Undergraduate Study

Undergraduate Studies

The College of Nursing provides coursework leading to the Bachelor of Science in nursing (BSN). The program is accredited by the Commission on Collegiate Nursing Education and the pre-licensure tracks are fully approved by the Missouri State Board of Nursing. The undergraduate program offers two means for achieving the bachelor’s degree in nursing: studies that are preparatory for completion of the professional nurse licensure examination (pre-licensure track) and advanced placement for the professional registered nurse without repetition of fundamental nursing and clinical courses (RN to BSN track). An accelerated pre-licensure option is available for qualified persons who hold earned degrees in non-nursing fields, or outstanding students who have completed all prescribed general education and science course work. The traditional (non-accelerated) BSN pre-licensure option can be completed on a full-time basis or through a part-time evening/weekend program. Students must meet university and College of Nursing requirements. Baccalaureate students meeting admission criteria may participate in the Pierre Laclede Honors College. Students who have been dismissed from another nursing program are not eligible for admission to the pre-licensure BSN program.

Faculty maintain the right to make appropriate curriculum changes to comply with standards for accreditation and approval as stipulated by the Commission on Collegiate Nursing Education and the Missouri State Board of Nursing’s minimum standards. For that reason, students receive exceptional advising support from college advisors.

Degree Requirements for B.S.N.

The Bachelor of Science in nursing degree requires comprehensive course work in general education and nursing. Basic undergraduate nursing course work includes theory, on-campus laboratory and clinical activities. Clinical experiences require weekday, evening, and/or weekend commitments. Full-time study in the pre-licensure baccalaureate track can be completed in four academic years. Part-time study is available with nursing classes in the evenings and clinical hours during the week or on weekends. The nursing clinical curriculum can be completed in ten semesters following completion of general education courses. The pre-licensure accelerated track requires full-time study and can be completed in 15 months. The RN to BSN track is offered at selected metropolitan sites, on-campus, and by Internet. Clinical activities in the RN to BSN Program are community-based and may be completed in the student’s home community.

Upon completion of the BSN program, students are expected to have achieved the following learning outcomes:

- Integrate into practice theories and evidence-based concepts from nursing, the arts, sciences, and humanities to provide comprehensive nursing care in a variety of settings.
- Integrate clinical reasoning and problem solving in professional practice.
- Administer culturally competent, compassionate, holistic care to promote healthy outcomes for diverse individuals, families, communities, and populations during all life phases.
- Use evidence-based practices to promote health, manage illness, and prevent injury among individuals, families, communities, and populations.
- Utilize communication skills to enhance relationships with patients and families and collaboration among members of the health care team.
- Assume responsibility and accountability for decisions and actions based on professional intrapersonal values, ethical and legal obligations, standards of practice, social justice, and economics.
- Integrate principles of health education, management, leadership, quality care, and patient safety when organizing, coordinating, and engaging in professional practice.
- Demonstrate knowledge of health care policies and finance in a regulatory environment and their influence on health care access and quality.
- Exhibit motivation and self-direction in activities that contribute to lifelong personal, professional, and intellectual development.
- Utilize health care technology and information management systems to promote quality care and patient safety.

Satisfactory/Unsatisfactory (Pass/Fail) Grading

Undergraduate nursing majors may not take required prerequisite general education or nursing courses on a satisfactory/unsatisfactory basis.

Undergraduate Degree Requirements

General Education Requirements

Nursing majors must complete all general education requirements (http://bulletin.umsl.edu/undergraduate/requirements) of the university as outlined in this Bulletin.

In addition to meeting the university’s general education requirements, the prerequisite courses listed under 1) Natural science course work, 2) Behavioral and social science course work, 3) Humanities, and 4) Nursing, must be completed prior to beginning the clinical major. See a curriculum planning guide for specific courses and proper sequencing.

1) Natural science course work

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1131</td>
<td>Human Physiology And Anatomy I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 1141</td>
<td>Human Physiology And Anatomy II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 1162</td>
<td>General Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1052</td>
<td>Chemistry For The Health Professions (or equivalent)</td>
<td>4</td>
</tr>
</tbody>
</table>

2) Behavioral and social science course work

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYCH 1003</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 1268</td>
<td>Human Growth And Development</td>
<td>3</td>
</tr>
<tr>
<td>ECON 1000</td>
<td>Introduction To The American Economy (or equivalent)</td>
<td>3</td>
</tr>
</tbody>
</table>

Social science elective

3) Humanities

Any Philosophy course (as part of the University’s 3 humanities requirement)

4) Nursing

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURSE 2103</td>
<td>Nutrition And Health (or equivalent)</td>
<td>3</td>
</tr>
<tr>
<td>NURSE 2105</td>
<td>Communication In The Nursing Profession</td>
<td>3</td>
</tr>
<tr>
<td>NURSE 3799</td>
<td>Quantitative Analysis In The Health Sciences (or equivalent)</td>
<td>3</td>
</tr>
</tbody>
</table>

Nursing Course Work Requirements

PRE-LICENSURE - 4 year traditional and part-time evening and weekend options
Traditional BSN Option:
The following minimum criteria may earn a guaranteed clinical space in the Traditional BSN Option unless a student meets the Freshman Guaranteed Clinical Criteria.

First-time freshmen and applicants with fewer than 24 transferable college credit hours from a regionally accredited college or university who meet the following minimum criteria earn a guaranteed clinical space in the Traditional BSN Option unless a student meets the Freshman Guaranteed Clinical Criteria.

In order to keep their guaranteed clinical space, students must maintain the following minimum criteria upon enrollment at UMSL:

- Full-time enrollment at UMSL
- Minimum cumulative GPA of 2.75 (GPA is calculated on all attempts of all undergraduate courses)
- Minimum science GPA of 2.75 (GPA is calculated on first attempts only of: Chemistry, Anatomy & Physiology I, Anatomy & Physiology II and Microbiology)
- Completion of all general education course requirements (http://www.umsl.edu/divisions/nursing/Pre-Licensure%20BSN%20Programs/sample-plans-of-study/BSNtrad.gened.pdf)
- Grade of C- or higher in all prerequisite courses except as listed for science courses

Freshman General Admission Criteria
First-time freshmen and applicants with fewer than 24 transferable college credit hours1 from a regionally accredited college or university who do not qualify for a Guaranteed Clinical Space but do meet the following minimum criteria may still qualify for admission to the nursing major as a pre-clinical student:

- Admission to UMSL
- Minimum ACT score of 21
- Minimum high school GPA of 2.5 (as calculated by UMSL’s Office of Admissions)

Students admitted under the Freshman General Admission Criteria must still apply competitively for a clinical space during their sophomore year (see Clinical Admission Criteria below).

Effective Fall 2013, all first-time freshmen and transfer students with fewer than 24 transferable college credit hours1 from a regionally accredited college or university who are admissible to UMSL may declare themselves to the Nursing major. UMSL’s admission criteria for first-time college students can be found on the website for the Office of Admissions. These students will still have to apply competitively for admission to the clinical track, unless they meet the requirements to earn a guaranteed clinical space (above).

Transfer Student Admission Criteria
Applicants with 24 or more transferable college credit hours1 from a regionally accredited college or university who meet the following minimum criteria may qualify for admission to the nursing major as a pre-clinical student:

- Admission to UMSL
- Minimum cumulative GPA of 2.5 (GPA is calculated on all attempts of all transferable undergraduate courses)

1 Once an applicant has earned 24 or more transferable college credit hours from a regionally accredited college or university, we do not take ACT score and/or high school GPA into consideration for admissions purposes.

Clinical Admission Criteria
Clinical spaces are awarded on a competitive and space-available basis for each admission period. Admission to the University of Missouri St. Louis does not guarantee admission into the clinical track of the Traditional BSN Option unless a student meets the Freshman Guaranteed Clinical Criteria (see above).

### Traditional BSN Program

The College of Nursing provides coursework leading to the Bachelor of Science in Nursing (BSN) through traditional full-time and part-time studies.

### Traditional Full-Time BSN Admission Criteria

#### Pre-Clinical Admission Criteria

Admission to UMSL as a pre-clinical nursing student does not guarantee admission into the clinical track of any of the Pre-Licensure BSN Options (Traditional, Accelerated or Part-Time Evening/Weekend), unless a student is admitted to the Traditional BSN Option under the Freshman Guaranteed Clinical Criteria.

#### Freshman Guaranteed Clinical Criteria

First-time freshmen and applicants with fewer than 24 transferable college credit hours from a regionally accredited college or university who meet the following minimum criteria may earn a guaranteed clinical space in the Traditional BSN Option:

- Admission to UMSL
- Minimum ACT score of 22
- Minimum high school GPA of 2.9 (as calculated by UMSL’s Office of Admissions)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>NURSE 2101</td>
<td>Introduction to Nursing</td>
<td>2</td>
</tr>
<tr>
<td>NURSE 3101</td>
<td>Nursing And Health</td>
<td>6</td>
</tr>
<tr>
<td>NURSE 3106</td>
<td>Assessment Of Clients In Health And Illness</td>
<td>4</td>
</tr>
<tr>
<td>NURSE 3110</td>
<td>Pathophysiological Bases Of Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NURSE 3111</td>
<td>Pharmacotherapeutics In Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NURSE 3205</td>
<td>Adult Health Nursing</td>
<td>5</td>
</tr>
<tr>
<td>NURSE 3206</td>
<td>Adult Health Nursing II</td>
<td>5</td>
</tr>
<tr>
<td>NURSE 3214</td>
<td>Psychiatric Mental Health Nursing</td>
<td>4</td>
</tr>
<tr>
<td>NURSE 3215</td>
<td>Nursing Of Women And Childbearing Families</td>
<td>4</td>
</tr>
<tr>
<td>NURSE 3216</td>
<td>Child And Family Health Nursing</td>
<td>4</td>
</tr>
<tr>
<td>NURSE 3804</td>
<td>Ethical And Legal Dimensions Of Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NURSE 3807</td>
<td>Nursing Research - Evidence Based Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NURSE 3808</td>
<td>Management And Leadership In Nursing</td>
<td>2-3</td>
</tr>
<tr>
<td>NURSE 3817</td>
<td>Introduction To Nursing And Health Informatics</td>
<td>3</td>
</tr>
<tr>
<td>NURSE 4300</td>
<td>Community Health Nursing</td>
<td>4</td>
</tr>
<tr>
<td>NURSE 4310</td>
<td>Senior Synthesis</td>
<td>6</td>
</tr>
</tbody>
</table>

Nursing elective (required for 4 year traditional track students through Spring 2014 graduating cohort)

**Total Hours:** 94-95

1 Includes a laboratory and/or clinical component

Students are required to furnish their own transportation to and from campus and clinical agencies. Students must have automobile access for all community experiences through the program. Students are required to complete standardized assessment exams throughout the program and at completion as part of the program evaluation.

