N. track is designed for individuals entering the School of Nursing without prior nursing knowledge, experience, or skills. Completion of the track generally requires two years (four semesters) of full-time study.

*Please note that the contact hours for each course are notated by Cont in each plan of study.

Traditional B.S.N. Program Plan -(Full-Time Study) Semester 5

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<thead>
<tr>
<th>Course Number</th>
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<td>NURS 330</td>
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Semester 6 Traditional

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Bachelor of Science in Nursing (B.S.N.)

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<td>NURS 431</td>
<td>Care of The Adult 1: Clinical Application</td>
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<td>NURS 421</td>
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**Total Credit Hours:** 10.0 4.0 0.0 330.0 14.0

**Semester 8 Traditional**

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<td>NURS 421</td>
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**Total Credit Hours:** 6.0 9.0 0.0 495.0 15.0

**Accelerated B.S.N.**

The Accelerated B.S.N. track is designed for individuals who hold a baccalaureate degree in a field other than nursing. Completion of the track requires 15 months of full-time study. The program may only be undertaken on a full-time basis. The SON faculty recommends that students not attempt outside employment during their studies due to the intensive nature of studies.

**Accelerated B.S.N. Program Plan (Full-Time Study)**

**Semester 5 Accelerated**

<table>
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<tr>
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**Total Credit Hours:** 8.0 8.0 0.0 480.0 16.0
Bachelor of Science in Nursing (B.S.N.)

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<tr>
<td>NURS 337</td>
<td>Foundations of Nursing Care: Clinical Applications</td>
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**Semester 6 Accelerated**

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<td>Family Nursing Care: Theoretical Foundations</td>
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<td>NURS 327</td>
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<td>NURS 337</td>
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| Total       |                                                  | 11.0   | 5.0      | 0.0 | 390.0 | 16.0 |

**Semester 7 Accelerated**

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| Total       |                                                  | 10.0   | 5.0      | 0.0 | 375.0 | 15.0 |

**Semester 8 Accelerated**

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<tr>
<td>NURS 432</td>
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<td>NURS 423</td>
<td>Leadership and Management: Clinical Application</td>
<td>2</td>
<td>90</td>
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<tr>
<td>NURS 442</td>
<td>Clinical Immersion</td>
<td>4</td>
<td>180</td>
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<td>4</td>
</tr>
</tbody>
</table>

| Total       |                                                  | 6.0    | 8.0      | 0.0 | 450.0 | 14.0 |

**Time Limit**

Undergraduate students must successfully complete all coursework toward the degree within four years of the date of initial enrollment in the program.
B.S.N. Program Outcomes
At the completion of the baccalaureate program the student will demonstrate the following:

1. Incorporate knowledge, skills, and attitudes from the liberal arts and sciences in professional nursing education and practice.
2. Apply knowledge and skills of organizational and systems leadership, quality improvement and patient safety in promoting safe, high-quality care for diverse patients across healthcare systems and environments.
3. Analyze and apply evidence from research and other information sources as a basis for nursing practice.
4. Incorporate knowledge and skills in using information systems and a range of patient-care technologies to facilitate delivery of quality patient care.
5. Advocate for financial and regulatory healthcare policies, processes, and environments that improve the nature and functioning of the healthcare delivery system and nursing practice.
6. Collaborate and communicate effectively with healthcare professionals to promote positive working relationships, improve patient health outcomes, and deliver quality, safe patient care.
7. Promote individual and population health by assessing factors that influence individual and population health and apply principles and culturally appropriate health promotion and disease-prevention strategies. Demonstrate consistent application of the core values of the discipline of nursing and the professional standards of moral, ethical, and legal conduct.
8. Demonstrate consistent application of the core values of the discipline of nursing and the professional standards of moral, ethical, and legal conduct.
9. Integrate the knowledge, skills, and attitudes expected of baccalaureate prepared nurses by providing professional nursing care to diverse patients and populations across the lifespan, healthcare settings, and healthcare environments.

B.S.N. Program Policies
Assessment Technologies Institute (ATI)
The faculty of the School of Nursing has adopted the comprehensive program developed by Assessment Technologies Institute, LLC (ATI) (http://www.atitesting.com) as an assessment of student learning and preparation for success on the NCLEX-RN (https://www.ncsbn.org/nclex.htm) licensing examination. The ATI program is initiated during the application process for incoming students when the TEAS (Test of Essential Academic Skills (http://www.atitesting.com/onlinestore/productpage.aspx?code=166&isproduct=1)) is administered and continues with learning assessments used throughout the program.

Purchase of the ATI materials at the beginning of the program is mandatory. Completion of all ATI materials/exams, as designated in each course syllabus falling within a given semester, is required. In addition, students are required to purchase supplemental resource products during the senior year. The learning materials are designed to increase student confidence in computer-based testing, and to improve application of nursing process, critical thinking skills, and competencies required of new graduates in nursing to pass the NCLEX-RN (https://www.ncsbn.org/nclex.htm). Our goal is to ensure that students are well prepared academically and experientially for the licensing examination and practice in the rapidly changing healthcare environment.

Transfer Students
Individuals who wish to transfer into the B.S.N. program of the School of Nursing (http://nursing.uthscsa.edu) must have completed the 60 hours of pre-nursing coursework required by this institution and accumulated a minimum grade point average of 3.0 in required courses and an overall grade point average of 2.50. Applicants must also be in good standing and eligible for readmission at their current/former school of nursing.

At least 30 of the final 33 hours of work in the nursing major must be completed at the Health Science Center (http://www.uthscsa.edu) School of Nursing. Application deadlines are February 1 (fall), August 1 (spring) and December 15 (summer). The GPA of transfer students must be competitive for the current incoming class.

Please note any applicant who previously attended a school of nursing must be in good standing and eligible for readmission at their current/former school of nursing.

Grades and Progression
The standing of students in their work is expressed by five grades: A (excellent), B (above average), C (average), D (below average), F (failure). Students may also register in certain courses on a pass/fail basis, in which case the grade is recorded as either Pass (P) or Fail (F) and no letter grade is assigned. All required nursing theory courses in the Bachelor of Science in Nursing program Traditional and Accelerated tracks must be taken for a letter grade. A grade may not be changed after it has been reported to the Registrar unless an error has been made by the instructor. Clinical courses are graded as P or F.

Although a grade of D can be earned in a required nursing course, it is a failing grade and a grade of C or higher is necessary for progression to the next required course in the sequence or for graduation. In elective nursing courses, credit may be earned for a grade of D.

In computing the grade point average, the following scale of points per semester credit hour is used:

- A = 4 points (90-100)
- B = 3 points (80-89)
- C = 2 points (75-79)
- D = 1 point (66-74)
- F= 0 points (65 or below)
- W = withdraw

Note: Final numeric grades are calculated to two decimal places and rounded mathematically as follows:

- Less than 0.50 – Round down to next whole number – (i.e.”89.49” would be rounded to “89”)
- 0.50 or greater – Round up to next whole number – “90.50” would be rounded to “91”

Students must make a “C” (75) or higher in all nursing courses to progress in the program.

Satisfactory Progress
To be considered as making satisfactory progress, a student must maintain a cumulative grade point average of 2.0 or above with no grade lower than C in required upper-division nursing courses.
Students will be required to take the nationally normed ATI tests throughout the program.

**Repetition of a Course**

Students cannot retake nursing courses for a grade in which they have already received a passing grade.

**Dean’s List**

The GPA for full-time students for Dean's List is 3.5. Fall and spring students should be enrolled at least 12 hours, and 6 hours for summer.

**Progression in the Program**

Students must earn a C or above in each required course of the undergraduate program in order to progress in the program. An undergraduate student who earns a D, F or W, in a required nursing course must repeat the course in question during the semester immediately following receipt of the grade or during the next semester in which the course is offered following receipt of the grade based on space availability. Newly admitted students, and enrolled students, have priority over other students seeking to repeat a course.

Students who receive a F or W in a clinical course must request permission to repeat a clinical course. Requests to repeat the course will be reviewed by the Committee on Undergraduate Studies (COUS). Course and clinical faculty will review the performance of the failing student and will make recommendations to the COUS based on the student’s overall performance in the course in question. Students who have a documented pattern of unsafe or unprofessional clinical performance during the semester and have not improved following remediation will be rated as low priority for repeating the course and may not be permitted to repeat the course. Therefore, the student who is not granted permission to repeat a failed course in the semester immediately following a failure or during the next semester in which the course is offered due to a documented pattern of significant unprofessional or unsafe performance will be dismissed from the nursing program.

