Mercy College of Nursing and Health Sciences

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Mission Statement

Mercy College of Nursing and Health Sciences is faith-based, educating students to be competent and caring health care professionals engaged in the healing ministry of Christ through servant leadership.

Vision Statement

We are believers in Christ, partnering together to educate current and future healthcare professionals to be competent and caring servant leaders. MCONHS provides quality faith-based education to our students, capable of serving diverse populations in a variety of healthcare settings. We embody Christ-likeness in our daily interactions demonstrated by personal integrity, shared values and service to the community.

DEPARTMENT OF UNDERGRADUATE NURSING – SPRINGFIELD

Associate of Science in Nursing
Accredited by the Accreditation Commission for Education in Nursing and Missouri State Board of Nursing

Southwest Baptist University (SBU) offers a 2-year pre-licensure nursing program leading to the Associate of Science in Nursing degree (ASN). Graduates of the ASN program meet the requirements to sit for the National licensure examination (NCLEX-RN) for registered professional nurses (RN). Graduation from this program does not guarantee licensure as an RN. This program is offered at the SBU- Springfield Campus. A graduate of the ASN program enters the health care environment as a nurse generalist, prepared to practice in settings where policies and procedures are established and guidance is available. Graduates will have experience caring for individual clients across the lifespan, within the context
of their families and communities, in settings across the health care continuum. Students may progress from the ASN to BSN completion program, or may be concurrently enrolled.

**ASN Science Incentive**
Awarded to Pre-nursing students taking all required prerequisite science courses at Southwest Baptist University.

**Requirements:**
1. Meet admission requirements of SBU and be enrolled at SBU
2. Complete the following prerequisite sciences with a 3.0 science cumulative GPA
   - BIO 2204 Anatomy & Physiology I
   - BIO 3304 Anatomy & Physiology II
   - BIO 2213 Microbiology
   - CHE 1004 Chemistry for Allied Health
3. Have a cumulative GPA of 3.0
4. Repeated ASN courses do not apply.

Qualifying students will receive $500 per semester for a maximum total of $2000 per student.

**ASN Requirements (72 hours including prerequisites)**
Students completing the ASN Program must meet all general education and graduation requirements of the university.

**ASN Prerequisites (must be met with a minimum of a C in all Courses).**
- BIO 2204 Human Anatomy and Physiology I+ ........................................... 4 hours
- BIO 3304 Human Anatomy and Physiology II− ........................................... 4 hours
- CHE 1004 Chemistry for Allied Health #+ .................................................. 4 hours
- BIO 2213 Introduction to Microbiology− ................................................... 3 hours

**ASN Graduation and Program Requirements**
- BIB 1013/1213 Old Testament History** ................................................... 3 hours
- BIB 1023/1223 New Testament History** ................................................... 3 hours
- BIO/KIN 2243 Nutrition .......................................................... 3 hours
- CIS 1103 Computer and Information Management# .................................. 3 hours
- ENG 1113 English Composition I # .......................................................... 3 hours
- PSY 1013 General Psychology .............................................................. 3 hours
- PSY 3063 Human Growth and Development .............................................. 3 hours

**ASN Major Requirements (36 hours)**
- NUR 1018 Foundation of Nursing Practice Across the Lifespan .................. 8 hours
- NUR 1011 Pharmacology for Nursing I...................................................... 1 hour
- NUR 1028 Patient Centered Care .............................................................. 8 hours
- NUR 1021 Pharmacology for Nursing II ................................................... 1 hour
- NUR 2038 Advanced Patient Centered Care .............................................. 8 hours
- NUR 2031 Pharmacology for Nursing III ................................................... 1 hour
- NUR 2048 Nursing Role Integration .......................................................... 8 hours
- NUR 2051 NCLEX Preparation ................................................................ 1 hour

Students Transferring into Second Semester must successfully complete the Transitions course listed below (*) and provide transfer equivalency of 9 credit hours of nursing, including clinical

