NURSING, BACHELOR OF SCIENCE (B.S.), TRADITIONAL PROGRAM

The School of Nursing offers the following curricula in the baccalaureate program: the traditional, the accelerated B.S. and the online R.N.-B.S. completion. Successful completion of curricular requirements results in a Bachelor of Science degree. Note that the applicant is responsible for seeking advice from the School of Nursing on courses taken prior to admission.

Program goals
Students will achieve an advanced beginner level of nursing competence by demonstrating:

I. Effective therapeutic nursing practice
II. Nursing judgment
III. A spirit of inquiry
IV. Professional identity

Student learning outcomes
The graduate is a knowledgeable professional nurse who will demonstrate:

a. Integration of theories and concepts from liberal education into nursing practice (III)
b. Knowledge, skills and attitudes in leadership, quality improvement and patient safety to provide high quality health care (I, II, IV)
c. Professional nursing practice grounded in the translation of current evidence (I, II, III)
d. Knowledge of skills in information literacy, management and patient care technology (III)
e. Knowledge of health care, financial and regulatory policies that influence the nature and functioning of the health care system (I, II)
f. Effective communication and collaboration skills with the interprofessional team to deliver high quality and safe patient care (I, II, IV)
g. Health promotion and disease prevention at the individual and population level necessary to improve population health (I, II)
h. Professionalism that reflects the inherent values of altruism, autonomy, human dignity, integrity and social justice fundamental to nursing (IV)
i. Competence to practice with patients, including individuals, families, groups, communities and populations across the lifespan and across the continuum of health care environments that respects the variations of care, the increased complexity and the use of health care resources inherent in caring for patients (I, II, III, IV)

Other information
Our international and non-native English-speaking students bring different perspectives and new thinking to our nursing programs. To ensure that all incoming student are prepared for the school’s academic rigor, all international applicants and non-native English speaking applicants without a degree from a U.S. high school, college or university must provide additional information with their applications according to the English language proficiency guidelines on the program admission tab.

To be considered for admission to the School of Nursing, applicants must:

a. Be eligible for readmission or be in good standing at the last college or university attended
b. Submit a completed application with all required materials to the School of Nursing
c. Have a minimum cumulative GPA of 2.5 based on a scale of 4.0 on all college course work
d. Present no grades lower than B in anatomy, physiology or microbiology (Lower grades are not accepted for these courses. Anatomy, physiology, and microbiology must be taken within 10 years of enrollment into the nursing program. Grades lower than C in any other required courses are not accepted.)
e. Provide additional information with the application according to the English language proficiency guidelines for applicants who are international or non-native English speakers without a degree from a U.S. high school, college or university. (Additional information can be found on the “Required materials” tab of the VCU International Admissions website (https://www.vcu.edu/admissions/apply/international/undergraduate-applicants/))
f. Complete the following prerequisites prior to enrollment:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 101</td>
<td>Biological Concepts (either satisfies general education BOK for natural sciences and AOI for scientific and logical reasoning)</td>
<td>3</td>
</tr>
<tr>
<td>or BIOL 151</td>
<td>Introduction to Biological Sciences I</td>
<td></td>
</tr>
<tr>
<td>BIOL 205</td>
<td>Basic Human Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 217</td>
<td>Principles of Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>BIOZ 101</td>
<td>Biological Concepts Laboratory (choose lab to match lecture component)</td>
<td>1</td>
</tr>
<tr>
<td>or BIOZ 151</td>
<td>Introduction to Biological Science Laboratory I</td>
<td></td>
</tr>
<tr>
<td>PSYC 101</td>
<td>Play course video for Introduction to Psychology</td>
<td>4</td>
</tr>
<tr>
<td>or Focused Inquiry I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOCY 101</td>
<td>Play course video for Introduction to Sociology (satisfies general education BOK for social/behavioral sciences and AOI for diversities in the human experience)</td>
<td>3</td>
</tr>
<tr>
<td>or ANTH 103</td>
<td>Introduction to Anthropology</td>
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<tr>
<td>UNIV 111</td>
<td>Play course video for Focused Inquiry I</td>
<td>3</td>
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<tr>
<td>or Focused Inquiry II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UNIV 112</td>
<td>Play course video for Focused Inquiry II</td>
<td>3</td>
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</tbody>
</table>

Refer to the VCU Transfer Center website (http://www.transfer.vcu.edu/) for equivalencies at other colleges and universities.
Applicants attending colleges or universities which offer anatomy and physiology as a combined two-semester course must complete the entire course sequence prior to enrolling in the School of Nursing. One semester of a combined anatomy and physiology course will not transfer, nor can one semester of a combined anatomy and physiology course be used in conjunction with a stand-alone anatomy or physiology course to fulfill this requirement. If taking stand-alone anatomy and physiology courses, human or comparative anatomy and human or animal physiology are accepted.