Unsafe clinical performance is defined as “an act that is harmful or potentially detrimental to the patient, self, or other health personnel (Luhanga, Yonge, and Myrick, 2008, p.1).” Unprofessional conduct is defined as the rules set forth in the Texas State Board of Nursing Rules and Regulation § 217.12. Unprofessional Conduct. The purpose of these rules is to identify unprofessional or dishonorable behaviors of a nurse which the board believes are likely to deceive, defraud, or injure clients or the public. Actual injury to a client need not be established.

Students who earn a D or F in a required course, or whose average falls below C (GPA falls below 2.0), will be placed on academic probation for one semester/term. If at the end of the semester/term, the student has achieved a GPA of 2.0 or above with no grade lower than C in required nursing courses, he or she will be removed from academic probation.

Students who earn a D or F in two required nursing courses (or from the same course twice) will be dismissed academically from the undergraduate nursing program and will be ineligible for readmission. Dismissed students will have the opportunity to petition for reinstatement in the program at the conclusion of the semester in which they receive a failure in a clinical or a 2nd D or F in a required course. The student will be provided ten minutes to present to the voting members of the Committee on Undergraduate Studies the extenuating circumstance that caused their low performance and the plan for success if provided the opportunity to continue in the program. Students will only be allowed to continue if the faculty perceive there to be conditions beyond the students control that caused their unacceptable academic performance and the student is able to demonstrate that those issues have been resolved.

**Advisement Program for Students on Academic Probation**

A student who is allowed to repeat a course, or who is on academic probation will be required to participate in an advisement program. The student will be required to sign a contract with the Associate Dean for Undergraduate Studies agreeing to participate in the advisement program. The student will also be required to meet regularly for the advisement program with an Academic Coach within in the Student Success Center. Failure to comply with the contract constitutes cause for dismissal.

**Scholastic Probation**

A student whose GPA falls below 2.0 but has no grade lower than C in required upper-division nursing courses will be placed on scholastic probation for one semester/term. If at the end of the semester/term, the student has achieved a GPA of 2.0 or above with no grade lower than C in required nursing courses, he or she will be removed from scholastic probation.

A student who fails to remediate her or his probationary status in one semester/term will be dismissed and will be ineligible for readmission.

**Examinations**

Examinations must be taken on the date and time scheduled. Policies regarding missed examinations are stated in course syllabi.

**Graduate Credit**

Undergraduate students may be eligible to take graduate courses in nursing. These credit hours taken by undergraduate students may be applied toward the graduate degree as long as these credits are not used toward the undergraduate degree. Credit hours may be applied toward the graduate degree only after the student has been admitted to and is enrolled in the graduate program.

**Outside Employment**

The nursing program expects students to be enrolled full-time. Full-time students are encouraged not to plan full-time employment while enrolled in the program. A student’s combined employment and semester-hour load should not exceed 40 hours per week.

Students may be employed as unlicensed care givers such as patient care assistants and certified nursing assistants, performing functions for which they have received training in the institution and for which the institution has a clearly discernible policy either in writing or by precedent defining the scope of these functions. Any individual not licensed in the State of Texas, or a Compact State with multi-state privileges, to practice professional nursing who engages in such practice is doing so illegally and may be prosecuted accordingly. Supervision by the professional, licensed nurse does not provide protection to the student or make the student’s actions legal.

Students should be aware that: (1) the School of Nursing (http://nursing.uthscsa.edu) assumes no responsibility for their activities as an employee of an agency; (2) the students are personally responsible and liable for any activity they participate in while employed; (3) professional liability insurance purchased by students through the School of Nursing is only valid in their student roles, not their employment roles; (4) individuals who practice illegally may jeopardize their future. Persons who are convicted of violation of the Nurse Practice Act may not be
eligible to take the NCLEX-RN (http://www.ncsbn.org/nclex.htm) and subsequently receive licensure.

Students employed in an agency have the responsibility, personally and professionally, to engage only in those activities which fall within their job description as nonprofessional workers (i.e., aides). They have a responsibility to refuse to participate in activities that they have not been legally licensed to perform (i.e., giving medication, assuming total responsibility for a division, etc.).

Students may not wear their school uniform, patch or student name badge at their place of employment.

Courses

**NURS 3110. Health Assessment: Clinical Application. 1 Credit Hour.**
This course provides an opportunity for application of health assessment theory and skills in a simulated practice setting with emphasis on the adult and geriatric populations. Credit Hours: 1 semester hour (1 hour clinical skills laboratory).

**NURS 3204. Health Assessment: Theoretical Foundations. 2 Credit Hours.**
This course focuses on the theory and practice of health assessment of individuals and families across the lifespan with emphasis on the adult and geriatric populations. Corequisites: NURS 3110.

**NURS 3205. Psychiatric and Mental Health: Theoretical Foundations. 2 Credit Hours.**
This course focuses on the promotion, maintenance, and restoration of mental health across the lifespan with an emphasis on professional relationships, therapeutic communication, and the understanding of psychopathology. Success completion of semester 5 is required. Clock hours: 2 semester hours (2 hours theory) Corequisites: NURS 3206.

**NURS 3206. Psychiatric and Mental Health Nursing: Clinical Application. 2 Credit Hours.**
This course provides the opportunity for clinical experience for nursing intervention development for promoting, maintaining, and restoring mental health across the lifespan integrating principles of professional relationships, therapeutic communication, and concepts of psychopathology. Clock hours: 2 semester hours (2 hours clinical). Corequisites: NURS 3205.

**NURS 3207. Care Of Childbearing Families: Theoretical Foundations. 2 Credit Hours.**
This course addresses holistic care of women and their families during the childbearing years with emphasis on health promotion and risk reduction. Successful completion of semester 5 is required. Clock hours: 2 semester hours (2 hours theory) Corequisites: NURS-3208.

**NURS 3208. Care Of Childbearing Families: Clinical Application. 2 Credit Hours.**
This course provides opportunity for clinical application of holistic care of women and their families during the childbearing years with emphasis on health promotion and risk reduction. Clock hours: 2 semester hours (2 hours clinical) Corequisites: NURS 3207.

**NURS 3270. Professional Socialization 2. 2 Credit Hours.**
This course addresses professional values, ethical and legal foundations, principles of social justice, history of nursing, and the roles of the 21st Century nurse with an emphasis on safety and quality. Credit Hour Allocation: 2 semester hours (2 hours theory). Admission to the Accelerated Undergraduate Program is required.

**NURS 3272. Health Assessment and Promotion: Theoretical Foundations. 2 Credit Hours.**
This course focuses on the theory and practice of health assessment of individuals and families across the lifespan. Admission to the Accelerated Undergraduate Program is required. Credit Hour Allocation: 2 semester hours (2 hours theory). Corequisites: NURS 3273.

**NURS 3273. Health Assessment and Promotion: Clinical Application. 2 Credit Hours.**
This course provides an opportunity for application of health assessment theory and development of skills in a simulated practice setting. 2 semester hours (2 hours clinical skills laboratory) Corequisite: NURS 3272.

**NURS 3274. Psychiatric and Mental Health Nursing: Theoretical Foundations. 2 Credit Hours.**
This course focuses on the promotion, maintenance, and restoration of mental health across the lifespan with an emphasis on professional relationships, therapeutic communication, and the understanding of psychopathology. Credit Hour Allocation: 2 semester hours (2 hours theory). Successful completion of Semester 5 is required.

**NURS 3275. Psychiatric and Mental Health Nursing: Clinical Application. 2 Credit Hours.**
This course provides clinical experience for nursing intervention development for promoting, maintaining, and restoring mental health across the lifespan integrating principles of professional relationships, therapeutic communication, and concepts of psychopathology. Credit Hour Allocation: 2 semester hours (2 hours theory) Corequisites: NURS 3274.

**NURS 3303. Concepts of Professional Nursing. 3 Credit Hours.**
This course addresses professional role development integrating concepts of multidimensional care and skills of inquiry and analysis to inform clinical decision making, professional judgement, and lifelong learning. Admission to the traditional undergraduate program is required.

**NURS 3304. Pharmacotherapeutics. 3 Credit Hours.**
This course provides the foundation for safe, effective drug therapy and the role of the nurse in health promotion, disease prevention, and management. Successful completion of semester 5 is required.

**NURS 3305. Foundations of Clinical Nursing Practice: Clinical Application. 3 Credit Hours.**
This course provides practice experience for clinical decision making and interventions with individuals, including a special focus on the older adult, in diverse settings using a patient centered, holistic, caring framework. Corequisites: NURS 3330.

**NURS 3309. Pathophysiology. 3 Credit Hours.**
This course focuses on concepts of pathophysiology essential to understanding the diseases and disabling conditions that can affect the body systems across the lifespan. Clock hours: 3 semester hours (3 hours theory). Admission to the Traditional Track of the undergraduate program is required.