- NUR 1223 MCONHS Transitions Nursing Course I* .................................. 3 hours
- NUR 1028 Patient Centered Care .............................................................. 8 hours
- NUR 1021 Pharmacology for Nursing II ................................................... 1 hour
- NUR 2038 Advanced Patient Centered Care .............................................. 8 hours
- NUR 2031 Pharmacology for Nursing III ................................................... 1 hour
- NUR 2048 Nursing Role Integration .......................................................... 8 hours
- NUR 2051 NCLEX Preparation ................................................................ 1 hour
Students Transferring into Third Semester must successfully complete the Transitions course listed below (*) and provide transfer equivalency of 18 credit hours of nursing including clinical and 3 credit hours of Pharmacology

- NUR 2023 MCONHS Transitions Nursing Course II* .................................................................. 3 hour
- NUR 2038 Advanced Patient Centered Care ........................................................................ 8 hours
- NUR 2031 Pharmacology for Nursing III ............................................................................. 1 hour
- NUR 2048 Nursing Role Integration ................................................................................. 8 hours
- NUR 2051 NCLEX Preparation ......................................................................................... 1 hour

Students entering into the Third Semester as Advanced Placement Bridge students must successfully complete the appropriate Bridge course listed below and must possess a license in good standing as a Practical Nurse or Paramedic in the State of Missouri.

- NUR 1104 Paramedic Advanced Placement Bridge Course .............................................. 4 hours
- NUR 2003 LPN Advanced Placement Bridge Course ....................................................... 3 hours
- NUR 2038 Advanced Patient Centered Care ..................................................................... 8 hours
- NUR 2031 Pharmacology for Nursing III ........................................................................ 1 hour
- NUR 2048 Nursing Role Integration ................................................................................. 8 hours
- NUR 2051 NCLEX Preparation ......................................................................................... 1 hour

** Graduation requirement
# General education requirement
+ Must satisfy course prerequisites if minimum ACT scores not met
~ Completed within 5 years prior to ASN program entry

NOTE: Science courses with (~) must have been completed within 5 years of admission into the ASN program. Students with science courses 5 years or older will be required to take NUR 3093 Survey of Anatomy & Physiology. Student with science courses 10 years or older will be required to re-take the science courses.

NOTE: Students are required to take nationally normed tests throughout the curriculum and to make satisfactory scores on such tests. During the fourth semester of nursing courses, students may be required to take a comprehensive exit exam. If satisfactory scores are not achieved on these tests, repeat testing and remediation may be required.

NOTE: Students with college degrees that satisfy the university’s general education requirements must still complete the following general education requirements if they were not part of the previous college degree: CHE 1004 Principles of Chemistry and CIS 1103 Computer & Information Management.

NOTE: Students pursuing an ASN degree are not required to complete UNI 1111 and UNI 1121.

NOTE: Students entering the ASN program will automatically be enrolled in NUR 1010 New Student Orientation. This is a no cost/no credit course designed to familiarize the student with the program and learning management system.

NOTE: Students that are not successful in core nursing courses may be allowed to repeat the course the following semester. For those students needing to repeat a nursing course, a course has been designed to assist those students in the development of skills and strategies necessary for success in the nursing courses. This course will be taken concurrently with the repeat 16 week nursing course. (NUR 0011 Student Success Academy)
NOTE: Students that are not successful in any of the 3 Pharmacology courses (NUR 1011, 1021, or 2031), but are successful in the co-requisite nursing courses, will be allowed to retake the Pharmacology course one time over the following Winterfest semester or Summer semester. Successful completion will allow the student to progress in the program the following semester. The Pharmacology courses may not be taken concurrently.

### Students Applying to the ASN Program

1. The student must be admitted to Southwest Baptist University (SBU). Admission to the University does not guarantee admission into the ASN program. A separate application process to the ASN program is required.
2. Provide copies of:
   a. Driver’s license
   b. CPR card (if certified as BLS by the American Heart Association),
   c. Official transcripts of all college and nursing courses
   d. LPNs desiring Advanced Placement
      - Missouri LPN License in good standing
      - IV certification
   e. Paramedic Students desiring Advanced Placement
      - Missouri Paramedic License