### Undergraduate Study

**NURSE 2101**  Introduction to Nursing  2

**NURSE 3101**  Nursing And Health  6

**NURSE 3106**  Assessment Of Clients In Health And Illness  4

**NURSE 3110**  Pathophysiological Bases Of Nursing Practice  3

**NURSE 3111**  Pharmacotherapeutics In Nursing Practice  3

**NURSE 3205**  Adult Health Nursing  5

**NURSE 3206**  Adult Health Nursing II  5

**NURSE 3214**  Psychiatric Mental Health Nursing  4

**NURSE 3215**  Nursing Of Women And Childbearing Families  4

**NURSE 3216**  Child And Family Health Nursing  4

**NURSE 3804**  Ethical And Legal Dimensions Of Nursing Practice  3

**NURSE 3807**  Nursing Research - Evidence Based Nursing Practice  3

**NURSE 3808**  Management And Leadership In Nursing  2-3

**NURSE 3817**  Introduction To Nursing And Health Informatics  3

**NURSE 4300**  Community Health Nursing  4

**NURSE 4310**  Senior Synthesis  6

1 Includes a laboratory and/or clinical component

Students are required to furnish their own transportation to and from campus and clinical agencies. Students must have automobile access for all community experiences through the program. Students are required to complete standardized assessment exams throughout the program and at completion as part of the program evaluation.

### Traditional BSN Program

The College of Nursing provides coursework leading to the Bachelor of Science in Nursing (BSN) through traditional full-time and part-time studies.

### Traditional Full-Time BSN Admission Criteria

#### Pre-Clinical Admission Criteria

Admission to UMSL as a pre-clinical nursing student does not guarantee admission into the clinical track of any of the Pre-Licensure BSN Options (Traditional, Accelerated or Part-Time Evening/Weekend), unless a student is admitted to the Traditional BSN Option under the Freshman Guaranteed Clinical Criteria.

#### Freshman Guaranteed Clinical Criteria

First-time freshmen and applicants with fewer than 24 transferable college credit hours from a regionally accredited college or university who meet the following minimum criteria may earn a guaranteed clinical space in the Traditional BSN Option unless a student meets the Freshman Guaranteed Clinical Criteria.

In order to keep their guaranteed clinical space, students must maintain the following minimum criteria upon enrollment at UMSL:

- Full-time enrollment at UMSL
- Minimum cumulative GPA of 2.75 (GPA is calculated on all attempts of all undergraduate courses)
- Minimum science GPA of 2.75 (GPA is calculated on first attempts only of: Chemistry, Anatomy & Physiology I, Anatomy & Physiology II and Microbiology)
- Completion of all general education course requirements (http://www.umsl.edu/divisions/nursing/Pre-Licensure%20BSN%20Programs/sample-plans-of-study/BSNtrad.gened.pdf)
- Grade of C- or higher in all prerequisite courses except as listed for science courses

### Freshman General Admission Criteria

First-time freshmen and applicants with fewer than 24 transferable college credit hours from a regionally accredited college or university who do not qualify for a Guaranteed Clinical Space but do meet the following minimum criteria may still qualify for admission to the nursing major as a pre-clinical student:

- Admission to UMSL
- Minimum ACT score of 21
- Minimum high school GPA of 2.5 (as calculated by UMSL’s Office of Admissions)

Students admitted under the Freshman General Admission Criteria must still apply competitively for a clinical space during their sophomore year (see Clinical Admission Criteria below).

### Effective Fall 2013, all first-time freshmen and transfer students with fewer than 24 transferable college credit hours from a regionally accredited college or university who are admissible to UMSL may declare themselves to the Nursing major. UMSL’s admission criteria for first-time college students can be found on the website for the Office of Admissions. These students will still have to apply competitively for admission to the clinical track, unless they meet the requirements to earn a guaranteed clinical space (above).

### Transfer Student Admission Criteria

Applicants with 24 or more transferable college credit hours from a regionally accredited college or university who meet the following minimum criteria may qualify for admission to the nursing major as a pre-clinical student:

- Admission to UMSL
- Minimum cumulative GPA of 2.5 (GPA is calculated on all attempts of all transferable undergraduate courses)

1 Once an applicant has earned 24 or more transferable college credit hours from a regionally accredited college or university, we do not take ACT score and/or high school GPA into consideration for admissions purposes.

### Clinical Admission Criteria

Clinical spaces are awarded on a competitive and space-available basis for each admission period. Admission to the University of Missouri St. Louis does not guarantee admission into the clinical track of the Traditional BSN Option unless a student meets the Freshman Guaranteed Clinical Criteria (see above).
Applicants must meet the following minimum criteria to apply for a clinical space in the Traditional BSN Option:

- Admission to UMSL
- Minimum cumulative GPA of 2.5 (GPA is calculated on all attempts of all transferable undergraduate courses)
- Minimum science GPA of 2.5 (GPA is calculated on first attempts only of: Chemistry, Anatomy & Physiology I, Anatomy & Physiology II and Microbiology)
- Required science courses (listed above) completed within 10 years prior to enrollment
- Completion of all general education course requirements
- Grade of C- or higher in all prerequisite courses

BSN Traditional Application Procedure

To Apply For Nursing Major (Pre-clinical)

First-time freshmen and applicants with fewer than 24 transferable college credit hours, send the following:

- Completed University application
- Official high school transcripts or GED score
- Official ACT or SAT score
- Official college transcripts, if applicable

Applicants with 24 or more transferable college credit hours, send the following:

- Completed University application
- Official college transcripts

Pre-Clinical Admission Criteria

Applicants who plan to complete their general education / prerequisite coursework at UMSL must apply to the university as a pre-clinical nursing student. It is important to note that admission as a pre-clinical nursing student does not guarantee admission into the clinical track of any of the pre-licensure BSN Options (Traditional, Accelerated or Part-Time Evening/Weekend), unless a student is admitted to the Traditional BSN Option under the Freshman Guaranteed Clinical Criteria (http://www.umsl.edu/divisions/nursing/Pre-Licensure%20BSN%20Programs/sample-plans-of-study/BSNtrad.gened.pdf).

Applicants with 24 or more transferable college credit hours from a regionally accredited college or university who meet the following minimum criteria may qualify for admission to the nursing major as a pre-clinical student:

- Admission to UMSL
- Minimum cumulative GPA of 2.5 (calculated on all attempts of all transferable undergraduate courses)

1 Once an applicant has earned 24 or more transferable college credits, they must submit an official college transcript and send the following:

- Required science courses (listed above) completed within 10 years prior to enrollment
- Completion of all general education course requirements
- Grade of C- or higher in all prerequisite courses

Clinical Admission Criteria

Clinical spaces are awarded on a competitive basis for each admission period. Admission to UMSL does not guarantee admission into the clinical track of the Part-Time BSN Option.

Applicants must meet the following minimum criteria to apply for a clinical space in the Part-Time BSN Option:

- Admission to UMSL
- Minimum cumulative GPA of 2.5 (GPA is calculated on all attempts of all transferable undergraduate courses)
- Minimum science GPA of 2.5 (GPA is calculated on first attempts only of: Chemistry, Anatomy & Physiology I, Anatomy & Physiology II and Microbiology)

Accelerated BSN Program

In addition to the traditional full-time and part-time options, the College of Nursing offers coursework leading to the Bachelor of Science in Nursing (BSN) through an accelerated program. The program is designed for students to complete degree studies in 15 months.

Pre-Clinical Admission Criteria

Applicants who plan to complete their general education/prerequisite coursework at the University of Missouri-St. Louis must apply to the university as pre-clinical nursing students. It is important to note that admission as a pre-clinical nursing student does not guarantee admission into the clinical track of any of the pre-licensure BSN options (Traditional full-time, Traditional part-time, or Accelerated), unless a student is admitted to the traditional BSN option under the Freshman Guaranteed Clinical Criteria.
Clinical Criteria (http://www.umsl.edu/divisions/nursing/Pre-Licensure%20BSN%20Programs/admission-criteria guaranteed.html).

Applicants with 24 or more transferable college credit hours\(^1\) from a regionally accredited college or university who meet the following minimum criteria may qualify for admission to the nursing major as a pre-clinical student:

- Admission to UMSL
- Minimum cumulative GPA of 2.5 (calculated on all attempts of all transferable undergraduate courses)

\(^1\) Once an applicant has earned 24 or more transferable college credit hours from a regionally accredited college or university, we do not take ACT score and/or high school GPA into consideration for admissions purposes.

Students admitted under the pre-clinical admission criteria must still apply competitively for a clinical space (see below).

**Clinical Admission Criteria**

Clinical spaces are awarded on a competitive basis for each admission period. Admission to the University of Missouri-St. Louis does not guarantee admission into the clinical track of the Accelerated BSN option.

Applicants must meet the following *minimum* criteria to apply for a clinical space in the Accelerated BSN Option:

- Admission to UMSL
- A Baccalaureate Degree in another field of study from a regionally accredited college or university or completion of at least 62 college credit hours before the start of the program
- Minimum cumulative GPA of 3.0 for applicants with a Baccalaureate Degree or minimum cumulative GPA of 3.2 for applicants without a Baccalaureate Degree (GPA is calculated based on all attempts of all transferable undergraduate courses)
- Completion of all general education course requirements (http://www.umsl.edu/divisions/nursing/Pre-Licensure%20BSN%20Programs/sample-plans-of-study/BSNacc.gened.pdf)
- Grade of C or higher in all prerequisite courses
- Required science courses (Chemistry, Anatomy & Physiology I, Anatomy & Physiology II and Microbiology) completed within 10 years prior to enrollment

**Application deadlines for the Accelerated track**

To be admitted to the accelerated track that begins in May of each year only, all materials must be submitted to the College of Nursing, Office of Student Services by the following dates:

- Early acceptance deadline - September 15
- After September 15, on a space-available basis

For specific information regarding the B.S.N. degree program, contact Office of Student Services at (314) 516-6066 or 1-888-NURSEUM or visit the College of Nursing website.