**NURS 3314. Pathophysiology (Alternate Entry). 3 Credit Hours.**
This course focuses on concepts of pathophysiology essential to understanding the diseases and disabling conditions that can affect the body systems across the lifespan. Admission to the Graduate Nursing Alternate Entry Program is required to take this course.
NURS 3321. Transitions In Professional Nursing (Alternate Entry). 3 Credit Hours.
This course addresses continuing professional role development for Registered Nurses who are returning to school to prepare for advanced generalist roles as Clinical Nurse Leaders or Administrative Managers at the graduate level. The focus is on integrating multidimensional care, skills of inquiry and analysis, and a broadened focus on individuals, families, and populations to inform clinical reasoning in changing health care environments. Admission to the Graduate Nursing Alternate Entry Program is required to enroll in this course.

NURS 3330. Foundations of Clinical Nursing Practice -Theoretical Foundations. 3 Credit Hours.
This course provides a scientific foundation for clinical practice with individuals in diverse settings using a concept-based, patient-centered, holistic framework. Admission to the Traditional or Accelerated Track program is required.

NURS 3365. Pharmacology. 3 Credit Hours.
This course provides the foundation for safe, effective drug therapy and the role of the nurse in health promotion, disease prevention, and management. Successful completion of semester 5 is required.

NURS 3370. Pathophysiology. 3 Credit Hours.
This course focuses on concepts of pathophysiology essential to understanding the diseases and disabling conditions that can affect the body systems across the lifespan. Admission to the Accelerated Undergraduate Program is required.

NURS 3371. Foundations of Nursing Care: Clinical Applications. 3 Credit Hours.
In this course the student will have the opportunity to develop foundational clinical competencies for providing safe, quality patient care in a clinical setting. Credit Hour Allocation: 3 semester hours (3 hours clinical). Corequisites: NURS 3330.

NURS 3372. Family Nursing Care: Theoretical Foundations. 3 Credit Hours.
This course focuses on the care of families across the lifespan with emphasis on childbearing and childrearing families and their roles, functions, and dynamics with regard to health promotion and risk reduction. Successful completion of Semester 5.

NURS 3373. Family Nursing Care: Clinical Applications. 3 Credit Hours.
This course provides the opportunity for clinical application of nursing care for families across the lifespan with emphasis on childbearing and childrearing families and their roles, functions, and dynamics with regard to health promotion and risk reduction. Credit Hour Allocation: 3 semester hours (3 hours clinical). Prerequisites: NURS 3171 Corequisites: NURS 3372.

NURS 3374. Research and Evidence-Based Practice. 3 Credit Hours.
This course integrates concepts from research and information management that apply to the generation, appraisal, use, and dissemination of evidence that informs safe, quality nursing practice. Credit Hour Allocation: 3 semester hours (3 hours theory). Successful completion of semester 5.

NURS 3375. Research And Evidence Based Practice. 3 Credit Hours.
This course addresses the role of research in professional nursing practice including conduct of research, research sources utilization and dissemination, and principles and models of evidence-based practice. Students can enroll in this course with successful completion of semester 1.

NURS 3376. Research and Evidence-Based Practice (Alternate Entry). 3 Credit Hours.
This course integrates concepts from research and information management that apply to the generation, appraisal, use, and dissemination of evidence that informs safe, quality nursing practice.

NURS 4210. Child and Family Health: Theoretical Foundations. 2 Credit Hours.
This course addresses holistic care of children and families with emphasis on health promotion, disease management, and injury prevention through therapeutic nursing assessment and intervention across environments. Credit Hour Allocation: 2 semester hours (2 hours theory). Successful completion of semester 6 is required.

NURS 4211. Child and Family Health: Clinical Application. 2 Credit Hours.
This course addresses holistic care of children and families with emphasis on health promotion, disease management, and injury prevention through therapeutic nursing assessment and intervention across environments. Credit Hour Allocation: 2 semester hours (2 hours clinical) Prerequisites: NURS 4210 Corequisites: NURS 4210.

NURS 4217. Population Focused Health: Clinical Application. 2 Credit Hours.
This course provides experience for application of population focused health promotion and disease and injury prevention based on determinants of local, national, and global health including lifestyle, environmental, cultural, and genetic factors. Credit Hour Allocation: 2 semester hours (2 hours clinical) Corequisites: NURS 4317.

NURS 4227. Population Focused Health: Clinical Applications. 2 Credit Hours.
This course provides clinical experience for application of population focused health promotion, and disease and injury prevention based on determinants of local, national, and global health including lifestyle, environment, cultural, and genetic factors. Credit Hour Allocation: 2 semester hours (2 hours clinical) Corequisites: NURS 4327.

NURS 4230. Leadership and Management: Clinical Application. 2 Credit Hours.
This course provides opportunity for clinical application of nursing leadership and management in diverse settings to promote quality patient outcomes. Credit Hour Allocation: 2 semester hours (2 hours clinical) Corequisites: NURS 4329.

NURS 4311. Care Of The Adult 1: Theoretical Foundations. 3 Credit Hours.
This course focuses on theoretical principles regarding holistic care of the adult experiencing chronic health problems within diverse settings. Credit Hour Allocation: 3 semester hours (3 hours theory) Prerequisites: Completion of Semester 6 Corequisite: NURS-4314.

NURS 4314. Care of The Adult 1: Clinical Application. 3 Credit Hours.
This course provides opportunity for clinical application regarding holistic care of the adult experiencing chronic health alterations. Successful Completion of Semester 6. Credit Hour Allocation: 3 semester hours (3 hours clinical). Prerequisites: NURS 4311 Corequisites: NURS 4311.

NURS 4315. Care of The Adult 2: Theoretical Foundations. 3 Credit Hours.
This course addresses holistic care of the acutely and critically ill adult experiencing complex health alterations while in acute care settings. Credit Hour Allocation: 3 semester hours (3 hours theory). Prerequisites: NURS 4311 and NURS 4314.
NURS 4316. Care of The Adult 2: Clinical Application. 3 Credit Hours.
This course provides clinical experience for holistic patient-centered care of the acutely and critically ill adult experiencing complex health alterations within acute care settings. Credit Hour Allocation: 3 semester hours (3 hours clinical) Corequisites: NURS 4315.

NURS 4317. Population Focused Health: Theoretical Foundations. 3 Credit Hours.
This course addresses population focused health promotion and disease and injury prevention based on determinants of local, national, and global health including lifestyle, environmental, cultural, and genetic factors. Credit Hour Allocation: 3 semester hours (3 hours theory). Successful completion of semester 7 is required.

NURS 4319. Leadership and Management: Theoretical Foundations. 3 Credit Hours.
This course presents theoretical principles of nursing leadership and management in diverse settings to promote quality patient outcomes. Credit Hour Allocation: 3 semester hours (3 hours theory). Successful completion of semester 7 is required.

NURS 4320. Leadership and Management: Clinical Application. 3 Credit Hours.
This course provides opportunity for clinical application of nursing leadership and management in diverse settings to promote quality patient outcomes. Credit Hour Allocation: 3 semester hours (3 hours clinical). Corequisites: NURS 4319.

NURS 4327. Population Focused Health: Theoretical Foundations. 3 Credit Hours.
This course addresses population focused health promotion, and disease and injury prevention based on determinants of local, national, and global health including lifestyle, environmental, cultural, and genetic factors. Successful completion of semester 7 is required.

NURS 4329. Leadership and Management: Theoretical Foundations. 3 Credit Hours.
This course presents theoretical principles of nursing leadership and management in diverse settings to promote quality patient outcomes. Credit Hour Allocation: 3 semester hours (3 hours theory). Successful completion of Semester 7 is required.

NURS 4333. Nursing Leadership: Theoretical Foundations. 3 Credit Hours.
This course presents theoretical principles of nursing leadership and management in diverse settings to promote quality patient outcomes. Clock Hours: 3 semester hours (3 hours theory). Prerequisites: NURS 3272 and NURS 3273.

NURS 4403. Disease Management 3: Clinical Application. 5 Credit Hours.
This course is the clinical component for Disease Management I: Theoretical Foundations and Disease Management II: Theoretical Foundations that focuses on the nursing care and decision making related to multiple disease concepts across the lifespan. Concurrent or successful completion of NURS 4501 Disease Management I: Theoretical Foundations and NURS 4502 Disease Management II: Theoretical Foundations.

NURS 4420. Transition To Professional Nursing Practice: Clinical Immersion. 4 Credit Hours.
This course is a clinical immersion experience designed to provide comprehensive learning opportunities that promote integration of baccalaureate learning outcomes to prepare the graduate for professional nursing practice. Completion of all Traditional Undergraduate Program courses is required.