Note: Applicants are not required to submit standardized test scores.

Applicants who have completed a baccalaureate degree in a field other than nursing may also apply for the accelerated program. A full list of admission requirements for second-degree applicants (http://bulletin.vcu.edu/undergraduate/nursing/nursing-bs-accelerated-program/#programadmissiontext) can be found under the accelerated program listing.

### Degree requirements for Nursing, Bachelor of Science (B.S.)

#### General education

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General education</td>
<td></td>
<td>30</td>
</tr>
<tr>
<td>Select 30 credits</td>
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</tbody>
</table>

Select 30 credits of general education courses in consultation with an adviser.

#### Major requirements

- **Major core requirements**
  - NURS 201 Concepts of Professional Nursing
  - NURS 202 Technologies of Nursing Practice
  - NURS 261 Health Assessment for Nursing Practice
  - NURS 325 Nursing of Adults I
  - NURS 335 Nursing of Women
  - NURS 403 Evidence-based Practice in Health Care
  - NURS 345 Nursing of Children
  - NURS 355 Psychiatric-Mental Health Nursing
  - NURS 365 Pathophysiology and Pharmacology I
  - NURS 366 Pathophysiology and Pharmacology II
  - NURS 416 Community Health Nursing
  - NURS 425 Nursing of Adults II
  - NURS 478 Leadership and Management in Health Care: Theory and Application
  - NURS 498 Senior Synthesis

- **Additional major requirements**
  - IPEC 501 Foundations of Interprofessional Practice
  - IPEC 502 Interprofessional Quality Improvement and Patient Safety
  - IPEC 561 IPE Virtual Geriatric Case or IPEC 562 IPE Quality Improvement Project Practicum or IPEC 563 Interprofessional Complex Care Coordination

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>BIOL 101 or BIOL 151</td>
<td>Introduction to Biological Sciences I</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 205</td>
<td>Basic Human Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 209 &amp; BIOLZ 209</td>
<td>Medical Microbiology and Medical Microbiology Laboratory</td>
<td>4</td>
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<tr>
<td>BIOL 217</td>
<td>Principles of Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>BIOLZ 101 or BIOLZ 151</td>
<td>Biological Concepts Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>PHIS 206 &amp; PHIZ 206</td>
<td>Human Physiology</td>
<td>4</td>
</tr>
<tr>
<td>PSYC 101 Play course video for Psychology or ANTH 103</td>
<td>Introduction to Psychology (satisfies general education BOK for social/behavioral sciences and AOI for diversities in the human experience)</td>
<td>3</td>
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<tr>
<td>PSYC 304</td>
<td>Life Span Development Psychology</td>
<td>3</td>
</tr>
<tr>
<td>STAT 208 or STAT 210</td>
<td>Basic Practice of Statistics</td>
<td>3</td>
</tr>
<tr>
<td>or STAT 212</td>
<td>Concepts of Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Electives: 300-level or higher**

| Total Hours | 122 |
---|---|

Some course work completed toward admission will also fulfill general education requirements. Admission to the program requires 24 credits.

Applicants attending colleges or universities which offer anatomy and physiology as a combined two-semester course must complete the entire course sequence prior to enrolling in the School of Nursing. One semester of a combined anatomy and physiology course will not transfer, nor can one semester of a combined anatomy and physiology course be used in conjunction with a stand-alone anatomy or physiology course to fulfill this requirement. If taking stand-alone anatomy and physiology courses, human or comparative anatomy and human or animal physiology are accepted.

The minimum number of credit hours required for this degree is 122.

What follows is a sample plan that meets the prescribed requirements within a four-year course of study at VCU. Please contact your adviser before beginning course work toward a degree.