### All Applicants must comply with the following:

1. Prerequisites must be completed
   a. College Chemistry (4 credit hours),
   b. Anatomy and Physiology (8 credit hours total), and
   c. Microbiology (3 credit hours)
   (Microbiology and anatomy and physiology courses must be completed within 5 years prior to admission into the ASN program – see above).
2. Based on transcript and ACT score evaluation, these foundational courses may be required:
   a. MAT 0123 Intermediate Algebra
   b. BIO 1004 Principles of Biology
3. Prior college credit:
   a. Minimum of C in all courses required for the ASN program
   b. Minimum of 2.7 cumulative GPA or 2.7 cumulative program GPA.
   c. Minimum of 2.7 cumulative GPA in all science courses required for the ASN program.
   d. If repeating any course required for the ASN program, course must be completed with a grade of C or better before applying to the ASN program.
   e. Each prerequisite science course may only be attempted two times, including withdrawals.
4. When applicants meet the minimum qualifications, admission decisions will then be based on such factors as GPA, and interactions with faculty and staff. An interview and/or admissions testing may be required.
5. Admission is contingent upon an acceptable background check and drug screen.
6. Admission is based on space availability. Application deadlines for consideration in:
   a. August (Fall Semester) – February 1 of that same year
   b. January (Spring semester) – July 1 of previous year
7. Special consideration will be given to qualified applicants who have submitted previous or early applications.

Students admitted on a conditional acceptance status
1. Full admission is contingent upon fulfilling requirements necessary to meet the admission criteria.
2. Upon verification of meeting the specified criteria, the applicant will be notified of their full admission or changes in admission status if they have not met the necessary requirements.

ASN Program Student Learning Outcomes
Upon completion of the ASN Program to continue the healing ministry of Christ, the graduate nurse will:
1. Provide compassionate, Patient-Centered Care in full partnership with the patient recognizing the patient's preferences, values, culture, and needs.
2. Maintain a Safe environment using clinical judgement in all health care settings.
3. Utilizes Spirit of Inquiry to identify current evidence when providing safe, quality care to patients across the lifespan.
4. Demonstrates Teamwork and Collaboration by effectively partnering with nursing and inter-professional teams, fostering open communication, mutual respect, and shared decision making to achieve quality patient care.
5. Exemplify Servant Leadership by facilitating the health, well-being, and growth of those served through personal integrity, shared values, and service.

Bachelor of Science in Nursing (RN-BSN)
(Accredited by Accreditation Commission for Education in Nursing)

The College of Nursing and Health Sciences offers a Registered Nurse Degree Completion Program and concurrently enrolled program for ASN students (Junior-Senior level) leading to the Bachelor of Science in Nursing (BSN). The R.N.-to-B.S.N. program is a web-based, program. Degree candidates must be registered nurse graduates to be formally accepted into the Mercy College of Nursing & Health Sciences associate degree program or a graduate of diploma program. All degree candidates are required to complete general education requirements (except for UNI 1111 and UNI 1121) as well as the major requirements listed below. Note: An associate degree in a professional program (such as A.A.S.N. or A.S.N.) does not satisfy the general education requirements.

RN-BSN Requirements (128 hours)
Students completing the RN-BSN Completion Program must meet all general education (except for UNI 1111 and UNI 1121) and graduation requirements of the University.

It is preferred that all general education and graduation requirements (except the Spiritual Formation and Cultural Studies courses, which are offered in the RN-BSN program) be successfully completed before enrolling in the RN-BSN NUR courses.

General Education ........................................................................................................42 hours
Graduation Requirements ..............................................................................................10 hours
Nursing Program Requirements (17 hours) – usually met in ASN program
   BIO 2204  Anatomy and Physiology I* ..........................................................4 hours
   BIO 2213  Microbiology .................................................................................3 hours
   BIO/ KIN 2243 Nutrition ................................................................................3 hours
   BIO 3304  Anatomy and Physiology II ..........................................................4 hours
   PSY 3063  Human Growth and Development ..................................................3 hours
RN-BSN Program Requirements (7 hours)
   BIO 4404  Pathophysiology@ ........................................................................4 hours
   BEH 3243  Elementary Statistics ....................................................................3 hours
RN-BSN Major Requirements (34 hours)