**Credit by Transfer and Examination**

Credit may be granted for selected general studies. See Admission and Application Procedure section in this Bulletin for credit information.

**Pre-Licensure-15 month accelerated option**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURSE 3120</td>
<td>Foundations of Nursing</td>
<td>7</td>
</tr>
<tr>
<td>NURSE 3121</td>
<td>Clinical Foundations of Nursing 1</td>
<td>3</td>
</tr>
<tr>
<td>NURSE 3820</td>
<td>Introduction to Evidence-Based Nursing Practice and Informatics</td>
<td>5</td>
</tr>
<tr>
<td>NURSE 3804</td>
<td>Ethical And Legal Dimensions Of Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NURSE 3330</td>
<td>Nursing of Adults I</td>
<td>5</td>
</tr>
<tr>
<td>NURSE 3331</td>
<td>Clinical Nursing of Adults I 1</td>
<td>3</td>
</tr>
<tr>
<td>NURSE 3340</td>
<td>Behavioral Health Nursing</td>
<td>2.5</td>
</tr>
<tr>
<td>NURSE 3341</td>
<td>Clinical Behavioral Health Nursing 1</td>
<td>1.5</td>
</tr>
<tr>
<td>NURSE 3350</td>
<td>Nursing of Adults II</td>
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<td>NURSE 3351</td>
<td>Clinical Nursing of Adults II 1</td>
<td>3</td>
</tr>
<tr>
<td>NURSE 3360</td>
<td>Maternal-Child Nursing</td>
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<td>NURSE 3361</td>
<td>Clinical Maternal-Child Nursing 1</td>
<td>3</td>
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<tr>
<td>NURSE 4520</td>
<td>Population Focused Nursing</td>
<td>2</td>
</tr>
<tr>
<td>NURSE 4521</td>
<td>Clinical Population Focused Nursing 1</td>
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<tr>
<td>NURSE 4530</td>
<td>Leadership Development and Professional Nursing Practice</td>
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</tr>
<tr>
<td>NURSE 4531</td>
<td>Clinical Leadership Development and Professional Nursing 1</td>
<td>4</td>
</tr>
</tbody>
</table>

**Total Hours** 58

\(^1\) Includes a laboratory and/or clinical component

**Post Licensure RN to BSN**

The RN to BSN curriculum is designed to be completed in six consecutive semesters and takes two years to complete. The innovative program offers flexibility and accessibility in a part-time program. The program allows students to choose to complete their BSN with coursework online, on campus, or at various outreach sites in the St. Louis area.

**Admission Criteria**

Admission Requirements RN to BSN include:

- Admission to the University.
- Graduate of either an accredited diploma or associate degree program in nursing.
- Evidence of current licensure as a registered nurse with eligibility for licensure in Missouri.
- Cumulative grade point average of 2.5 (4.0 scale) on a minimum of 30 transferable credit hours (excluding nursing course work)

RN to BSN required nursing courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURSE 3807</td>
<td>Nursing Research - Evidence Based Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NURSE 3808</td>
<td>Management And Leadership In Nursing</td>
<td>2-3</td>
</tr>
<tr>
<td>NURSE 3817</td>
<td>Introduction To Nursing And Health Informatics</td>
<td>3</td>
</tr>
<tr>
<td>NURSE 3900</td>
<td>Dimensions Of Professional Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NURSE 3920</td>
<td>Health Assessment 1</td>
<td>3</td>
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(p. 1)
NURSE 4901 (p. 1) Family And Community Nursing 1 5
NURSE 4905 (p. 1) Values In Professional Nursing 1 3
NURSE 4911 (p. 1) Synthesis In Nursing Practice 1 5

Total Hours 27-28

1 Includes a laboratory and/or clinical component

RN to BSN students are required to complete a standardized assessment exam during the final part of the program evaluation.

Sample Degree Completion Plans

BSN Traditional Full-Time (p. 5) BSN Accelerated (p. 5)

BSN Traditional Part-Time (p. 5) RN to BSN (p. 6)

BSN Traditional Full-Time Study Plan

Students Admitted as Freshmen with Guaranteed Clinical Space

<table>
<thead>
<tr>
<th>First Year</th>
<th>Fall</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1100</td>
<td>3</td>
<td>ECON 1000</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 1030</td>
<td>3</td>
<td>BIOL 1131</td>
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<td>NURSE 2103</td>
<td>3</td>
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<td>BIOL 1102</td>
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<td>General Education</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CHEM 1052</td>
<td>4</td>
<td>PSYCH 1003</td>
<td>3</td>
<td></td>
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<tr>
<td></td>
<td>15</td>
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Total Hours: 121

PLEASE NOTE: This plan is an example of what a four year plan could look like for a typical student. Placement exam scores in math as well as the completion of coursework may change the plan. It should not be used in the place of regular academic advising appointments. All students are encouraged to meet with their advisor. All requirements are subject to change.

BSN Traditional Part-Time Study Plan

This plan assumes that a student has completed all prerequisites for admission.

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Total Hours: 121

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BSN Accelerated Plan of Study

This plan assumes that a student has completed all prerequisites for admission.

Prerequisite courses: 62-63 credit hours

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Total Hours: 58

PLEASE NOTE: This plan is an example of what an academic plan could look like for a typical student. Placement exam scores in math as well as
the completion of coursework may change the plan. It should not be used in the place of regular academic advising appointments. All students are encouraged to meet with their advisor. All requirements are subject to change.

RN to BSN Study Plan

This plan assumes that a student has completed all prerequisites for admission:

General Education and Prerequisites: 50 credit hours

Lower Division Nursing: 39 credit hours

Courses

NURSE 1010 Orientation To Nursing: 0 semester hours
Prerequisites: Admission to four-year baccalaureate program. This mandatory eight-week introduction to the nursing program provides a comprehensive orientation to the program. Students are introduced to the academic and clinical expectations of the curriculum. Concerns critica for academic success (i.e., time management, effective study skills, stress management and dealing with test anxiety) are addressed.

NURSE 2101 Introduction to Nursing: 2 semester hours
This course introduces the historical and theoretical development of nursing as a discipline. Nursing is examined as a dynamic practice profession. Variables that influence nursing and health care are discussed. Concepts and skills introduced in this course guide the student’s educational experience within the nursing major.

NURSE 2103 Nutrition And Health: 3 semester hours
This course examines nutritional needs throughout the life span with emphasis on nutritional principles related to health promotion and protection. Content includes assimilation, digestion and absorption of nutrients and cultural and economic influences on dietary practices.

NURSE 2105 Communication In The Nursing Profession: 3 semester hours
This course focuses on the development of communication abilities utilized in professional nursing. The individual's relationship with self, others and groups is discussed. Students learn verbal and non-verbal communication skills, self-awareness, and sensitivity to others. Interpersonal skills are introduced to enable the student to develop effective human caring relationships with a diverse population of clients and colleagues.

NURSE 3101 Nursing And Health: 6 semester hours
Prerequisites: BIOL 1131; BIOL 1141; CHEM 1052; NURSE 1010, NURSE 3106; NURSE 3110; NURSE 3111. An introduction to the discipline of nursing, the historical and theoretical development of nursing is explored with an emphasis on critical thinking, the teaching/learning process, and foundational practice concepts. Through modular laboratory experiences, the student acquires psychomotor skills to provide safe and effective nursing care to clients promoting health and wellness. Includes classroom, laboratory and clinical experiences.

NURSE 3106 Assessment Of Clients In Health And Illness: 4 semester hours
Prerequisites: BIOL 1131; BIOL 1141; BIOL 1162; CHEM 1052; PSYCH 1268; NURSE 1010. This course integrates theoretical knowledge and interpersonal skills in the assessment of clients focusing on differentiating normal from abnormal findings. It emphasizes the use of problem solving, critical thinking and cultural competency in identifying multidimensional health variations across the lifespan. The course includes classroom and laboratory experiences.

NURSE 3110 Pathophysiological Bases Of Nursing Practice: 3 semester hours
Prerequisites: BIOL 1131, BIOL 1141, BIOL 1162, CHEM 1052 (or equivalent); NURSE 1010. This course focuses on the nature of disease, its causes and the bodily changes that accompany it. The course includes a study of general principles of disease, specific diseases of individual organs and systems and the clinical implications.

NURSE 3111 Pharmacotherapeutics In Nursing Practice: 3 semester hours
Prerequisites: BIOL 1141, BIOL 1162, CHEM 1052, NURSE 1010; pre/co requisite: NURSE 3110. This course introduces key terminology, legal foundations, general principles and clinical applications of pharmacology.

NURSE 3120 Foundations of Nursing: 7 semester hours
Prerequisites: All general education requirements and accelerated nursing option prerequisite non-nursing courses. This course introduces the student to the theoretical concepts and foundations of professional nursing practice. Utilizing an integrated approach, health promotion and protection throughout the lifespan are explored and supported using theories of nursing practice, health assessment of well individuals, and general principles and concepts of pharmacology and critical thinking.

NURSE 3121 Clinical Foundations of Nursing: 3 semester hours
Prerequisites: NURSE 3120. This course assists in the development and application of clinical reasoning in the lab, clinical agency, and simulation environments. Through clinical learning experiences, the student acquires basic psychomotor, communication, and medication administration skills. The student applies these skills in the provision of safe and effective nursing care to clients while promoting health, wellness, and clinical reasoning.

NURSE 3205 Adult Health Nursing I: 5 semester hours
Prerequisites: All 3100 level nursing courses and PSYCH 1268. This course focuses on the nursing care of the adult experiencing selected pathophysiological processes affecting body regulatory mechanisms. These mechanisms are related to immune responses, problems of oxygenation: ventilation, transport and perfusion; kidney function; regulatory mechanisms and digestion absorption and elimination. Emphasis is placed on health restoration, maintenance and support as well as the continued development of the nurse-client relationship, critical thinking processes, and research-based nursing practice. This course includes classroom and clinical activities in a variety of settings.
**NURSE 3206 Adult Health Nursing II: 5 semester hours**
Prerequisites: All 3100 level nursing courses and PSYCH 1268. This course focuses on the nursing care of the adult experiencing selected pathophysiological processes affecting body regulatory mechanisms. These mechanisms are related to endocrine, sensory-perceptual, gynecological, and genitourinary functions. Emphasis is placed on health restoration, maintenance and support as well as the continued development of the nurse-client relationship, critical thinking processes, and research-based nursing practice. This course includes classroom and clinical activities in a variety of settings.