NURS 4423. Clinical Immersion. 4 Credit Hours.
This course facilitates the transition of the student into professional practice through preceptorship by Registered Nurses in a variety of settings. Credit Hour Allocation: 4 semester hours (4 hours clinical). Completion of all Accelerated Undergraduate Program courses is required.

NURS 4501. Disease Management 1: Theoretical Foundations. 5 Credit Hours.
This course emphasizes nursing care and decision making regarding patients across the lifespan experiencing alterations in metabolism, circulation, oxygenation, elimination, immunology/inflammation, and sexuality. Successful completion of semester 6 is required. (5 hrs Theory).

NURS 4502. Disease Management 2: Theoretical Foundations. 5 Credit Hours.
This course emphasizes nursing care and decision making regarding patients across the lifespan experiencing alterations in coordination and control, cellular differentiation, cognitive/sensory, fluid and electrolytes, sepsis, and trauma. (5 hrs Theory) Prerequisites: NURS 4501.

NURS 4533. Disease Management III-Clinical Application. 5 Credit Hours.
This course is the clinical component for Disease Management I: Theoretical Foundations and Disease Management II: Theoretical Foundations that focuses on the nursing care and decision making related to multiple disease concepts across the lifespan.

NURS 5219. Maximizing System and Human Resources to Improve Health. 2 Credit Hours.
This is one of a series of graduate level courses that provides the nursing management and leadership foundation necessary to create safe, healthy, professional environments that empower interdisciplinary health care teams to engage patients and deliver optimal patient and system outcomes. Integration of internal and external forces impacting complex adaptive healthcare systems sets the context for a focus on human resource management at a clinical unit, clinic, department and service level as well as building capacity for event response. Big data analysis, trending, and benchmarking complement best practices in human resourcing and employment law to manage current human and relational resources. Additional focus includes the role of strategic staff development in anticipation of market dynamics, quality and service demands, technology, artificial intelligence and advances in science; including genomics and epigenetics. Students emerge with the capacity to leverage complex internal and external system dynamics, evidence, and information in order to establish healthy work environments and to manage and lead healthcare teams that deliver safe quality outcomes.

NURS 5306. Theoretical Foundations for Advanced Nursing Practice. 3 Credit Hours.
In this course students analyze interdisciplinary theories that inform research, practice and scholarship in healthcare.

NURS 5307. Translational Research for Advanced Nursing Practice. 3 Credit Hours.
In this course students learn the application of research in nursing and healthcare. Emphasis is placed on interpreting, evaluating and translating research to improve practice and healthcare outcomes. Graduate standing is required to register for this course.

NURS 5338. Advanced Pathophysiology. 3 Credit Hours.
In this course students focus on advanced pathophysiological processes across the lifespan, incorporating use of clinical reasoning skills to distinguish alterations across multiple physiological systems. 3 clock hours class (45 hours class). Open for Cross Enrollment on Space Available Basis.
NURS 5339. Leadership and Health Policy for Quality and Safety. 3 Credit Hours.
Leadership principles and theories germane to an increasingly complex, rapidly changing global healthcare landscape will be explored. Primary focus will be the development of change capacity and policy making within microsystems, mesosystems and macrosystems to transform health. Global health impact, interprofessional collaboration, and advocacy initiatives will be explored. Course content will include complexity theory and continuous quality improvement models, processes and tools to realize measurable health outcomes. Analysis will include political, demographic and economic forces that influence health policy and professional practice. Nuanced ethical and legal dimensions of practice will be explored. Reflective analysis of individual student leadership development will frame learning application. Graduate standing is required to register for this course. Open for Cross Enrollment on Space Available Basis.

NURS 5356. Financial and Economic Evidence In Health Care. 3 Credit Hours.
The student is introduced to the economic and financial factors affecting practice in a complex healthcare environment. Principles of healthcare economics, third party reimbursement, developing budgets, variance and economic evaluation methods, are considered.

NURS 6071. Supervised Teaching. 1-6 Credit Hours.
Directed teaching in the major area under close supervision of one or more faculty members is required of each doctoral student. Up to six semester credit hours toward a degree may be granted to the student who satisfactorily completes the graduate courses in Supervised Teaching in her/his area of study. (Optional).

NURS 6104. Integration and Transition Seminar. 1 Credit Hour.
This course provides students the opportunity to share their individual micro-meso-macro systems analyses, experiences and insights and to extend their learning through collective dialogue. Practicum project successes and lessons learned will form the basis of student discussions focused on strategic and operational decision making and problem solving, human and resource management, interprofessional relationships and the related roles and responsibilities of nurse leaders / nurse executives across the continuum of care. Discoveries, challenges and developmental plans related to the leader within will be explored. Constructive reflection and peer coaching will be used to lay the foundation for student success. Prerequisites: NURS 5219, NURS 6405 and NURS 6314 Corequisites: NURS 6313, NURS 6331 and NURS 6330.

NURS 6108. Nursing Administration Practicum 1. 1 Credit Hour.
This introductory nursing administration practicum provides an opportunity for the student to utilize specialization specific tools and competencies to explore the leader within themselves and to identify personal challenges and opportunities for professional success. Students will assess leadership roles in their desired area of focus and establish a personal plan for professional development to assume desired roles. While locally focused, students will also explore the interconnection of local health and nursing leadership to global health. Identification and establishment of a program sustaining preceptorship with an experienced nurse executive in a selected institutional or community-based health care setting to accomplish the student's professional development plan is the defining accomplishment of this course. Prerequisite: NURS 5339.

NURS 6110. Advanced Health Assessment: Clinical Application. 1 Credit Hour.
This course focuses on applying advanced health assessment skills; developing clinical basis for advanced assessment in nursing practice; collecting, interpreting and summarizing database; documenting findings; and presenting complete problem list. Clock Hours: 3 clock hours clinical (45 hours clinical). Prerequisites: An undergraduate health assessment course or comparable equivalent and; Corequisites: NURS 6210.

NURS 6120. Clinical Nurse Leader Role 2: Seminar. 1 Credit Hour.
This seminar is designed to provide students enrolled in the CNO capstone clinical course the opportunity to discuss and analyze leadership challenges in the development and implementation of the CNL role in various health care microsystems. Clock hours: 1 semester class hour (15 clock hours class). Prerequisite: NURS 6230 and NURS 6233 Corequisites: NURS 6822.

NURS 6130. Nurse Practitioner Conceptual Basis For Advanced Practice Nursing. 1 Credit Hour.
The purpose of this course is to provide a conceptual basis for advance practice nursing. Students examine nurse practitioner competencies with emphasis on acquiring knowledge and skills to assume leadership roles in health care delivery, health policy, and complex health care systems. Research and quality improvement mechanisms to implement change are explored.

NURS 6132. Population State of the Science. 1 Credit Hour.
This course provides a foundation for understanding of evidence-based clinical prevention and population care and services to individuals, families and aggregates/identified populations through the identification of key competencies and relevant and predictable learning opportunities in their practice settings.

NURS 6134. Clinical Application 1: Facilitation of Learning in an Academic Setting. 1 Credit Hour.
This practicum course provides students the opportunity to explore the scope and responsibilities of teaching in an academic setting; including exposure to regulatory processes and faculty governance, as well as, faculty practice, service research and scholarship activities. Students will also begin direct engagement in teaching students in their area of practice or population foci in classroom, online, lab, simulation and clinical settings. Prerequisites: NURS 6132 and NURS 6260 Corequisites: NURS 6262.

NURS 6136. Clinical Application 2: Facilitation of Learning in an Academic Setting. 1 Credit Hour.
This practicum course provides students the opportunity to expand direct engagement in teaching students in their area of practice or population foci in classroom, online, lab, simulation and clinical settings. Focus is on assuming a beginning leadership role in designing and implementing learning modules and strategies that support curriculum outcomes and reflect best practices, as well as, assumption of clinical teaching responsibilities and course maintenance in collaboration with faculty preceptor. Prerequisites: NURS 6132, NURS 6260, NURS 6262, and NURS 6134 Corequisites: NURS 6264.
NURS 6138. Clinical Application 3: Facilitation of Learning Across Health Systems. 1 Credit Hour.
This practicum course provides students the opportunity to explore the scope and responsibilities of educators in community health system environments. Clinical activities support understanding responsiveness to human resourcing, competency maintenance, safety, and staff development for enhanced clinical and system outcomes. Additional focus includes use of technology and informatics applications that support learning in diverse practice settings. Prerequisites: NURS 6132, NURS 6260, NURS 6262, NURS 6134, NURS 6264 and NURS 6136 Corequisites: NURS 6266.