- NUR 3203 Transition to the BSN Role .......................................................... 3 hours
- NUR 3453 Spirituality in Health Care ** .......................................................... 3 hours
- NUR 3373 Professional Nursing Practice ..................................................... 3 hours
- NUR 3383 Gerontological Nursing ............................................................... 3 hours
- NUR 4013 Health Care in Culturally Diverse Populations # ....................... 3 hours
- NUR 3563 Health Care Informatics .............................................................. 3 hours
- NUR 4434 Administration and Leadership + ............................................... 4 hours
- NUR 4333 Research and Evidence Based Practice ...................................... 3 hours
- NUR 3303 Health Assessment~ ................................................................. 3 hours
- NUR 4404 Community Health~ ................................................................. 4 hours
- NUR 4442 Capstone~ .................................................................................. 2 hours

* Biology courses will satisfy the general education life science requirement for this degree.
@ Course may not be transferred in from another institution
+ Course can be reviewed and considered for waiver for ‘life experience.’
# Approved general education alternative course
** Approved alternative for SPF 2012
~ Unencumbered RN license required course

Lower Division Nursing (30 credit hours)

Thirty hours of lower division credit will be awarded toward the major requirements for students from an accredited Associate of Science in Nursing, Associate of Applied Science in Nursing, or diploma program. These hours will only be credited toward the RN-BSN degree. Students from diploma programs will be considered for admission.

Admission Policy, RN-BSN

In addition to admission to the University, applicants must complete the following for acceptance into the RN-BSN degree program.

- Apply to SBU.
- Minimum cumulative GPA of 2.5. Students with a GPA less than 2.5 will be considered for conditional admittance into the RN-BSN program at the discretion of the RN-BSN Program Chair.
- Applicants who have attended SBU in the past but have a break of one year or longer in enrollment must reapply to SBU.
- Admission conference with a member of the RN-BSN faculty (may be done by distance communication)
- Records and/or requirements must be submitted:
  - Current RN license in state of residence/employment. Education regulations of the National Council of State Authorization for Distance Education may prohibit acceptance of applicants from certain states. See [www.nc-sara.org](http://www.nc-sara.org) for further details regarding states that are impacted.
  - Current American Heart Association CPR certification
  - Photo ID/drive’s license
- Students accepted into the RN-BSN program are required to submit the following within the designated time limits (full admission into the program is contingent upon negative drug screen & acceptable background check):
  - Background screening
  - Drug screening
  - Immunization record (Tdap, TB, Varicella, MMR, annual influenza, Hepatitis B series)

Malpractice insurance is provided to all students upon admission to the RN-BSN program, to protect the student and the University when the student is serving in a nursing capacity for any school-related project or fulfilling required practice experience hours.

All admissions are provisional until the required information is received. Admission criteria subject to change.

Unlicensed new graduates must provide an anticipated date for taking NCLEX-RN. Following successful completion of the NCLEX-RN examination, licensure must be verified.
Admission Policy, Concurrently Enrolled Students

- ASN students may take designated RN-BSN courses during the ASN program. Students may take up to six credit hours per semester. Greater than six credit hours must be approved by the RN-BSN Program Chair or Dean.
- The RN-BSN courses that have been designated for concurrent enrollment in the ASN program are:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>NUR 3003</td>
<td>Legal and Ethical Issues for Health Professionals</td>
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<tr>
<td>NUR 3013</td>
<td>Organization and Delivery of Health Care</td>
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<td>NUR 3023</td>
<td>Faith Community Nursing</td>
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<td>NUR 3033</td>
<td>Care at the End of Life</td>
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<td>NUR 3043</td>
<td>Missionary Nursing</td>
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<td>NUR 3053</td>
<td>Diabetes Across the Lifespan</td>
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<td>NUR 3063</td>
<td>Emergency Preparedness</td>
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<td>NUR 3073</td>
<td>Patient Education &amp; Health Promotion</td>
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<tr>
<td>NUR 3083</td>
<td>Clinical Genetics</td>
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<tr>
<td>NUR 3093</td>
<td>Survey of Human Anatomy and Physiology for Nursing and Health Sciences</td>
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<td>NUR 3103</td>
<td>Basics of AFA Writing in Health Care</td>
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<td>NUR 3203</td>
<td>Transition to the BSN Role</td>
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<td>NUR 3363</td>
<td>Pharmacological and Complementary Therapies</td>
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<tr>
<td>NUR 3373</td>
<td>Professional Nursing Practice</td>
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<td>NUR 3383</td>
<td>Gerontological Nursing</td>
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<td>NUR 3453</td>
<td>Spirituality in Health Care</td>
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<td>NUR 3563</td>
<td>Health Care Informatics</td>
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<td>NUR 4013</td>
<td>Health Care in Culturally Diverse Populations</td>
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<tr>
<td>NUR 4023</td>
<td>Health Care Finance</td>
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<tr>
<td>NUR 4333</td>
<td>Research and Evidence Based Practice</td>
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<tr>
<td>NUR 4423</td>
<td>Clinical Case Management</td>
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<tr>
<td>NUR 4434</td>
<td>Administration and Leadership</td>
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<tr>
<td>NUR 445(1-3)</td>
<td>Special Topics in Nursing</td>
</tr>
<tr>
<td>NUR 499(1-3)</td>
<td>Independent Studies</td>
</tr>
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Dual Enrolled Students
RN-BSN students maintaining a GPA of 3.0 or greater in their final year of the RN-BSN program are eligible to dual enroll in six (6) upper level MSN NUR hours. These hours will count for undergraduate RN-BSN and MSN graduation requirements. Dual enrollment gives students the option to start their graduate nursing degree early.