**NURSE 3214 Psychiatric Mental Health Nursing: 4 semester hours**
Prerequisites: All 3100-level nursing courses; PSYCH 1268. This course focuses on health and illness across the lifespan of clients who have acute and chronic emotional and psychosocial difficulties and psychiatric illnesses. The course emphasizes development of students’ decisional capabilities, self-awareness and professional behaviors as they utilize theory and research from nursing, psychology and related disciplines for the provision of nursing care to individuals, families, and groups. Clinical experiences in community and acute care settings are designed for students to engage in individual and group strategies that promote and maintain mental health. Course includes classroom and clinical activities in a variety of settings.

**NURSE 3215 Nursing Of Women And Childbearing Families: 4 semester hours**
Prerequisites: All 3100 level nursing courses, PSYCH 1268. Focuses on the childbearing family and women’s reproductive health, including family dynamics and growth and development. Health promotion, protection, maintenance and restoration are covered in experiences that include hospital and community settings. Health care policy and systems as relevant to these populations are included. Course includes classroom and clinical activities in a variety of settings.

**NURSE 3216 Child And Family Health Nursing: 4 semester hours**
Prerequisites: All 3100 level nursing courses, PSYCH 1268. This course focuses on pediatric health and illness with emphasis on family dynamics, growth and development and communication with children and their families. Health promotion, protection, restoration, maintenance and support concepts are covered in experiences that include hospital and community settings. Health care policy and systems are studied as relevant to this population. Course includes classroom and clinical activities in a variety of settings.

**NURSE 3324 Sociology Of The Family: 3 semester hours**
Same as SOC 3224. Prerequisite: SOC 1010 or consent of instructor. The study of patterns of close relationships, and how these relationships are influenced by larger social forces. Topics include: love, dating, mate selection, cohabitation, alternative lifestyles, working families, parenting, single mothers, families in crisis, domestic violence, and divorce. Universal and variable aspects of family organization, family role systems, and changes in family social structure.

**NURSE 3330 Nursing of Adults I: 5 semester hours**
Prerequisites: NURSE 3210, NURSE 3211. This course focuses on the nursing care of the adult experiencing health problems affecting body regulatory mechanisms. These mechanisms are related to perioperative processes, immune processes, problems of oxygenation, cardiovascular alterations, fluid and electrolyte/acid-base imbalances, integumentary problems, abnormalities of the reproductive system and genetics, oncology and hematology problems. This course also incorporates relevant concepts of pharmacology and pathophysiology related to these conditions. Emphasis is placed on health promotion and restoration, maintenance and support as well as the continued development of the nurse-client relationship, clinical reasoning, and evidence-based nursing practice across the adult life span.

**NURSE 3331 Clinical Nursing of Adults I: 3 semester hours**
Prerequisites: NURSE 3330. This course focuses on the nursing care of adults in the lab, clinical agency, and simulation environments. Utilizing an integrated approach, advanced nursing skills and assessment techniques for adult clients are mastered in perioperative processes, immune processes, problems of oxygenation, hematology, cardiovascular alterations, fluid and electrolyte/acid-base imbalances, integumentary problems, abnormalities of the reproductive system, genetics and oncology problems. Clinical reasoning is developed and applied in order to provide safe and effective nursing care to adult clients across the health/illness continuum.

**NURSE 3340 Behavioral Health Nursing: 2.5 semester hours**
Prerequisites: All 3100 level nursing courses and PSYCH 1268. This course focuses on health and illness across the lifespan of clients who have acute and chronic psychosocial and behavioral health issues and specific psychiatric illnesses. An emphasis is placed on the nurse/client relationship in behavioral health promotion, restoration, maintenance and support.

**NURSE 3341 Clinical Behavioral Health Nursing: 1.5 semester hour**
Prerequisites: NURSE 3340. In this course students utilize theory and evidence from nursing and related disciplines in the provision of nursing care to individuals, families, and groups with psychiatric and behavioral health problems. Clinical experiences in community and acute care settings are designed so that students can engage in individual and group strategies that promote and maintain mental health.

**NURSE 3350 Nursing of Adults II: 5 semester hours**
Prerequisites: NURSE 3120, NURSE 3121. This course focuses on the nursing care of the adult experiencing complex pathophysiological processes affecting body regulatory mechanisms. These mechanisms are related to endocrine, neurological, musculoskeletal, gastrointestinal, sensory-perceptual, male reproductive and genitourinary problems. This course also incorporates relevant concepts of pathophysiology and pharmacology related to these conditions. Emphasis is placed on health promotion and restoration, maintenance and support, as well as the continued development of the nurse-client relationship, critical thinking and evidence-based nursing practice across the adult life span. NURSE 3350 and NURSE 3351 are co-requisites to be taken together in an 8-week period.
NURSE 3351 Clinical Nursing of Adults II: 3 semester hours
Prerequisites: Co-requisite with NURSE 3350. This course focuses on the nursing care of adults in the lab, clinical agency and simulation environments. Utilizing an integrated approach, complex psychomotor skills and assessment techniques for adult clients are mastered in patients with musculoskeletal problems, endocrine alterations, renal/genitourinary problems, sensory-perceptual problems, and liver problems. Clinical reasoning is developed and applied in order to provide safe and effective nursing care to adult clients with complex problems across the health/illness continuum. NURSE 3350 and NURSE 3351 are co-requisites to be taken together in an 8-week period.

NURSE 3360 Maternal-Child Nursing: 5 semester hours
Prerequisites: PSYCH 1268, NURSE 3120, NURSE 3121. This course focuses on women's reproductive health, childbearing and child-rearing families, as well as the health and illness of children from conception through adolescence. There is an emphasis on family dynamics, growth and development, and communication with children and their families. Health care policy and systems are incorporated as they relate to diverse populations. NURSE 3360 and NURSE 3361 are co-requisites to be taken together in an 8-week period.

NURSE 3361 Clinical Maternal-Child Nursing: 3 semester hours
Prerequisites: Co-requisite with NURSE 3360. Health promotion, protection, restoration, and maintenance for the mother-child and family care are addressed in experiences that include nursing skills lab, hospital agency and a variety of community settings. NURSE 3360 and NURSE 3361 are co-requisites to be taken together in an 8-week period.

NURSE 3799 Quantitative Analysis In The Health Sciences: 3 semester hours
Prerequisites: MATH 1030 or equivalent. This course focuses on concepts and applications of statistics in the health sciences. Topics include descriptive and inferential statistics, probability distributions of random variables, sampling and estimation. The course uses examples and content from health sciences to provide the basic concept structure for quantitative analysis.

NURSE 3804 Ethical And Legal Dimensions Of Nursing Practice: 3 semester hours
Prerequisites: Philosophy (3 credits). This course explores the ethical and legal dimensions of nursing practice. The relationship between ethical and legal issues is examined within nursing situations. The student participates in dialogue addressing ethical-legal issues in professional nursing practice. Legal dimensions of nursing practice. The relationship between ethical and legal reasoning abilities.

NURSE 3807 Nursing Research - Evidence Based Nursing Practice: 3 semester hours
Prerequisites: NURSE 3799 (or equivalent). This course prepares nurses to provide evidence based care to patients among the rapid advances in the science and technology of healthcare. This course provides a basic understanding of how evidence is developed, including the research process, clinical judgment, interprofessional perspectives, and patient preference as applied to nursing practice. Students will learn a systematic method to evaluate and apply research findings and other evidence in designing and implementing nursing care that is multidimensional, high quality, and cost-effective.

NURSE 3808 Management And Leadership In Nursing: 2-3 semester hours
Prerequisites: All 3000 level nursing courses; ECON 1000 or (equivalent) This course prepares the nurse to coordinate and manage client care in diverse health care settings. Emphasis is placed on leadership and management theory and related skills, collaboration, delegation, coordination, and evaluation of multi-disciplinary work and the application of outcome-based nursing practice.

NURSE 3817 Introduction To Nursing And Health Informatics: 3 semester hours
This online laboratory course establishes competency in fundamental information management and computer technology skills. It enables students to use existing information systems and available information to manage nursing practice. Students critically evaluate technology, information, and its sources; use decision support systems designed for clinical decision making; and focus on the representation of nursing data, information, and knowledge.

NURSE 3820 Introduction to Evidence-Based Nursing Practice and Informatics: 5 semester hours
Prerequisites: NURSE 3799 or equivalent statistics course. This course will focus on current review of qualitative and quantitative nursing literature and research utilization through evidence-based practice and establish competency in fundamental information management and technology. Students will examine the research and evidence-based process through analysis and critique of nursing literature; critically evaluate technology, information, and its sources; use decision support systems designed for clinical and ethical decision making; and focus on the presentation of nursing data, information, and knowledge.

NURSE 3837 Guided Study In Nursing: 1-3 semester hours
This course is an in-depth independent study of selected topics in nursing under the guidance of a specific instructor. No more than six hours may be taken under this option.

NURSE 3900 Dimensions Of Professional Nursing: 3 semester hours
Prerequisites: Admission to the College as RN This course investigates the roles and responsibilities of the professional nurse within a rapidly changing health care delivery system. Key issues are explored with emphasis on health promotion and health. Graduates of diploma nursing programs will be awarded college credit for successful validation of basic nursing knowledge as part of this course.

NURSE 3920 Health Assessment: 3 semester hours
Prerequisites: NURSE 3900 and NURSE 3817 (may be taken concurrently) or consent of instructor. This laboratory course focuses on the knowledge, communication abilities, and technical skills necessary for comprehensive assessment of individuals of all ages.

NURSE 4300 Community Health Nursing: 4 semester hours
Prerequisites: All 3000 level nursing courses. This course provides a conceptual foundation for nursing that recognizes the community as client in society. The course examines socioeconomic, environmental, epidemiological, and legislative influences, ethical/legal issues, and the impact of health beliefs and practices on health promotion and protection in communities and society. The student applies various theories and concepts when encountering families, groups and communities with diverse value systems and cultural backgrounds. Course includes classroom and clinical activities in a variety of settings.
NURSE 4310 Senior Synthesis: 6 semester hours  
Prerequisites: All 3000 level nursing courses; NURSE 4300 and NURSE 3808 may be taken concurrently. This course integrates theory and practice from previous nursing and general education courses with the goal of preparing the student for entry into professional nursing practice. Within a seminar context, students explore a variety of clinical and professional nursing topics. The course includes research-based strategies utilized for health promotion and protection, health restoration, maintenance and support. Areas of study are selected from across the lifespan, including diverse populations in a variety of health care systems. Course includes classroom and clinical experiences in a variety of settings. Not for graduate credit.