NURS 6202. Nursing Administration Practicum 2. 2 Credit Hours.
This course continues the program's sustaining preceptorship and builds on the Practicum 1 foundation in three ongoing areas of leadership development: the leader within each student, a complexity based system analysis, and the application of theory through a clinical practicum project. Students will have the opportunity to engage in the system actively in order to begin a micro-meso-macro systems analysis and to establish project specific relationships. A systematic evaluation of opportunities for improvement will provide the basis for practicum project selection. The semester will culminate with the involved stakeholder's commitment to a general plan and timeline for practicum project implementation and evaluation. Students will reflect on their development across the semester and identify areas for ongoing growth as they plan for their next practicum. Portfolio development will continue. Prerequisites: NURS 5339, NURS 5306, NURS 6315 and NURS 6108 Corequisites: NURS 5356, NURS 5219 and NURS 5307.

NURS 6210. Advanced Health Assessment and Clinical Reasoning. 2 Credit Hours.
This course will build upon health assessment skills developed in the professional nurse's basic educational program. The theoretical and clinical basis for assessment in advanced practice will be developed. The process whereby the advanced clinician utilizes comprehensive physical, psychosocial, and cultural assessment across the lifespan, to gather specific data relevant to common health problems, is demonstrated. Faculty and preceptors facilitate laboratory and clinical experiences that focus on assessment of clients and presentation of findings in a variety of settings. An undergraduate health assessment course or comparable experience is required. Course Fees: Lab $30 Corequisites: NURS 6110.

The focus of this course is on assessment of clinical Microsystems in healthcare settings to identify needed changes in clinical trajectory for patients within the system. Development of the role of the CNL as a patient care coordinator and educator for an interprofessional team is the aim of this course. Improving patient safety, quality outcomes, and planning for implementation of innovations in care based on evidence-based practice will be discussed. Clock hours: 30. Prerequisites: NURS 5339, NURS 5338, NURS 6210, NURS 6302, NURS 5306, NURS 5307, NURS 5356, NURS 6315, and NURS 6380.

NURS 6233. Clinical Nurse Leader 1: Role Of The Adv Generalist In Healthcare Microsystems - Clin Applications. 2 Credit Hours.
This course is a practicum course designed to assist the CNL in assessing a particular clinical microsystem of healthcare and designing educational programs for patients, families, and the interprofessional team. The focus of the assessment is on improving patient safety and selected quality outcomes based on evidence-based practice. Clock hours: 90 clinical clock hours, 30 hours clinical conference. Prerequisites: NURS 5339, NURS 5338, NURS 6210, NURS 6302, NURS 5306, NURS 5307, NURS 5356, NURS 6315, and NURS 6380 Corequisites: NURS 6230.

NURS 6250. Advanced Health Promotion, Health Protection, and Disease Prevention. 2 Credit Hours.
Students analyze theories and research from nursing, health promotion, health protection and disease prevention. Family, human development, patient education and community are the foundation for exploring the phenomena of family focused care. Data grounded in epidemiological sources, health histories and family assessments are examined as the basis for identification of risk factors. Prerequisites: NURS 5306 and NURS 5307.

NURS 6260. Intro: Nursing Education Theories & Trends. 2 Credit Hours.
This course will introduce the nursing education theories and trends that influence the development of nursing education programs in academic and service settings.

NURS 6262. Curriculum. 2 Credit Hours.
This course is designed to introduce the student to the process of curriculum development. The teaching and learning processes are examined from the standpoint of education and nursing research and the effect on various curriculum patterns. Students are introduced to selected learning theories and strategies to promote critical thinking and active learning. The course provides opportunity for examination for factors that influence curriculum development, implement, and evaluation in interprofessional education. Prerequisites: NURS 6132 and NURS 6260 Corequisites: NURS 6134.

NURS 6264. Strategies that Facilitate Learning Across Delivery Modalities and Systems. 2 Credit Hours.
This course focuses on theory and evidence based strategies enacted to create successful learning and environments; including responsiveness to individual student and staff characteristics and learning needs, desired outcomes, content and context. Additional focus includes technology and informatics applications that support learning in classroom, distance, skills lab, simulation, clinical education, and health care systems practice sites. Prerequisites: NURS 6132, NURS 6260, NURS 6262 and NURS 6134 Corequisites: NURS 6136.

NURS 6266. Evaluation in Education. 2 Credit Hours.
This course is designed to introduce the student to the process of curriculum evaluation. Strategies for assessing and evaluating learning outcomes will be examined. Students are introduced to methods of classroom and clinical evaluation. The course provides opportunity for examination of comprehensive program evaluation. Prerequisites: NURS 6132, NURS 6260, NURS 6262, NURS 6134, NURS 6132, NURS 6138 and NURS 6136 Corequisites: NURS 6136.

NURS 6302. Advanced Pharmacotherapeutics. 3 Credit Hours.
This course focuses on advanced practice knowledge and skills in the therapeutic use of pharmacologic agents including pharmacologic treatment of major health problems, pharmacokinetics principles, pharmacodynamics, pharmacogenomics and legal aspects of prescribing. Clock Hours: three clock hours class (45 hours class). Open for Cross Enrollment on Space Available Basis. Prerequisites: NURS 5338.

NURS 6312. Advanced Mental Health Concepts. 3 Credit Hours.
The focus of this course is developing the theoretical basis for advanced practice nursing in mental health using a holistic perspective to examine the etiology, meaning and consequences of human behavior. Graduate Standing is a prerequisite for this course.
NURS 6313. Program Planning and Evaluation for Transitions, Transformation and Integration. 3 Credit Hours.
This course provides the opportunity to explore management problems in healthcare settings with an emphasis on program planning and evaluation. Using analytical and problem-solving skills, processes, strategies, and evidenced-based practice, students will be given the opportunity to develop theory-based interventions and evaluation strategies. Prerequisites: NURS 5356, NURS 5306 and NURS 5307 Corequisites: NURS 6331 and NURS 6104.

NURS 6314. Nursing Administration Practicum 3. 3 Credit Hours.
This course continues the program sustaining preceptorship and the three ongoing areas of leadership development: the leader within each student, a complexity-based system analysis, and the application of theory through a clinical practicum project. Students will be expected to actively engage in the system to further analyze system dynamics and to advance their project. A theory and evidenced-based logic model demonstrating best practices for decision making, financial analysis, and evaluation will be developed to support and track full project implementation. Culmination of the semester will reflect the practicum project's full implementation and substantive progress toward completion. Students will again reflect on their development across the semester and to identify areas for ongoing growth as they plan for their final practicum. Portfolio development will continue. Prerequisites: NURS 5356, NURS 5306 and NURS 5307 Corequisites: NURS 6405.

NURS 6315. Informatics & Health Care Technologies. 3 Credit Hours.
This course addresses advanced leadership roles in the clinical setting related to information systems and patient care technology. The content focuses on information systems that assist in monitoring outcomes and quality improvement, patient safety, and evaluation and selection of patient care technology and consumer health information sources. Legal and ethical issues related to information systems and patient care technology will be explored. Graduate Standing is a prerequisite for this course. Open for Cross Enrollment on Space Available Basis.

NURS 6330. Nursing Administration Practicum 4. 3 Credit Hours.
This final practicum course in the program completes the sustaining preceptorship and the three ongoing areas of leadership development: the leader within each student, a complexity-based system analysis, and the application of theory through a clinical practicum project. A summative complex systems analysis will be performed. Students will assume aspects of the nurse leader/nurse executive role as they finalize practicum project activities. Presentations of outcomes as well as plans for sustainment, and opportunities for continued improvement complete the student's project responsibilities. As the nursing administration practicum series ends the students will use the AONE Nurse Leader Competencies, as well as, their preferred professional future, to reflect on their development across the program. They will have the opportunity to build a personal professional action plan that supports their transition into the marketplace and is supported by their finalized academic portfolio. Prerequisites: NURS 6405 and NURS 6314 Corequisites: NURS 6313, NURS 6331 and NURS 6104.

NURS 6331. Economics and Advanced Financial Management. 3 Credit Hours.
This course covers advanced financial management concepts relevant to managing the business of healthcare. Key concepts covered include principles of advanced financial management, interpretation of financial statements, regulatory requirements imposed by payers and accreditors, advanced budgeting and variance analysis, forecasting, and productivity management. The role of the Administrative Nurse Manager in interprofessional financial planning for quality, safety, and financial stability will be addressed. Prerequisites: NURS 5356 Corequisites: NURS 6313 and NURS 6104.