#### Freshman year

<table>
<thead>
<tr>
<th>Fall semester</th>
<th>Hours</th>
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<tbody>
<tr>
<td>BIOL 101</td>
<td>3</td>
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<tr>
<td>or BIOL 151</td>
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<tr>
<td>or BIOL 205</td>
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<td>or BIOL 209</td>
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<td>or BIOL 217</td>
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<tr>
<td>or BIOLZ 101</td>
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<tr>
<td>or BIOLZ 151</td>
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<tr>
<td>or PHIS 206</td>
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<tr>
<td>or PHIZ 206</td>
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<tr>
<td>or PSYC 101</td>
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<tr>
<td>or PSYC 304</td>
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<tr>
<td>or STAT 208</td>
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<td>or STAT 210</td>
<td></td>
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<tr>
<td>or STAT 212</td>
<td></td>
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<tr>
<td>or IPEC 501</td>
<td></td>
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<tr>
<td>or IPEC 502</td>
<td></td>
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<tr>
<td>or IPEC 561</td>
<td></td>
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<td>or IPEC 562</td>
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<td>or IPEC 563</td>
<td></td>
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<tr>
<td>or ANTH 103</td>
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<tr>
<td>or PSYC 101</td>
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<tr>
<td>or PSYC 304</td>
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<td>or STAT 208</td>
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<td>or STAT 210</td>
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<td>or STAT 212</td>
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<td>or IPEC 501</td>
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<td>or IPEC 502</td>
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<td>or IPEC 561</td>
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<td>or IPEC 562</td>
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<tr>
<td>or IPEC 563</td>
<td></td>
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<tr>
<td>or ANTH 103</td>
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</tbody>
</table>
Nursing, Bachelor of Science (B.S.), traditional program

BIOZ 101  Biological Concepts Laboratory  1
PSYC 101  Introduction to Psychology (satisfies general education BOK for social/behavioral sciences and AOI for diversities in the human experience)  4

Play course video for Introduction to Psychology

UNIV 111  Focused Inquiry I (satisfies general education UNIV foundations)  3

Play course video for Focused Inquiry I

General education course  2

Term Hours:  13

Spring semester

BIOL 205  Basic Human Anatomy  4
BIOL 217  Principles of Nutrition  3
SOCY 101  Introduction to Sociology (satisfies general education BOK for social/behavioral sciences and AOI for diversities in the human experience)  3

Play course video for Introduction to Sociology

UNIV 112  Focused Inquiry II (satisfies general education UNIV foundations)  3

Play course video for Focused Inquiry II

Term Hours:  13

Sophomore year

Fall semester

BIOL 209  Medical Microbiology  4
& BIOZ 209 and Medical Microbiology Laboratory
PHIS 206  Human Physiology  4
& PHIZ 206 and Human Physiology Laboratory
PSY3 304  Life Span Developmental Psychology  3
STAT 208  Statistical Thinking (satisfies general education quantitative foundation)  3
or STAT 210 or Basic Practice of Statistics
or STAT 212 or Concepts of Statistics

General education course  3

Term Hours:  17

Spring semester

NURS 201  Concepts of Professional Nursing  2
NURS 202  Technologies of Nursing Practice  6
NURS 261  Health Assessment for Nursing Practice  3
UNIV 200  Inquiry and the Craft of Argument (satisfies general education UNIV foundations)  3

General education course  3

Term Hours:  17

Junior year

Fall semester

IPEC 501  Foundations of Interprofessional Practice  1
NURS 325  Nursing of Adults I  6
NURS 355  Psychiatric-Mental Health Nursing  5

NURS 365  Pathophysiology and Pharmacology I  3

Term Hours:  15

Spring semester

IPEC 502  Interprofessional Quality Improvement and Patient Safety  1
NURS 335  Nursing of Women  5
NURS 345  Nursing of Children  5
NURS 366  Pathophysiology and Pharmacology II  3
NURS 403  Evidence-based Practice in Health Care  3

Term Hours:  17

Senior year

Fall semester

NURS 425  Nursing of Adults II  6
NURS 478  Leadership and Management in Health Care: Theory and Application  3
Electives (300-level or higher)  6

Term Hours:  15

Spring semester

IPEC 561  IPE Virtual Geriatric Case  2
or IPEC 562 or IPE Quality Improvement Project
or IPEC 563 or Interprofessional Complex Care
or UNIV 500 or Interprofessional Coordination

NURS 416  Community Health Nursing  5
NURS 498  Senior Synthesis  8

Term Hours:  15

Total Hours:  122

1

Some general education categories will be met with admission requirements. Consult with an adviser to determine remaining categories.