NURSE 4520 Population Focused Nursing: 2 semester hours  
Prerequisites: All 3300 level nursing courses, NURSE 3804. NURSE 3820. This course provides a conceptual foundation for nursing that recognizes populations in society. The course examines the effect of socioeconomic and environmental, epidemiological factors, and the impact of health beliefs and practices on health promotion and protection in populations. This course also focuses on epidemiological factors and legislative influences in diverse populations.

NURSE 4521 Clinical Population Focused Nursing: 2 semester hours  
Prerequisites: NURSE 4520. This clinical course focuses on the nursing care of populations in various settings. The student applies population-based theories and concepts when encountering individuals, families, groups and populations with diverse value systems and cultural backgrounds.

NURSE 4530 Leadership Development and Professional Nursing Practice: 4 semester hours  
Prerequisites: All 3300 level nursing courses, NURSE 3804, NURSE 3820. This course integrates theory and practice from previous nursing and general education courses with the goal of preparing the student for entry into professional nursing practice. Areas of study are selected from across the lifespan, including diverse populations in a variety of health care systems. Topics will include leadership, management theory and related skills, collaboration, delegation, coordination, and evaluation of outcome based interdisciplinary nursing practice.

NURSE 4531 Clinical Leadership Development and Professional Nursing Practice: 4 semester hours  
Prerequisites: NURSE 4530. This clinical course includes a variety of experiences to prepare the student nurse to lead, coordinate, and manage client care in diverse health care settings. This course includes research-based strategies utilized for health promotion and protection, health restoration, maintenance, and support. Areas of study are selected from across the lifespan, including diverse populations in a variety of health care systems.

NURSE 4720 Perioperative Nursing: 3 semester hours  
Prerequisite: Consent of the instructor. Provides experiences in preoperative, intraoperative, and postoperative settings. Includes a clinical component.

NURSE 4722 Transcultural Nursing: 3 semester hours  
Prerequisite: Consent of the Instructor. Examines transcultural nursing concepts, theories and practices in relationship to human caring. Focuses on application and analysis of health care and scope of practice within selected cultural contexts. Includes practicum experiences.

NURSE 4723 Nurse Externship: 3 semester hours  
Prerequisite: Senior level status; GPA 3.0 (4.0 scale). This course provides the opportunity to apply theoretical and conceptual knowledge and skills in a structured clinical environment under the guidance of a mentor.

NURSE 4724 Emergency/Trauma Nursing: 3 semester hours  
Prerequisites: NURSE 3205 and NURSE 3206 or consent of instructor. This course provides a framework for the roles and responsibilities of the professional registered nurse in emergency and trauma nursing care.

NURSE 4726 Parish Nursing: 3 semester hours  
Prerequisites: All 2000 level nursing courses, NURSE 3205 and NURSE 3214. This course provides a conceptual foundation that recognizes a specialty of nursing practice that combines professional nursing and health ministry. It examines four major concepts: professionalism; health and wholeness; spirituality; and community as it relates to culture and diversity. The course includes classroom discussion, individual reflection and community based learning experiences.

NURSE 4730 Nursing Care At The End Of Life: 3 semester hours  
Prerequisites for Nursing Students NURSE 3205 and NURSE 3214. All others by consent of instructor. This course focuses on the nursing care of terminally ill patients and their families. Topics explored will include the impact of personal values and beliefs about death, physiology of end stage disease processes, symptom assessment and management, psychosocial and spiritual support, consideration in special patient populations, societal issues and trends in end of life care, ethical considerations in caring for the dying patient, grief and bereavement processes, and the role nursing in end of life care across settings.

NURSE 4741 Advanced Nrsng Asst & Mgt Of Clients W/Cardiac Dysrhythmias: 3 semester hours  
Prerequisite: Senior status. Focuses on advanced nursing assessment and management of clients with cardiac rhythm problems and conduction disturbances. Includes a clinical component.

NURSE 4742 Critical Care Nursing Of The Adult: 3 semester hours  
Prerequisites: RN or completion of NURSE 3205 and NURSE 3206 (or equivalent). Focuses on health restoration, health maintenance, and health support of individuals with dysfunctions or trauma to major organ systems. Emphasis is on understanding pathophysiology and psychosocial processes related to nursing and collaborative interventions, and the development of a functional framework for data organization and analysis.

NURSE 4901 Family And Community Nursing: 5 semester hours  
Prerequisites: NURSE 3900, NURSE 3817 and NURSE 3920. This practicum course introduces the concepts, principles, skills, and professional nursing roles essential to practice community-based professional nursing with families and groups.

NURSE 4905 Values In Professional Nursing: 3 semester hours  
Prerequisites: All 3000 level RN/BSN nursing courses or consent of instructor. Explores values and beliefs as they shape professional nursing practice and influence clinical decision making and interventions in the evolving health care system. Attention is given to the impact of sociocultural factors and health/illness beliefs and practices of the diverse populations served by the professional nurse. Students examine their own understanding of the moral nature of professional nursing within the context of a diverse society.

NURSE 4911 Synthesis In Nursing Practice: 5 semester hours  
Prerequisites: NURSE 4901. This practicum course focuses on community-based application and synthesis of professional nursing roles and responsibilities with selected populations determined to be at risk for a variety of health related problems. The course includes assessment of cognitive and affective growth achieved while in the BSN Completion Program.
**NURSE 6000 Statistics in Nursing & Health Sciences: 3 semester hours**
Prerequisites: Admission to graduate study in nursing or consent of instructor. Provides students with a graduate level understanding of quantitative methods and their relationship to research in nursing and health sciences. Students will conduct lab data analysis based on the topics covered in the class and learn how to generate specific research questions and conduct basic statistical analysis.

**NURSE 6106 Policy, Organization And Financing In Health Care: 3 semester hours**
Prerequisite: Admission to MSN program. This course presents an overview of health care policy, organization, and financing with emphasis on current health care trends. The focus is on the design and implementation of health care delivery systems with the goal of providing safe, quality, and informatics driven cost-effective care. Emphasis is placed on the development of a leadership role in managing human, financial, and physical health care resources. The format includes pertinent information concerning primary health care and public health issues, the relationship between these issues, and improving health care delivery and outcomes.

**NURSE 6111 Healthcare Systems Concepts and Theory: 3 semester hours**
Prerequisites: Consent of Program Director. Healthcare Systems Concepts and Theory introduces the historical development, current U.S. healthcare structure, and projected transformation of the U.S. health care system and practice professions. This is a foundational course that provides the student with an understanding of the complex nature of the healthcare sector. This course content prepares the student to assess organized efforts to influence health delivery and policy formulation, the impact of these efforts on the administrator, leader, or policy analyst of a healthcare organization, and the role of societal values and individual behaviors in healthcare system's performance, reform efforts, and the health status of the U.S. population.

**NURSE 6112 Nursing Research Methods: 3 semester hours**
Prerequisites: NURSE 3799 or equivalent; NURSE 6111 may be taken concurrently. This course is designed to provide the student with the skills required to be a consumer of nursing research. These include the fundamentals of scientific inquiry in nursing as well as the information necessary to understand and evaluate nursing research. Principles and techniques common to scientific investigation are applied to nursing. Researchable problems are developed.

**NURSE 6114 Evidence-Based Nursing: 3 semester hours**
Prerequisite: NURSE 6112. This course prepares nurses to review existing nursing research about a nursing practice problem and to propose appropriate changes in current nursing practice. The theoretical basis for evidence-based nursing with respect to screening, diagnosis, selection of treatment alternatives, and prognosis are examined. Research designs such as case control and cohort studies are included. Practical application of change in nursing is examined, including formative and summative aspects of evaluation. Opportunities are provided to develop a plan to implement evidence-based change in an area of nursing practice.

**NURSE 6120 Population-Based Foundations of Health: 3 semester hours**
Prerequisite: Admission to MSN. The purpose of this course is to provide students with an advanced nursing practice perspective on providing population-based nursing care. This course includes an evaluation of human and cultural diversity in the health-illness continuum. Core concepts include ethics; theories of health and health promotion, protection, restoration, and maintenance; and the support needed for a peaceful death. Coursework will focus on community/population-based data on epidemiology, disease and injury prevention, health education, growth and development, and family systems.

**NURSE 6130 Research, Interventions and Evidence-Based Practice: 3 semester hours**
Prerequisites: Consent of Program Director. This course provides opportunities to examine the processes and evaluation components of evidence-based practice, including the identification of significant clinical problems, evaluation of evidence underlying competing interventions, effectiveness of interventions, and implementation and evaluation of health promotion and therapeutic interventions that improve the quality of care or health outcomes for individuals, groups, and populations. Students will have opportunities to develop skills needed to critically analyze scientific literature foundational to implementing evidence-based practice projects.

**NURSE 6144 Health Promotion and Cultural Diversity: 3 semester hours**
Prerequisites: Admission to the MSN Program. This course provides graduate nursing students with knowledge related to the concepts of health promotion, health protection, cultural diversity, and moral/ethical influences across the lifespan. Core concepts for the course include theories of health and health promotion and protection, epidemiology, disease an injury prevention, health education, cultural diversity, growth and development, nutrition and family systems. The students will explore values clarification and ethical analysis.

**NURSE 6309 Role Of The Nurse Educator: 3 semester hours**
Prerequisites: Admission to the MSN program or consent of instructor. This course will explore the roles, responsibilities, and functions of the nurse educator. Emphasis will be placed on the development and evaluation of the interactive nature of teaching and learning in a variety of settings.

**NURSE 6320 Learning And Curriculum Development In Nursing: 3 semester hours**
Prerequisites: NURSE 6309. This course examines theoretical foundations, principles, and issues in curriculum design. Explores systematic evaluation of curriculum at all levels.