NURS 6380. Fundamentals of Epidemiology. 3 Credit Hours.
This course is designed to study the distribution and determinants of health and disease in human populations. Improving health by altering personal and environmental risk factors will be a major focus. Epidemiological research using technology and public health informatics will be introduced. Clock hours: 45 clock hours. Open for Cross Enrollment on Space Available Basis.

NURS 6405. Transforming Complex Healthcare Systems for Quality and Safety. 4 Credit Hours.
This course focuses on student comprehension of organizational systems from traditional theories and structures through complexity theory. The dynamic influences of external and internal environmental changes and contemporary influences at microsystem, mesosystem and macrosystem levels are explored. Students will analyze current and emerging problems related to multiple aspects of quality and safety within healthcare systems. The unique role of nursing in quality improvement, including conceptualization and redesign of effective care delivery models, and care environments that address gaps in science and delivery of patient care services will be explored. Prerequisites: NURS 5339 or NURS 6222.

NURS 6412. Psychiatric Mental Health Nurse Practitioner Diagnosis and Mgmt: Concepts and Theory 1. 4 Credit Hours.
This course provides the theoretical basis for the competencies of the Psychiatric Mental Health Nurse Practitioner (PMHNP). This course lays the scientific foundation for independent practice as the RN transitions to the role of the Nurse Practitioner in health promotion, disease prevention, diagnosis and management of illness in psychiatric patients across the lifespan. Using self-directed learning strategies, disorders of approximately one half of the physiologic/psychological systems are examined. Psychotherapies and theories of half of psychopathology are surveyed. Additionally, this course emphasizes collaborative, partnership development among patients, families, and interprofessional teams. Prerequisites: NURS 5339, NURS 5306, NURS 5307, NURS 5356, NURS 6315, NURS 6250, NURS 5338, NURS 6302, NURS 6110, NURS 6210, NURS 6312.

NURS 6416. Psychiatric Mental Health Nurse Practitioner (PMHNP) Diagnosis And Mgmt: Concepts & Theory 2. 4 Credit Hours.
The focus of this course is refinement of the Psychiatric Mental Health Nurse Practitioner (PMHNP) role in health promotion, disease prevention, diagnosis and management in psychiatric practice with diverse populations across the lifespan. Using problem-based and self-directed learning strategies, disorders of the remaining physiologic systems and psychiatric disorders are examined. Emphasis is placed on differentiating signs and symptoms to formulate possible diagnoses and determining the effect of the illness on the family. In addition, the nurse practitioner’s role as a collaborative member of the interprofessional team will be evaluated. Prerequisites: NURS 5339, NURS 5306, NURS 5307, NURS 5356, NURS 6315, NURS 6250, NURS 5338, NURS 6302, NURS 6110, NURS 6210, NURS 6312 and NURS 6412.
NURS 6423. Pediatric Nurse Practitioner (PNP) Primary Care Diagnosis And Management: Concepts And Theory 1. 4 Credit Hours.
This course provides the theoretical basis for the competencies of the Nurse Practitioners (NP). This course lays the scientific foundation for independent practice as the RN transitions to the role of the Nurse Practitioner in health promotions, disease prevention diagnosis and management of illness in primary healthcare practice in diverse infant, child and adolescent population. Using self-directed learning strategies, disorders approximately one half of the physiologic systems are examined. Additionally, this course emphasizes and collaborative partnership development among patients families and interprofessional teams. Clock Hours: 60 clock hours didactic Prerequisites: NURS 5306, NURS 5307, NURS 5356, NURS 5339, NURS 6210, NURS 6312, NURS 5338, NURS 6315, NURS 6250, NURS 6302, and NURS 6110.

NURS 6428. Pediatric Nurse Practitioner (PNP) Primary Care Diagnosis And Management: Concepts And Theory 2. 4 Credit Hours.
The focus of this course is refinement of the Pediatric Nurse Practitioners role in health promotion, disease prevention, diagnosis and management in primary health care practice with diverse population from birth through adolescence. Using problem-based and self-directed learning strategies, disorders of the remaining physiologic system are examined. Emphasis is placed on differentiating signs and symptoms to formulate possible diagnosis and determining the effect of the illness on the family. In addition, practitioner role as a collaborative member of the interprofessional team will be evaluated. Clock hours: 60 hours Prerequisites: NURS 5339, NURS 5306, NURS 5307, NURS 5356, NURS 6315, NURS 6250, NURS 5338, NURS 6302, NURS 6110, NURS 6210, NURS 6312 and NURS 6423.

NURS 6451. Family Nurse Practitioner (FNP) Diagnosis Management of Young Families: Concepts & Theory. 4 Credit Hours.
This course provides the theoretical basis for the competencies of the Family Nurse Practitioner (FNP) in the care of young families. This course lays the scientific foundation for independent practice in health promotion, disease prevention, and the diagnosis and management of acute and chronic illness for patients across the reproductive continuum and the health and illness from birth to adolescents in the primary healthcare setting. Additionally, this course emphasizes collaborative partnership development among patients, families, and interprofessional teams. Prerequisites: NURS 5306, NURS 5307, NURS 5339, NURS 5356, NURS 6315, NURS 6250, NURS 5338, NURS 6302, NURS 6110, NURS 6210, NURS 6312.

NURS 6452. Family Nurse Practitioner (FNP) Diagnosis Management of Aging Families: Concepts & Theory. 4 Credit Hours.
This course provides the theoretical basis for the competencies of the Family Nurse Practitioner (FNP) in health promotion, diagnosis and management in the primary healthcare setting for the mature and aging patient and family. Problem-based and self-directed learning strategies are used to review acute and chronic disorders of the aging patient and family. Emphasis is placed on differentiating signs and symptoms to formulate possible diagnoses and determining the effect of illness on this diverse population. Additionally, this course emphasizes the FNP as a collaborative member of the interprofessional team. Prerequisites: NURS 5306, NURS 5339, NURS 5307, NURS 5356, NURS 6315, NURS 6250, NURS 5338, NURS 6302, NURS 6110, NURS 6210, NURS 6312.

NURS 6455. Adult-Gerontology Acute Care Nurse Practitioner Diagnosis and Management: Concepts And Theory 1. 4 Credit Hours.
This course introduces the student to the principles of diagnostic and treatment strategies utilized in acute/critical care settings by the Adult-Gerontology Acute Care Nurse Practitioner. The use of evidence based practice is encouraged to develop a strong scientific foundation for independent and collaborative practice as the registered nurse transitions to the role of the Adult-Gerontology Acute Care Nurse Practitioner. The focus is in health promotion, disease prevention, diagnosis and management of common illnesses seen in the acute care settings affecting the young adult, adult and older adult populations. In addition, this course emphasizes collaborative partnership development between patients, their families and inter-professional teams. Prerequisites: NURS 6210, NURS 6302, NURS 6312, NURS 6315, NURS 5338.

NURS 6456. Adult-Gerontology Acute Care Nurse Practitioner Diagnosis and Management: Concepts And Theory 2. 4 Credit Hours.
This course fosters the progression of the Adult-Gerontology Acute Nurse Practitioner student’s role transition in the areas of health promotion, disease prevention, diagnosis and management in high acuity practice settings for the young adult, adult and older adult with complex acute, critical and chronic health conditions. Using problem-based and self-directed learning strategies, disorders of the physiologic systems are presented and build on the information presented in Diagnosis and Management: Concepts and Theory 1. Emphasis is placed on using evidence-based practice to formulate individualized plans for care and developing collaborative partnerships with patients, their families and inter-professional teams. Prerequisites: NURS 6455 Corequisites: NURS 6656.

NURS 6615. Pediatric Nurse Practitioner (PNP) Primary Care Diagnosis and Management 1: Clinical Application. 6 Credit Hours.
This course focuses on primary care experiences promoting health, preventing disease and diagnosing and managing acute and chronic illness from birth through adolescence and developing collaborative partnerships among patients, families, and interprofessional teams. Prerequisites: NURS 6423 and NURS 6428.

NURS 6616. Pediatric Nurse Practitioner (PNP) Primary Care Diagnosis & Management 2: Clinical Application. 6 Credit Hours.
This course focuses on refining the Pediatric Nurse Practitioner role in primary healthcare practice in diverse populations. Emphasis is placed on care of persons with complex health problems from birth through adolescence. In addition, the nurse practitioner’s role as a collaborative member of the interprofessional team will be evaluated. Prerequisites: NURS 6423, NURS 6428 and NURS 6616.