The minimum number of credit hours required for this degree is 122.

NURS 201. Concepts of Professional Nursing. 2 Hours.

Semester course; 2 lecture hours. 2 credits (2 credits lecture).
Prerequisite: admission to the School of Nursing. Provides a foundation for all clinical nursing courses. Content focuses on professionalism, professional nursing values and health care delivery. The core competencies identified by the Institute of Medicine for health care professionals are introduced as critical components of professional nursing practice, and selected concepts related to these core competencies are emphasized. Course activities are structured to establish effective professional behaviors and learning strategies useful across one’s professional career.
NURS 202. Technologies of Nursing Practice. 6 Hours.
Semester course; 3 lecture and 90 clinical/laboratory hours. (3 credits lecture and 3 credits clinical/laboratory). 6 credits. Prerequisite: admission to the School of Nursing. This course introduces the student to the study and application of skills and interventions basic to nursing practice. Content focuses on the development of cognitive, psychomotor, affective, interpersonal and communication skills to become effective members of the collaborative health care team. Students will learn how the concepts of nursing process and evidence-based clinical decision-making are integrated into practice. Opportunities are provided for practice and demonstration of selected skills in the laboratory and in clinical settings. This course emphasizes techniques for the safe acquisition and management of patient information.

NURS 261. Health Assessment for Nursing Practice. 3 Hours.
Semester course; 2 lecture and 30 clinical/lab hours. 3 credits (2 credits lecture and 1 credit clinical/lab). Prerequisite: NURS 201. Enrollment requires admission to the School of Nursing. This course builds on the biopsychosocial sciences and focuses on development of knowledge, skills and techniques necessary for history-taking and physical examination in adults. Students are introduced to the nursing process and diagnostic reasoning skills are developed through analysis and documentation of assessment data. A laboratory experience provides opportunities for students to integrate communication and problem-solving skills with the health assessment process. The course focuses on the healthy adult patient and emphasizes the diversity of patient populations in health care settings.

NURS 325. Nursing of Adults I. 6 Hours.
Semester course; 3 lecture and 90 clinical/laboratory hours. 6 credits (3 credits lecture and 3 credits clinical/laboratory). Prerequisites: NURS 201, NURS 202, NURS 261 and PSYC 304. All prerequisites must be completed with a minimum grade of C. Focuses on adult and geriatric patients with acute and chronic physical illnesses that have relatively stable trajectories. Provides theoretical and evidence-based foundations for nursing management and related therapeutic regimens. Emphasizes clinical decision-making and technical skills in the provision of care to adult and geriatric patients in a variety of health care settings.

NURS 335. Psychiatric-Mental Health Nursing. 5 Hours.
Semester course; 3 lecture and 60 clinical hours. 5 credits (3 credits lecture and 2 credits clinical laboratory). Prerequisites: NURS 201, NURS 202 and NURS 261. All prerequisites must be completed with a minimum grade of C. Examines theoretical, empirical and practical knowledge applied to the prevention and treatment of common psychiatric and mental health conditions encountered in basic nursing practice. Provides students with an integrative perspective from which to incorporate various frameworks of knowledge into practice. Provides didactic knowledge and clinical learning experiences to facilitate students’ understanding of actual and potential psychiatric illnesses and mental health problems in individuals, families and communities.

NURS 355. Nursing of Women. 5 Hours.
Semester course; 3 lecture hours (delivered online). 3 credits (3 lecture credits). Prerequisites: anatomy, physiology and microbiology; BIOL 205, PHIS 206; and BIOL 209 or BIOL 303. Enrollment is restricted to students admitted to the School of Nursing. Introduces general and foundational principles in pathophysiology and pharmacology. Examines pathophysiological mechanisms selected diseases, syndromes and/or conditions and integrates related pharmacotherapeutics. Establishes a biophysiological basis for understanding relevant clinical assessments, clinical manifestations and disease trajectories. Provides a foundation for establishing physiological priorities for nursing care.