**NURSE 6321 Instructional Strategies In Nursing: 3 semester hours**
Prerequisites: NURSE 6309 or consent of Instructor; must be taken concurrently with NURSE 6320. This course focuses on the development and analysis of teaching and learning strategies in nursing education. Adult learning principles of teaching and learning will be incorporated into the innovative strategies developed within this course. Integration of new technology in instructional design and delivery will be highlighted. Evaluation methods of both teacher and learner will be explored.
NURSE 6322 Evaluation Strategies in Nursing: 3 semester hours
Prerequisites: NURSE 6309. This course provides students the opportunity to learn evaluation concepts, including testing and measurement in nursing education at the didactic, clinical and programmatic levels. Content includes strategies to assess and evaluate learning in the cognitive, psychomotor and affective domains. Quality improvements, as well as legal and ethical considerations are explored. Key concepts include criterion and norm referenced theory and technique; reliability, validity, and the associated descriptive statistics; preparation of instrumental objectives for use in developing classroom tests and clinical nursing performance evaluations.

NURSE 6409 Role Of The Nurse Leader: 3 semester hours
Prerequisites: Admission to the Master's Program in the College of Nursing or consent of the instructor. Analysis of the roles and responsibilities of the nurse executive in a complex healthcare system. This course explores the roles and challenges of the clinical nurse leader. Emphasis will be placed on the responsibilities of the clinical nurse and clinical nurse leader in a complex healthcare system.

NURSE 6418 Organizational Behavior in Healthcare: 3 semester hours
Prerequisites: Consent of Program Director. This course applies theory and concepts from organizational behavior to the healthcare system and incorporates organizational theory and behavioral sciences as a framework for improving organization performance. Students will understand interpersonal and interprofessional relationships in healthcare and factors that influence effectiveness and employee and patient satisfaction. Areas of particular focus will include psychosocial factors impacting recruitment selection, training and development of employees, healthcare organizational leadership, theories of employee performance, effective management theory and practice, engaging and involving employees in organizational processes, motivation, teamwork, and managing change.

NURSE 6420 Healthcare Law and Regulation: 3 semester hours
Prerequisites: Consent of Program Director. This course introduces and examines a wide range of topics in the area of health law and regulation, and discusses how laws and regulations can promote or impede health and well-being. Students will explore concepts that inform healthcare policy, potential legal problems in various health care settings, issues and rights that are implicated, and the role of law in healthcare and policy. Students will identify issues and propose solutions or plans of action. The emphasis will be on formulating analyses of federal, state, and local law related to healthcare and public health. Specific topics will include the role that policy and law have played in areas such as tobacco regulation, managed care, healthcare reform, and laws utilized for emergency use of drugs and during public health emergencies.

NURSE 6424 Social Determinants of Health: 3 semester hours
This course covers health disparities in the U.S. that adversely impact individual health, population health outcomes, and the productivity of the workforce. Developing an appropriate response to what will be treated as an epidemic requires an understanding of factors that adversely influence vulnerability and behavior. Patterns of poverty and life expectancy serve as one vehicle for understanding social disparities. The goal of this course is to provide students with the skills to critically reflect on current strategies to stem the health disparities through a sociological approach to understanding epidemiological patterns. Understanding the impact of poverty, racism, and stigma and the processes of migration, incarceration, social interaction that influences vulnerability, access to care, and participation in wellness activities will be addressed. This course will have an extensive interdisciplinary approach that will challenge students to create solutions that address elements of the structural and social environment impacting health disparities. Students will work with individuals in the community to assess existing disparities, the current and the past approaches to mitigating the factors leading to disparities.

NURSE 6425 Managed Care Services: 3 semester hours
Prerequisites: Admission to the MSN or consent of instructor. Provides an analysis of the health care environment in managed care and its impact on the nurse's role.

NURSE 6426 Health Resources Management: 3 semester hours
Prerequisite: NURSE 6409. This course focuses on the roles and responsibilities of the nurse leader for fiscal and human resource management in both public and private sectors. Includes analysis of the environment, healthcare organization within the system and impact of resource management on nursing and health care.

NURSE 6428 Theory And Practice In Nursing Leadership: 3 semester hours
Prerequisite: NURSE 6409. This course focuses on theories and practices of advanced nursing leadership and management practice within complex healthcare systems. This course will also compare to global healthcare systems. Particular focus will be on the application/effectiveness assessments of the practices within healthcare organizations. Patient safety and quality management theory practices in healthcare will be discussed in depth and compared to other industries' safety and quality management programs theory/practices.

NURSE 6509 Role Of The Clinical Nurse Specialist/Nurse Practitioner: 2 semester hours
Prerequisites: Admission to the Master's Program in the College of Nursing or consent of instructor. This course will focus on issues affecting the emerging roles of the nurse practitioner and clinical nurse specialist. It is designed to facilitate the role development of nurses who desire to function as primary care providers and/or as specialists within a specific clinical area of advanced nursing practice. Emphasis include sub-roles of advanced practice (leader, consultant, expert, researcher, educator), legal and professional issues, change theories, and standards of practice.

NURSE 6518 Pathophysiology For Advanced Nursing Practice: 3 semester hours
Prerequisites: Consent of Program Director. This course prepares the student to interpret changes in physiology that result in symptoms indicative of illness by a systematic examination of disease processes. The graduate student will compare and contrast differential diagnosis within physiological systems of sub-cellular and cellular origin, biochemical, and anatomical changes across the life span.
**NURSE 6519 Advanced Pediatric Pathophysiology: 3 semester hours**
This course focuses on embryology of the major organ systems, as well as specific physiologic and pathophysiologic processes relevant to the child from birth through age 18. Implications for advanced nursing practice which result from alterations of normal physiologic functioning in cellular, tissue, and organ systems are examined. Emphasis is placed on the relationship between pathophysiology, decision making and standards of advanced nursing practice.

**NURSE 6520 Pharmacology For Advanced Nursing Practice: 3 semester hours**
Prerequisites: NURSE 6518 or consent of Program Director. This is a course in clinical pharmacotherapeutics that builds on prior knowledge of drug classifications, actions, interactions, and adverse drug reactions. The major focus of the course is the pharmacotherapeutic use of medications for primary healthcare management by advanced practice nurses. Emphasis is placed on clinical critical thinking processes used to prescribe drugs in the management of specific illnesses. The laws and regulations for advanced practice nurse prescriptive authority will be addressed. Emphases include pharmacodynamics, pharmacokinetics, pharmacotherapeutics, health-related information, medication compliance, and issues that pertain to the prescribing of medications in advanced nursing practice.

**NURSE 6524 Health Assessment For Advanced Nursing Practice: 3 semester hours**
Prerequisite: NURSE 6518 or consent of Program Director. This course provides a systematic approach to advanced physical assessment as well as psychological, sociocultural, developmental, and spiritual assessment of individuals across the life span. This course builds upon basic health assessment knowledge and skills, laboratory work interpretation, validation, documentation, and analysis of assessment findings. This course includes mandatory didactic and clinical experiences.

**NURSE 6526 Advanced Health Assessment For Pediatric Nursing Practice: 3 semester hours**
Co-requisite: NURSE 6519 or permission of the instructor. Comprehensive assessment of children through adolescence, including those with significant health and/or developmental deviations, using advanced diagnostic reasoning process. Emphasis on health history, cultural diversity, differentiation, interpretation, and documentation of findings. This course is designed to provide a theoretical and practical base for leadership development in population health, community health and organizational management. Emphasis is placed on clinical assessment and decision-making in the population's community-level intervention to change health outcomes. The student is expected to clinically apply the concepts and theories discussed in class that address health disparities in underserved populations, infectious diseases and community-level systems to chronic conditions.

**NURSE 6529 Advanced Pharmacology For Pediatric Nursing Practice: 3 semester hours**
Prerequisites: Admission to Master of Science in Nursing or permission of the instructor. This course is a clinical pharmacotherapeutics that builds on prior knowledge of drug classifications, actions, interactions, and adverse drug reactions. The major focus of the course is the pharmacotherapeutic use of medications for primary health care management of children from birth to young adulthood by advanced practice nurses. Emphasis is placed on the clinical critical thinking process used to prescribe drugs in the management of specific illness. The Missouri Laws for advanced practice nurse prescriptive authority will be addressed. Core concepts include pharmacodynamics, pharmacokinetics, health-related information, medication compliance and issues that pertain to the prescribing of medication in advanced nursing practice.

**NURSE 6530 Clinical Diagnostics for Advanced Nursing Practice: 3 semester hours**
Prerequisites: Consent of Program Director. This course provides an introduction to the interpretation and appropriate use of diagnostic measures for advanced practice nurses in primary care settings. Special attention is paid to laboratory, radiographic and diagnostic testing. In addition, clinical opportunities will be provided to gain clinical interventional skills for advanced practice nursing.

**NURSE 6531 Leadership in Population Health II: 4 semester hours**
Prerequisites: NURSE 6730 or consent of Program Director. This course is designed to provide a theoretical and practical base for leadership development in population health, community health and organizational management. Emphasis is placed on clinical assessment and decision-making in the population's community-level intervention to change health outcomes. The student is expected to clinically apply the concepts and theories discussed in class that address health disparities in underserved populations, infectious diseases and community-level systems to chronic conditions.

**NURSE 6660 Introduction to Health Systems Management, and Policy for Underserved: 3 semester hours**
Prerequisites: Consent of Program Director. This course provides a comprehensive survey of the U.S. health care system, healthcare policy, integrative care practice models, and management principles useful in primary care settings dedicated to underserved populations. Selected topics include health behaviors, health maintenance and the management of primary healthcare in underserved populations, access to mental health care and substance abuse treatment, the U.S. healthcare system (both public and private sectors), the legal and ethical bases for caring for the underserved, the public policy-making process, and management principles of strategic planning, marketing, and project management in clinics serving the underserved. The analysis of community health indicators, health disparities, and healthcare trends impacting underserved populations will be incorporated into a community based experience.

**NURSE 6730 Leadership in Population Health I: 4 semester hours**
This clinical course is designed to provide a theoretical and practical base for leadership development in population health, community health and organizational management. Emphasis is placed on clinical assessment and decision-making in the population's community-level intervention to change health outcomes. The student is expected to clinically apply the concepts and theories discussed in class that address health disparities in underserved populations, infectious diseases and community-level systems to chronic conditions.