NURS 6620. Family Nurse Practitioner (FNP) Diagnosis & Management of Aging Families: Clinical Application. 6 Credit Hours.
The focus of this course is integration of the Family Nurse Practitioner’s core knowledge in health promotion, diagnosis and management in the care of the mature and aging patient and families in the primary healthcare setting. Emphasis is placed on the care of mature and aging patients and families with acute and chronic complex health problems. In addition, the family nurse practitioner as a collaborative member of the interprofessional team will be emphasized. Prerequisites: NURS 6451 and NURS 6452.
NURS 6621. Family Nurse Practitioner (FNP) Diagnosis & Management of Young Families: Clinical Application. 6 Credit Hours.
This course focuses on the primary care experience in health promotion, disease prevention, and diagnosis and management of acute and chronic illness in patients across the reproductive continuum and the health and illness from birth to adolescents. Additionally, this course emphasizes collaborative partnership development among patients, families, and interprofessional teams. Prerequisites: NURS 6451 and NURS 6452.

NURS 6623. Psychiatric Mental Health Nurse Practitioner (PMHNP) Diagnosis & Management 1: Clinical Application. 6 Credit Hours.
Primary care experience in health promotion, disease prevention, diagnosis and management of psychiatric illness. Additionally, this course emphasizes collaborative partnership development among patients, families, and interprofessional teams. Prerequisites: NURS 6412 and NURS 6416.

NURS 6624. Psychiatric Mental Health Nurse Practitioner (PMHNP) Diagnosis & Management 2: Clinical Application. 6 Credit Hours.
The focus of this course is refinement of the Psychiatric Mental Health Nurse Practitioner role in health promotion, diagnosis and management in psychiatric practice in diverse populations across the life span. Emphasis is placed on care of persons with complex health problems. In addition, the nurse practitioner’s role as a collaborative member of the interprofessional team will be evaluated. Prerequisites: NURS 6412, NURS 6416 and NURS 6623.

NURS 6655. Adult-Gerontology Acute Care Nurse Practitioner Diagnosis and Management 1: Clinical Application. 6 Credit Hours.
This course develops clinical competency and emphasizes the integration of theory, assessment and advanced therapeutics for young adults, adults and older adults in a high acuity setting. Students will perform comprehensive clinical assessments including appropriate diagnostic and therapeutic testing. Management of acute and chronic health problems will be under the direction of clinical preceptors. Clinical placements will include a variety of acute/critical care areas including but limited to: emergency department, medical/surgical intensive care units, intermediate care and specialty services such as transplant and oncology. Gerontology experiences will be provided in long term, rehabilitation facilities and the acute care setting. In addition, this course emphasizes collaborative partnerships development between patients, their families, and inter-professional teams. Prerequisites: NURS 6456.

NURS 6656. Adult-Gerontology Acute Care Nurse Practitioner Diagnosis and Management 2: Clinical Application. 6 Credit Hours.
The focus of this course is to foster continued development of the clinical competency of the Adult Gerontology Acute Care Nurse Practitioner student in health promotion, disease prevention, and the formulation of evidence based treatment strategies in a high acuity setting for the young adult, adult and older adult populations. Content is directed toward the care of persons across the adult continuum with complex health problems. In addition, the refinement of the AG-ACNP’s role as a patient advocate and collaborative member of the inter-professional team will be emphasized. Prerequisites: NURS 6655.

NURS 6822. Clinical Nurse Leader Role 2: Clinical Application For The Advanced Nursing Generalist. 8 Credit Hours.
This capstone clinical experience is designed for students to develop expertise in clinical leadership in their respective interest areas. The health care setting will vary based on a student’s chosen program focus. Planning implementation of selected microsystems changes that will enhance the culture of learning, culture of safety, and improved patient outcomes based on evidence-based practice is the focus of this clinical course. At the successful conclusion of the course a student will be eligible to sit for the CNLT credentialing examination provided by the American Association of Colleges in Nursing. Clock hours: 450 clinical clock hours, 30 clock hours clinical conference. Prerequisites: NURS 6230 and NURS 6233 Corequisites: NURS 6120.

NURS 7099. Dissertation. 1-9 Credit Hours.
Prerequisites: Admission to candidacy for Doctor of Philosophy degree; registration for two terms is required of PhD candidates.

NURS 7105. Role Of The Clinical Nurse Scientist. 1 Credit Hour.
This course will focus on the professional and ethical roles and responsibilities of the Clinical Nurse Scientist in advancing the discipline of nursing through the generation of clinical knowledge, discovery, and theory development. Potential settings for practice that are traditional, such as academic health centers as well as emerging venues, will be explored. Discussions about issues that may affect the Clinical Nurse Scientist in developing lifelong career/scholarship trajectories will occur.

NURS 7111. Advanced Nursing Seminar. 1 Credit Hour.
This seminar course provides the student with knowledge to facilitate integration and synthesis of the essential specialty competencies necessary to plan and design their DNP Practice Inquiry Project. This seminar may include a variety of activities, identification of the opportunity for improvement, literature synthesis and evidence for their theory based organizational intervention at multiple system levels. The activities will be specific to the student’s identified area of specialty. Students will share issues related to the plan and design of the DNP Practice Inquiry Project in seminar. Prerequisite: NURS 7323 Corequisite: NURS 7511.

NURS 7222. Leadership In Complex Healthcare Systems. 2 Credit Hours.
The focus of this course is on leadership skills preparing nurses for intra/interprofessional leadership in complex healthcare systems including collaborative and consultative models, conflict and board management, and advanced communication and team-building skills with emphasis on innovation and change. Clock hours: 2 clock hours class (30 hours class) Prerequisite: NURS 5339 Open for Cross Enrollment on Space Available Basis.

NURS 7226. Ethics Of Nursing Science. 2 Credit Hours.
The focus of this course is on the ethical imperative/implications in the role of the clinical nurse scientist. Current ethical theories are critiqued and the ethical implications of the major research paradigms are evaluated. Ethical issues arising from selected theoretical/research approaches are examined.

NURS 7301. Methods For Evidence-Based Practice (EBP) Translational Science 1. 3 Credit Hours.
This course focuses on analyzing evidence-based practice paradigms, quality improvement, and patient safety; appraising primary research and systematic review; and examining approaches to measuring care processes, organizational factors, nursing performance, and patient outcomes. Clock hours: 3 clock hours class (45 hours class) Prerequisites: NURS 5306 and NURS 5307 Open for Cross Enrollment on Space Available Basis.
NURS 7310. Theory Development, Analysis And Evaluation In Nursing. 3 Credit Hours.
This course provides opportunity to study a system for the development of nursing science through middle-range theory development. Learning activities include engaging in strategies for concept, statement clarification, and theory clarification. Students and faculty dialog about theory application, theory construction, evaluation, and clinical testing of theory. The relationship between research and clinical practice to theory generation and testing is explored. The student and faculty will have the opportunity to gain practice in strategies for middle-range theory building. Prerequisites: NURS 7325 and NURS 7226.

NURS 7311. Theories and Research in Leadership, Quality, Safety, and Evidence Base. 3 Credit Hours.
This course focuses on leadership, chaos, system, improved and transitional science theories and patient safety, healthcare quality and evidence-based research and models to frame improvement, implementation, and translational research studies. Open for Cross Enrollment on Space Available Basis.

NURS 7312. DNP Practice Inquiry Seminar. 3 Credit Hours.
This course requires the student to engage faculty and community leaders in the implementation and reporting of the process and outcomes of their theory and evidence based organizational intervention at multiple system levels. The student explores specific issues related to the specific practice topic that leads to an evidence-based improvement project. The role of the DNP as leader and innovator in complex organizational systems will be discussed as it relates to the proposal and implementation. Faculty, practice leaders and experts will assist with development of a plan that is relevant and feasible. Successful completion of PH 1690 as an alternate to NURS 7321. Prerequisites: NURS 7321, NURS 7301, and NURS 7323 Corequisites: NURS 7313.

NURS 7313. DNP Project: Clinical Application. 3 Credit Hours.
This course requires the student to engage faculty and community leaders in the implementation and reporting of the process and outcomes of their theory and evidence based organizational intervention at multiple system levels. The role of the DNP as leader and innovator in complex organizational systems will be discussed as it relates to the proposal and implementation. Faculty, practice leaders and experts will assist with the implementation and evaluation of a practice inquiry project. Successful completion of PH 1690 as an alternate to NURS 7321. Prerequisites: NURS 7321, NURS 7301 and NURS 7323 Corequisite: NURS 7312.

NURS 7314. Nursing and Health Systems Administration. 3 Credit Hours.
This course is designed to prepare the professional chief nurse executive to provide strategic direction for all aspects of nursing care and care delivery operations for multiple clinical departments, hospitals and service lines across the continuum in regional and/or national healthcare systems to provide value. Successful completion of PH 1690 as an alternate to NURS 7321. Prerequisites: NURS 7321, NURS 7301 and NURS 7323.