Practice Experience Requirements
Courses including practice experiences, may require additional documents by agencies or course faculty. Failure to provide requested documentation will result in the student not being allowed to participate in the course.

RN-BSN Completion Program End of Program Student Learning Outcomes
Upon completion of the baccalaureate of nursing program, the graduate will:

1. Integrate knowledge obtained from a Christ centered liberal arts curriculum to guide nursing practice, professional development, and lifelong learning (Spirituality & Professional Foundation)
2. Apply leadership principles to coordinate patient care and collaborate with interdisciplinary teams. (Teamwork & Collaboration)
3. Employ practices to ensure patient safety and improve outcomes of care. (Safety).
4. Utilize information management systems to document care, support nursing practice, and guide decision making. (Information Management)
5. Incorporate current evidence, clinical expertise, and patient preferences in health care practice. (EBP)
6. Apply principles of quality improvement to monitor outcomes of care and minimize risk of harm to patients and providers. (Quality Improvement)
7. Demonstrate professionalism in nursing and explore the regulatory and financial drivers of the healthcare system. (Professionalism)
8. Provide continuous individualized patient-centered care across the lifespan in a variety of settings. (Patient Centered Care)
DON AND CARRIE BABBB DEPARTMENT OF NURSING – BOLIVAR

Bachelor of Science in Nursing
(Accredited by Accreditation Commission for Education in Nursing)
(Initial Approval granted by the Missouri State Board of Nursing)

Southwest Baptist University (SBU) offers a traditional 4-year nursing program for a Bachelor of Science in Nursing degree (BSN). Graduates of the program meet the requirements to sit for the National licensure examination (NCLEX-RN) for registered professional nurses (RN). Graduation from this program does not guarantee licensure as an RN. The pre-licensure BSN program is offered at the SBU-Bolivar Campus. A graduate of the pre-licensure BSN program enters the health care environment as a nurse generalist, prepared to practice in settings where policies and procedures are established and guidance is available. Graduates will have experience caring for individual patients across the lifespan, within the context of their families and communities, in settings across the health care continuum.

Requirements:
1. Meet admission requirements of SBU and be enrolled at SBU
2. Complete the following prerequisite courses with a 2.7 cumulative science GPA
   - BIO 1004 General Biology
   - BIO 2204 Anatomy and Physiology I
   - BIO 2213 Introduction to Microbiology
   - BIO 3304 Anatomy and Physiology II
   - CHE 1004 Chemistry for Allied Health
3. Have a cumulative GPA of 2.7

Pre-licensure BSN Degree Requirements (128 hours including general education requirements and prerequisites)
Students completing the Pre-licensure BSN program must also meet all general education and graduation requirements of the university. Complete at least 128 approved hours, of which 40 hours must be in upper division (3000-4000 level) course work (or its equivalent for the B.A.S. degree)