**NURSE 6731 Leadership in Population Health II: 4 semester hours**
Prerequisites: NURSE 6730 or consent of Program Director. This course provides a theoretical and practical base for leadership development in population health, community health and organizational management. Emphasis is placed on clinical assessment and decision-making in the population's community-level intervention to change health outcomes. The student is expected to clinically apply the concepts and theories discussed in class that address health disparities in underserved populations, infectious diseases and community-level systems to chronic conditions.

**NURSE 6737 Psychiatric-Mental Health I: Diagnosis and Management in Advanced Nursing Practice: 4-5 semester hours**
Prerequisites: NURSE 6518, NURSE 6520, NURSE 6524 or consent of the Program Director. This course builds upon the advanced practice foundational courses of pathophysiology, pharmacology and advanced physical assessment to prepare students to assume roles in the advanced nursing care of individuals and families across the lifespan experiencing psychiatric-mental health concerns. Emphasis is placed on clinical assessment and decision-making in the provision of direct patient care within a defined scope of practice. Students will synthesize prior learning and apply primary prevention strategies into the diagnosis and holistic management of common acute, chronic and mental health problems in this population.

**NURSE 6738 Psychiatric-Mental Health II: Diagnosis & Management in Advanced Nursing Practice: 4-5 semester hours**
Prerequisite: NURSE 6737 or consent of Program Director. This course builds upon the advanced practice foundational courses of pathophysiology, pharmacology and advanced physical assessment to prepare students to assume roles in the advanced nursing care of the adult-geriatric age spectrum. Emphasis is placed on clinical assessment and decision-making in the provision of direct patient care within a defined scope of practice. Students will synthesize prior learning and apply primary prevention strategies into the diagnosis and holistic management of common acute, chronic, and mental health problems in this population.
NURSE 6739 Adult-Geriatric Health I: Diagnosis and Management in Advanced Nursing Practice: 4-5 semester hours
Prerequisites: NURSE 6518, NURSE 6520, NURSE 6524 or consent of the Program Director. This course builds upon the advanced practice foundational courses of pathophysiology, pharmacology and advanced physical assessment to prepare students to assume roles in the advanced nursing care of the adult-geriatric age spectrum. Emphasis is placed on clinical assessment and decision-making in the provision of direct patient care within a defined scope of practice. Students will synthesize prior learning and apply primary prevention strategies into the diagnosis and holistic management of common acute, chronic and mental health problems in this population.

NURSE 6740 Adult-Geriatric Health II: Diagnosis and Management in Advanced Nursing Practice: 4-5 semester hours
Prerequisite: NURSE 6739 or consent of Program Director. This course builds upon the advanced practice foundational courses of pathophysiology, pharmacology and advanced physical assessment to prepare students to assume roles in the advanced nursing care of individuals and families across the lifespan. Emphasis is placed on clinical assessment and decision-making in the provision of direct patient care within a defined scope of practice. Students will synthesize prior learning and apply primary prevention strategies into the diagnosis and holistic management of common acute, chronic and mental health problems in this population.

NURSE 6741 Family Health I: Diagnosis and Management of Advanced Nursing Practice: 4-5 semester hours
Prerequisites: NURSE 6518, NURSE 6520, NURSE 6524 or consent of the Program Director. This course builds upon the advanced practice foundational courses of pathophysiology, pharmacology and advanced physical assessment to prepare students to assume roles in the advanced nursing care of individuals and families across the lifespan. Emphasis is placed on clinical assessment and decision-making in the provision of direct patient care within a defined scope of practice. Students will synthesize prior learning and apply primary prevention strategies into the diagnosis and holistic management of common acute, chronic and mental health problems in this population.

NURSE 6742 Family Health II: Diagnosis and Management in Advanced Nursing Practice: 4-5 semester hours
Prerequisites: NURSE 6741 or consent of Program Director. This course builds upon the advanced practice foundational courses of pathophysiology, pharmacology and advanced physical assessment to prepare students to assume roles in the advanced nursing care of individuals and families across the lifespan. Emphasis is placed on clinical assessment and decision-making in the provision of direct patient care within a defined scope of practice. Students will synthesize prior learning and apply primary prevention strategies into the diagnosis and holistic management of common acute, chronic and mental health problems in this population.

NURSE 6743 Child Health I: Diagnosis and Management in Advanced Nursing Practice: 4-5 semester hours
Prerequisites: NURSE 6578, NURSE 6520, NURSE 6524 or consent of Program Director. This course builds upon the advanced practice foundational courses of pathophysiology, pharmacology and advanced physical assessment to prepare students to assume roles in the advanced nursing care of infants, children and adolescents. Emphasis is placed on clinical assessment and decision-making in the provision of direct patient care within a defined scope of practice. Students will synthesize prior learning and apply primary prevention strategies into the diagnosis and holistic management of common acute and chronic health and mental health problems in this population.

NURSE 6744 Child Health II: Diagnosis and Management in Advanced Practice Nursing: 4-5 semester hours
Prerequisites: NURSE 6743 or consent of Program Director. This course builds upon the advance practice foundational courses of pathophysiology, pharmacology, and advanced physical assessment to prepare students to assume roles in advanced nursing care of infants, children and adolescents. Emphasis is placed on clinical assessment and decision-making in the provision of direct patient care within a defined scope of practice. Students will synthesize prior learning and apply previous strategies into the diagnosis and holistic management of common acute, chronic and mental health problems in this population.

NURSE 6746 Women's Health I: Diagnosis & Management In Advanced Practice Nursing: 4-5 semester hours
Prerequisites: NURSE 6518, NURSE 6520, NURSE 6524 or consent of Program Director. This course builds upon the advanced practice foundational courses of pathophysiology, pharmacology and advanced physical assessment to prepare students to assume roles in the advanced nursing care of women across the life span, with a focus on reproductive health, including male sexual and reproductive health. Emphasis is placed on clinical assessment and decision-making in the provision of direct patient care within the defined scope of practice. Students will synthesize prior learning and apply primary prevention strategies into the diagnosis and holistic management of common acute, chronic and mental health problems in this population.

NURSE 6747 Women's Health II: Diagnosis & Mgmt In Advanced Nursing Practice: 4-5 semester hours
Prerequisites: NURSE 6518, NURSE 6520, NURSE 6524 or consent of Program Director. This course builds upon the advanced practice foundational courses of pathophysiology, pharmacology and advanced physical assessment to prepare students to assume roles in the advanced nursing care of the adult-geriatric age spectrum. Emphasis is placed on clinical assessment and decision-making in the provision of direct patient care within a defined scope of practice. Students will synthesize prior learning and apply primary prevention strategies into the diagnosis and holistic management of common acute, chronic and mental health problems in this population.

NURSE 6748 Leadership in Population Health and Healthcare Systems Residency I: 3 semester hours
This clinical course is designed to provide a theoretical and practical base for leadership development in population health and community health and organizational management. Emphasis is placed on clinical assessment and decision-making in the populations and community-level interventions to change health outcomes. The student is expected to clinically apply the concepts and theories discussed in class that address health disparities in underserved populations, infectious diseases, and community-level responses to chronic conditions. Clinical experiences are designed to enhance assessment and technical skills.
NURSE 6935 Leadership in Population Health and Healthcare Systems Residency II: 3-6 semester hours
This clinical course provides continued precepted experiences that allow students to develop the nurse practitioner role and clinical competencies within their specific emphasis area. Students integrate theory and clinical competencies to provide preventative care, health promotion, health education, health systems leadership, policy and evidence-based care populations.

NURSE 6950 Advanced Nursing Practice: 4 semester hours
Prerequisites: NURSE 6739, NURSE 6743, NURSE 6746. Advanced nursing practice examines different nursing and interdisciplinary models of case management of acute and chronic problems across the lifespan. The intensive clinical experience focuses on the student's specialty care area: adults, pediatric or women's health.

NURSE 6951 Advanced Intensive Clinical for the Nurse Educator: 2 semester hours
Prerequisites: NURSE 6520, NURSE 6524, NURSE 6309. This course provides a concentrated opportunity to function in an advanced nursing role as a nurse educator incorporating an intensive clinical experience focusing on the student's chosen population.

NURSE 6952 Synthesis Practicum: 3 semester hours
Prerequisites: All required courses in the Nurse Educator or Nursing Leadership of Health Systems option or consent of instructor. This clinical course is a concentrated opportunity to function in an advanced nursing role as a nurse administrator, integrating clinical and functional role activities within a chosen setting. Emphasis includes educator or administrator nursing practice, functional role responsibilities, and activities with emphasis on their relationship to client outcomes.

NURSE 6954 Advanced Practice Nursing: Residency I: 3-4 semester hours
Prerequisites: NURSE 6738, NURSE 6740, NURSE 6742, NURSE 6744, NURSE 6747 or the consent of the Program Director. This clinical course provides precepted experiences that allow students to continue to develop the nurse practitioner role and clinical competencies within their specific emphasis area. Students integrate theory and clinical competencies to provide preventative care, health promotion, health education and evidence-based care for acute, chronic and mental health conditions for individuals and families.

NURSE 6955 Advanced Practice Nursing: Residency II: 3-6 semester hours
Prerequisites: NURSE 6954 or the consent of the Program Director. This clinical course provides a continuation of precepted experiences that allow students to develop the nurse practitioner role and clinical competencies within their specific emphasis area. Students integrate theory and clinical competencies to provide preventative care, health promotion, health education and evidence-based care for acute, chronic and mental health conditions for individuals and families.

NURSE 7200 State of the Science in Nursing Research and Practice: 3 semester hours
Prerequisites: Consent of Program Director. This course examines the state of scientific knowledge in nursing research and practice. Gaps in the nursing research and practice are identified. Interrelationships between nursing science and scientific developments in other disciplines from the perspectives of health outcomes, population health indices, and policy implications of scientific progress are analyzed. Advances in biophysiological, psychosocial, sociocultural, health systems, and health economics research and the implications for translation to improve nursing science and practice are analyzed.

NURSE 7209 Role of the DNP: 3 semester hours
Prerequisites: Consent of Program Director. This course provides students with the opportunity to synthesize and analyze knowledge of the DNP role within a specified population focus and role. The overview of selected theories and frameworks that can be used to guide advanced practice nurses and nursing leaders in facilitating the use of evidence-based practice, understanding cultural aspects of care, and framing situational awareness. Core concepts include the regulatory, legislative, and professional influences of advanced nursing practice. Emphasis includes sub-roles of the doctorally prepared nurse including: Advanced Practice Registered Nurse (APRN), leader, consultant, expert, researcher, and educator.