NURS 7316. Statistical Analysis For Nursing Science. 3 Credit Hours.
The foundational course focuses on statistics and computing skills that assist students to understand statistical methods, gain computing skills, interpret and perform basic statistical tests, and critique typical quantitative articles. Clock Hours: 3 clock hours class. Prerequisites: Graduate standing.

NURS 7321. Statistical Analysis for Quality Improvement and Health Delivery Systems. 3 Credit Hours.
This course examines the concepts and techniques to develop, improve, and evaluate patient care and health care delivery systems from multiple perspectives including efficiency, effectiveness, and comparability. Students are provided with essential knowledge for evaluation of research to guide evidence-based practice at the highest level. This course provides an overview of the logic and appropriate use of statistical techniques most commonly reported in the research literature of the health professions. Students build on knowledge they have gained from basic statistics courses to develop advanced skills in interpreting and understanding common univariate and multivariate statistical approaches presented in published health care reports. Using a project-oriented approach, students are provided with statistical tools necessary to conduct state-of-the-art practice improvement projects and support leadership decisions. Prerequisite: Graduate Standing Open for Cross Enrollment on Space Available Basis.

NURS 7322. Healthcare Policy Analysis and Advocacy. 3 Credit Hours.
This course focuses on analyzing, designing, implementing, and evaluating public policy process; engaging in policy decision-making process; participating in health services research, policy, and economic analysis; and political advocacy. Open for Cross Enrollment on Space Available Basis.

NURS 7323. Design And Analysis For Evidence-Based Practice (EBP) Translational Science 2. 3 Credit Hours.
This course extends Evidence-Based Practice Translational Science 1 to refine the student’s ability to integrate research and knowledge into practice and evaluate impact on healthcare quality and safety and patient outcomes. Students will have the opportunity to use advanced program evaluation research approaches and analytic methods to design and evaluate innovations in systems of care in terms of care processes and patient outcomes. The course emphasizes appropriate and analytic approaches in translational science and explores ethical issues in translational science. Clock hours: 3 clock hours class (45 hours class) Prerequisites: NURS 7301 Open for Cross Enrollment on Space Available Basis.

NURS 7324. Healthcare Economics And Policy. 3 Credit Hours.
This course prepares the student to lead improvements in health care and shape health policy through an understanding of macroeconomic principles in the health care market. Students will be given the opportunity to apply theoretical and empirical economic analysis to business and public policy issues in health care. Open for Cross Enrollment on Space Available Basis.

NURS 7325. Philosophy Of Nursing Science. 3 Credit Hours.
The focus of this course is on articulating the differences in models of knowing and analyzing the role of science and scientists in society. Emphasis is on the process of analysis, the ability to present the pros and cons of current and anticipated ethical issues, influencing specific clinical situations, and on development and use of technologies in health care. Clock hours: 4 seminar hours per week. Prerequisites: study of advanced professional elements and issues; role(s) socialization.

NURS 7373. Nursing: Quantitative Research Methods 2. 3 Credit Hours.
This course presents modern and classical psychometrics for nursing science from the perspective of item response theory. Most of the course will cover classical test theory from the perspective of modern test theory. An introduction to binary item response theory will also be presented. The course will emphasize applications within the context of modern psychometric principles. Prerequisites: NURS 7325, NURS 7226, NURS 7374, NURS 7310, NURS 7380, NURS 7375 Corequisites: NURS 7381 Open for Cross Enrollment on Space Available Basis.
NURS 7374. Nursing-Content & Practice: Quantitative Research Methodology 1. 3 Credit Hours.
Integration of the research process and qualitative and quantitative analysis, including concept mapping, operationalization of concepts, and appropriate statistical treatments, make up the content of this course. The course will incorporate identifying clinical research questions and developing study proposals for such questions. Clock Hours: three class hours. Open for Cross Enrollment on Space Available Basis.

NURS 7375. Regression Models For Nursing Science. 3 Credit Hours.
This course presents regression analysis at an intermediate level. Course will focus on regression for continuous variables: specification, estimation, testing, and diagnostics. Logistic regression for binomial and multinomial variables, log-linear regression for count variables, and proportional hazards regression for duration variables will be explored. An introduction to multilevel regression will occur. Prerequisites: Graduate standing Open for Cross Enrollment on Space Available Basis.

NURS 7377. Mixed Methods For Clinical Nurse Scientists. 3 Credit Hours.
This course will cover the use of mixed methods, quantitative and qualitative, to address complex research questions in nursing and health care. Problems of trying to merge methods and practical strategies for accomplishing this successfully, as well as paradigmatic issues, will be discussed. Prior products developed in quantitative and qualitative methods classes to devise a mixed method proposal that integrates readings on mixed methods with the student’s own research interests will be used. Prerequisites: NURS 7374 and NURS 7380 Open for Cross Enrollment on Space Available Basis.

NURS 7380. Qualitative Inquiry For Clinical Nursing Research. 3 Credit Hours.
This course will introduce students to qualitative inquiry as an approach to knowledge discovery applicable to clinical nursing research. Students will analyze, compare, and contrast a variety of qualitative approaches including philosophical underpinnings, methodologies, and applications. Those approaches may include: Phenomenology, ethnography, grounded theory, case study, historical research, naturalistic inquiry, interpretive analysis, action research, and focus-group methods. Criteria for evaluating qualitative research reports to critique qualitative research studies will be utilized. The relationship between a clinical problem and specific research methods will be analyzed. Students will have the opportunity to develop research questions and analyze their applicability to specific clinical issues, and learn varied strategies for collecting and analyzing qualitative research data. Prerequisites: NURS 7325, NURS 7226, and NURS 7310 Corequisite: NURS 7325 Open for Cross Enrollment on Space Available Basis.

NURS 7381. Nursing: Synthesis And Application Of Clinical Research. 3 Credit Hours.
This course integrates the dynamic elements of clinical practice, theory, and research to prepare doctoral students to function effectively in the synthesis and application of clinical research. This course provides guided direction in the processes used for dissertation development and grant application proposals. Students are required to be actively involved in the critique and analysis of published literature and other students’ dissertation proposals, grant applications, and manuscripts. Prerequisites: NURS 7325, NURS 7226, NURS 7310, NURS 7374, NURS 7375, and NURS 7105 Open for Cross Enrollment on Space Available Basis.

NURS 7382. Structural Equation Models For Nursing Science. 3 Credit Hours.
This course presents structural equation modeling (SEM) for nursing science. The course will begin with a review of regression from an SEM perspective. The first major topic of the course will be path analysis, including model specification, methods of estimation, recursive and non-recursive models, direct, indirect, and total effects, methods of estimation, single and multi-group analyses, moderators and mediators, and the assessment of causality. The second major topic will be psychometrics from an SEM perspective, including congeneric test theory, reliability and stability, convergent and discriminant validity, and confirmatory factor analysis. The third major topic will combine the first two into structural equations, including model specification and identification, methods of estimation, second-order factor analysis, and the assessment of causal structure. Prior completion of intermediate statistics is required to register for this course. Open for Cross Enrollment on Space Available Basis.

NURS 7383. Qualitative Methods 2: Application In Nursing Science. 3 Credit Hours.
This course is designed to provide students an opportunity to conceptualize a research problem from a qualitative perspective, to study one specific method (grounded theory, ethnography, phenomenology, hermeneutics), and to practice qualitative approaches to data collection and analysis in that method. Students will have opportunities to write a mini-proposal guided by a qualitative research question and leading to a specific qualitative research approach to the problem. There will be opportunities for participating in Mock reviews of qualitative research proposals (either as investigator or reviewer). Students will have the opportunity to learn the IRB approval process with qualitative proposals and will have opportunities to develop pilot research strategies building to a dissertation proposal. Strategies will include interviewing, focus group, or participant observation following the selected method. Through this process students are required to practice and learn strategies and processes for conceptualizing and implementing a qualitative study guided by a specific qualitative methodology. Prerequisites: NURS 7325, NURS 7226, NURS 7374, and NURS 7380 Open for Cross Enrollment on Space Available Basis.

NURS 7511. Advanced Nursing: Clinical Application. 5 Credit Hours.
This course provides the student with clinical specialty immersion experiences to facilitate integration and synthesis of the essential competencies necessary for implementation of the DNP Practice Inquiry Project. Students will engage faculty and practice leaders in the plan and design of the project. The practice immersion experience may include a variety of activities related to the identification of the opportunity for improvement, analyzing the organizational context and strategies for design with appropriate clinicians in the clinical practice immersion. The setting and activities will be specific to the student’s identified area of specialty. Corequisites: NURS 7111.