NURS 365. Pathophysiology and Pharmacology I. 3 Hours.
Semester course; 3 lecture hours (delivered online). 3 credits (3 lecture credits). Prerequisites: NURS 325, NURS 335, NURS 345, NURS 355, NURS 365, NURS 366 and NURS 403, all completed with a minimum grade of C. Examines pathophysiological mechanisms in selected human systems diseases, syndromes and/or conditions and integrates related pharmacotherapeutics. Establishes a biophysiological basis for understanding relevant clinical assessments, clinical manifestations and disease trajectories. Provides a foundation for establishing physiological priorities for nursing care.

NURS 366. Pathophysiology and Pharmacology II. 3 Hours.
Semester course; 3 lecture hours (delivered online). 3 credits (3 lecture credits). Prerequisite: NURS 365 completed with a minimum grade of C. Examines pathophysiological mechanisms in selected human systems diseases, syndromes and/or conditions and integrates related pharmacotherapeutics. Establishes a biophysiological basis for understanding relevant clinical assessments, clinical manifestations and disease trajectories. Provides a foundation for establishing physiological priorities for nursing care.

NURS 416. Community Health Nursing. 5 Hours.
Semester course; 3 lecture and 60 clinical hours. 5 credits (3 credits lecture and 2 credits clinical laboratory). Prerequisites: NURS 325, NURS 335, NURS 345, NURS 355, NURS 365, NURS 366 and NURS 403, all completed with a minimum grade of C. Focuses on development of knowledge and skills essential for care of communities and populations. Explores theory and evidence relevant to the assessment, planning, implementation and evaluation of communities and populations. Incorporates epidemiological principles to population-focused nursing and emphasizes the study and application of community health nursing roles for health promotion and disease prevention. Evaluates the impact of health policy on the public’s health. Designs an evidence-based service-learning project to address the health care needs of at-risk populations.

NURS 425. Nursing of Adults II. 6 Hours.
Semester course; 3 lecture and 90 clinical hours. 6 credits (3 credits lecture and 3 credits clinical laboratory). Prerequisites: NURS 325, NURS 335, NURS 345, NURS 355, NURS 365 and NURS 366, all completed with a minimum grade of C. Focuses on the patient in acute phases of physical illnesses and with complicated multisystem health problems. Provides theoretical and evidence-based foundations for nursing management and related therapeutic regimens. Focuses on the development and application of clinical decision-making and an evidence-based model in the provision of care to acutely ill adults in a variety of settings.
NURS 478. Leadership and Management in Health Care: Theory and Application. 3 Hours.
Semester course; 3 lecture hours (3 credits lecture). 3 credits.
Prerequisites: NURS 325, NURS 335, NURS 345, NURS 355, NURS 365 and NURS 366, all completed with a minimum grade of C. Integrates principles of leadership and management to prepare students for management, coordination and implementation of safe and ethical patient care in contemporary health care delivery systems. Based on an understanding of nursing’s development as a profession, advances enactment of professionalism.

NURS 496. Senior Synthesis. 6 Hours.
Semester course; 2 lecture and 120 clinical/lab hours. Honors section only: 2 lecture, 1 seminar and 120 clinical/lab hours. 6 credits (2 credits lecture and 4 credits clinical/lab). Honors section: 7 credits (2 credits lecture, 1 credit seminar [2 contact hours] and 4 credits clinical/lab). Prerequisites: NURS 325, NURS 335, NURS 345, NURS 355, NURS 365, NURS 366, NURS 371, NURS 425, IPEC 501 and IPEC 502. Honors section prerequisite: NURS 512. All prerequisites must be completed with a minimum grade of C. This course is designed as a culminating experience that meets the criteria of the third tier of the VCU Core Curriculum. It prepares students for successful transition into professional practice; thus it requires higher-level cognitive processes that include synthesis of knowledge, evidence and skills from all previous course work and clinical experiences. The course requires that the student consistently enact professional practice, demonstrate competency in standards of care, application of evidence, professionalism and safe and legal practice. This course is taken during the last semester of the nursing program.