NURSE 7211 Biostatistics I: 3 semester hours
Prerequisites: Consent of Program Director. This course provides a foundational understanding of the use of biostatistics in conducting research. Types of data, data description, logic of sampling and test statistics, hypothesis testing, type 1 and type 2 errors, covariates and confounding variables, and clinical versus statistical significance are included. Opportunities will be provided to gain skills conducting statistical analysis using SPSS, interpreting the results of analytic processes, and applying the results to common health and illness examples encountered in research publications.

NURSE 7212 Biostatistics II: 3 semester hours
Prerequisites: Admission to PhD program. This course builds on statistical procedures and advances the student's understanding of advanced statistical methods including design and measurement.

NURSE 7220 Leadership in Practice: 3 semester hours
Prerequisites: Consent of Program Director. This course provides students with the opportunity to develop and refine critical leadership skills by focusing on improving the health of individuals and populations. The course uses a combination of didactic lectures, case-based learning and experiential exercises to explore leadership competencies including change management, strategy implementation, quality improvement, effective communication, team dynamics, and systems thinking. Emphasis is on using models and theories that facilitate inter-professional collaboration to achieve optimal health outcomes. The focus is effective communication and leadership methods necessary to establish successful inter-professional teams. Students will enhance skills in verbal, written and electronic communication; team leadership; and creating and sustaining health related initiatives. Through advanced understanding of the inter-professional dimension of healthcare, students will facilitate collaboration and remove barriers to providing safe, timely, effective, efficient, equitable and patient centered care in healthcare systems.

NURSE 7230 Epidemiology: 3 semester hours
Prerequisite: NURSE 7111 or Consent of Program Director. This course covers epidemiology, logistic modeling, and public health surveillance in primary healthcare. It provides an introduction into investigation of outbreaks. The course will enable the healthcare professional to develop a knowledge base to address issues of health and illness of a population.
**NURSE 7240 Health Informatics: 3 semester hours**  
Prerequisites: Consent of the Program Director. This course explores information systems and computer technologies that can improve the health of individuals, families, communities, and populations by optimizing information management and communication. Focus areas include the electronic medical record, technologies to improve patient safety, standards for privacy and security, tele-health systems to improve healthcare access to underserved populations, use of web-enhanced technologies for research translation, and strategies to provide data for decision making and evidence-based databases. Emphasis is placed on developing competence in technology use for the purpose of program evaluation, establishing healthcare quality, and improving healthcare delivery to diverse populations in complex healthcare settings.

**NURSE 7251 Healthcare Economics: 3 semester hours**  
Prerequisites: Consent of Program Director. This course introduces the student to the basic economic concepts and analytical methods used to understand, analyze, and evaluate economic aspects across various sectors of the healthcare system including clinics, underserved and rural populations, the role of government in the delivery of healthcare services, and the economic aspects of healthcare reform. The course applies tools of analysis to the behavior of households, healthcare providers, health insurance organizations, pharmaceutical industries, and not-for-profit and federally-funded clinics.

**NURSE 7260 Program Evaluation and Quality Management in Healthcare: 3 semester hours**  
Prerequisite: None. This course introduces students to the principles and procedures for assessing the quality and effectiveness of programs, projects, and materials related to planned interventions and systems changes in health settings. An overview is provided of past and current strategies to define and assess the quality of healthcare delivery using tools required to examine, evaluate, and implement the key structures and processes of quality improvement programs in healthcare organizations. Practical applications that prepare the participants to use the theory and techniques of quality improvement in situations with complex clinical and managerial implications will be incorporated.

**NURSE 7270 Policy Application for Improved Health Outcomes: 3 semester hours**  
Prerequisites: NURSE 6106 or equivalent and NURSE 7230. Students learn how to effectively translate and disseminate knowledge from nursing and other health sciences to policy makers and stakeholders in order to form collaborations to affect change at various levels of the policy process. Topics to be covered include policy analysis, policy development, collaboration and negotiation specific to the policy process, building social and political capitol and garnering resources to assure effective policy implementation. Students will utilize population health data, policy analysis, and policy development skills to define, shape and implement culturally competent health policy.

**NURSE 7291 DNP Capstone I: 3 semester hours**  
Prerequisites: Consent of Program Director. This experience provides additional opportunities for practice expertise development to create change in a targeted population and complex healthcare environments. Students will develop skills to assess and diagnose healthcare systems and identify evidence-based strategies to improve health outcomes. This experience includes immersion in their population-focused scholarly project.

**NURSE 7292 DNP Capstone II: 3 semester hours**  
Prerequisites: Consent of Program Director. This experience provides additional opportunities for practice expertise development to create change in a targeted population and complex healthcare environments. Students will develop skills to assess and diagnose healthcare systems and identify evidence-based strategies to improve health outcomes. This experience includes immersion in their population-focused scholarly project.

**NURSE 7293 DNP Capstone III: 2 semester hours**  
Prerequisites: Consent of Program Director. This experience provides additional opportunities for the development of practice expertise to create change in a targeted population and complex healthcare environments. Students will develop skills to assess and diagnose healthcare systems and identify evidence-based strategies to improve health outcomes. This experience includes immersion in their population-focused scholarly project.

**NURSE 7299 DNP Seminar: 1-3 semester hours**  
Prerequisites: All DNP required course work or Consent of Instructor. This seminar provides students with the opportunity to synthesize and analyze knowledge within the context of the emerging DNP role. Analysis of practice issues may include reflective practice, collaboration, health systems technology, ethics and policy.

**NURSE 7300 Prevention of Injury and Disability: 3 semester hours**  
Prerequisites: Graduate status or consent of instructor. This course will examine trends in injury and disability nationally and internationally, relevant theories and conceptual models, the definition and measurement of key concepts, and analysis of interventions proposed for preventing injury and mitigating disability. The role of information and computer technologies in the management of disability will also be considered. Specific content will include age-related injury and disability, disability associated with cardiovascular and other chronic diseases, and the psychosocial contexts of disability, including traumatic stress and its outcomes.

**NURSE 7401 Research Institute I: 2 semester hours**  
Prerequisites: Admission to Doctoral Study in Nursing. This course provides an introduction to the process of becoming a research scientist or translational investigator. Content will include the responsible conduct of research, its core elements, relevant policies and procedures, and relevant research. This course also includes the culture of nursing, literature reviews, scholarly writing, technology in the research process, developing a program of scholarship and effective time management.

**NURSE 7403 Developer of the Nurse Scientist: 3 semester hours**  
Prerequisite: Admission to doctoral study in nursing. This course addresses the role of the PhD-prepared nurse as scientist, leader, academician, and policy maker. Students will analyze strategies for lifelong learning and development as nurse scientists and will explore avenues for building their programs of scholarship, funding opportunities, and contributing to nursing science in policy and clinical practice. Students will examine ways to collaborate effectively in order to improve health care and health outcomes.

**NURSE 7443 Healthcare Policy: 3 semester hours**  
Prerequisites: Graduate Standing and Consent of the Program Director. This is a survey course examining current issues in healthcare policy that face the nation. Policies are placed in a historical context to show how issues have been influenced by different political and economic conditions. Secondary consequences and limitations of current trends in healthcare policy are explored.
NURSE 7480 Guided Nursing Research Seminar: 1-6 semester hours
Prerequisite: Consent of instructor. Provides opportunity to work in collaboration with faculty and peers on a focused research topic relevant to nursing.

NURSE 7481 Development Of Nursing Science And Theory: 3 semester hours
Prerequisite: Admission to PhD Program. This course focuses on the discipline of nursing, including the evolution of the state of scientific inquiry and knowledge development in nursing. The course includes the aims of nursing science, the nature of nursing knowledge and scientific theories, and a discussion of relationships among theory, research, method, and practice. Students engage in constructive dialogue as they begin to conceptualize nursing phenomena in their area of interest.

NURSE 7488 Qualitative Methods In Nursing Research: 3 semester hours
Prerequisites: Admission to PhD program. Examines the relationship between theoretical and philosophical perspectives and selection of appropriate methodologies in research design. Critically explores issues related to innovations in traditional qualitative designs and emerging technologies, rigor and validity, and role of interpretive research in nursing science.

NURSE 7490 Advanced Nursing Research Designs and Methods: 3 semester hours
Prerequisite: Admission to the PhD program. This course focuses on development of the research plan including issues in sampling, design, and implementation nursing research. Students will evaluate research methods to answer research questions in their area of interest. Content includes design and analysis issues affecting validity, examination of measurement techniques for assessing validity, reliability, structure of data collection instruments, and criteria for instrument selection. A research proposal will be prepared.

NURSE 7491 Advanced Nursing Theory Development And Validation: 3 semester hours
Prerequisite: Admission to PhD program. This course focuses on a systematic study of contemporary nursing science and related theories in knowledge development, and the application of theory construction and validation strategies to specific nursing phenomena of interest. Students create and critically examine theoretical frameworks and models, with emphasis placed on constructing and testing theoretical statements.

NURSE 7498 Doctoral Seminar: 1-12 semester hours
Prerequisite: Consent of instructor. Presentation and discussion of pertinent methodological and clinical issues related to doctoral research.

NURSE 7499 Dissertation Research: 1-12 semester hours
Prerequisite: All required course work; successful completion of comprehensive examination. Investigation of an advanced nature culminating in successful defense of dissertation. Continuous registration is required.

NURSE 7530 Assessment of Community Health and Infrastructure: 3 semester hours
Prerequisites: Consent of Program Director. This course will introduce community health assessment and community infrastructure assessment. Participants will be introduced to the information and the resources available to secure and improve resilience in the community’s healthcare and public health infrastructure. Participants will also be given an opportunity to work on a community-based health assessment project in conjunction with a community partner. Much of the experience will be practical and hands-on. Participants may be asked to work with a new project or join in an ongoing project.

NURSE 7934 Leadership in Population Health and Healthcare Systems Residency III: 3-6 semester hours
Prerequisites: Consent of Program Director. This clinical course provides continued precepted experiences that allow students to develop the leadership and population-focused role and clinical competencies within their specific emphasis area. Students integrate theory and clinical competencies to population preventative care, healthcare, health promotion, health education, health systems leadership, policy, and evidence-based care populations.