General Education Requirements........................................................................................................ 42 hours
  Communication................................................................................................................................. 9 hours
  Humanities........................................................................................................................................ 3 hours
  Cultural Studies................................................................................................................................. 2 hours
  Social Studies.................................................................................................................................... 12 hours
  Technical Studies............................................................................................................................ 14 hours
  University Studies............................................................................................................................. 2 hours

Graduation Requirements.................................................................................................................. 10 hours
  BIB 1013  Old Testament.................................................................................................................. 3 hours
  BIO 1023  New Testament................................................................................................................ 3 hours
  KIN 1162  Foundation of Physical Fitness and Wellness ................................................................. 2 hours
  SPF 2012  Introduction to Spiritual Formation.................................................................................. 2 hours

Pre-licensure BSN Prerequisites-must be met with a minimum of a C in all Courses
  BIO 1004  Principles of Biology#.................................................................................................. 4 hours
  BIO 2204  Human Anatomy and Physiology I~ ............................................................................. 4 hours
  BIO 3304  Human Anatomy and Physiology II~ ............................................................................ 4 hours
  CHE 1004  Chemistry for Allied Health#......................................................................................... 4 hours
  BIO 2213  Introduction to Microbiology~ ....................................................................................... 3 hours
  CIS 1103  Computer and Information Management#.................................................................... 3 hours
  BIO 2243  Nutrition .......................................................................................................................... 3 hours
  PSY 1013  General Psychology#....................................................................................................... 3 hours

Pre-licensure BSN Major Requirements - must be met with a minimum of a C in all Courses
  NRS 3104  Fundamentals of Nursing Practice.................................................................................. 4 hours
  NRS 3113  Fundamentals of Nursing Practice Clinical ..................................................................... 3 hours
NRS 3453  Spirituality in Health Care**  ................................................................. 3 hours
NRS 3204  Medical Surgical I-Adult and Elderly Care .................................................... 4 hours
NRS 3213  Medical Surgical I-Adult and Elderly Care Clinical ........................................... 3 hours
NRS 3233  Pharmacology for Nursing Practice .............................................................. 3 hours
NRS 3304  Medical Surgical II-Complex Adult and Elderly Care ........................................ 4 hours
NRS 3313  Medical Surgical II-Complex Adult and Elderly Care Clinical ......................... 3 hours
NRS 3563  Health Care Informatics ................................................................. 3 hours
NRS 4013  Health Care in Culturally Diverse Populations+ .......................................... 3 hours
NRS 4102  Maternal Child and Family Health ............................................................. 2 hours
NRS 4112  Maternal Child and Family Health Clinical ................................................... 2 hours
NRS 4404  Community Health .............................................................................. 4 hours
NRS 4333  Research and Evidence Based Practice ......................................................... 3 hours
NRS 4403  Advanced Health Assessment and Critical Care ......................................... 3 hours
NRS 4434  Administration and Leadership .................................................................. 4 hours
NRS 4544  Transition to Nursing Practice Preceptorship ............................................ 4 hours
NRS 4501  NCLEX Review .................................................................................... 1 hour

Pre-licensure BSN Program Requirements-must be met with a minimum of a C in all Courses
BEH 3243  Elementary Statistics ............................................................................ 3 hours
BIO 4404  Pathophysiology@ .................................................................................. 4 hours
PSY 3063  Human Growth and Development .......................................................... 3 hours

Students transferring into the pre-licensure BSN program from other accredited colleges or universities must complete all prerequisites, general education courses, and graduation requirements listed above. Transfer students are subject to admission testing and admission selection criteria.

~ Completed within 5 years prior to pre-licensure BSN program entry
@ Course may not be transferred in from another institution
+ Approved general education alternative course
# General Education Course

NOTE:  Science courses with (~) must have been completed within 5 years of admission into the pre-licensure BSN program. Students with science courses 5 years or older will be required to take NUR 3093 Survey of Anatomy & Physiology. Students with science courses 10 years or older will be required to re-take the science courses.

NOTE:  Students are required to take nationally normed tests throughout the curriculum and to make satisfactory scores on such tests. If satisfactory scores are not achieved on these tests, repeat testing and remediation may be required.

NOTE:  Students entering the pre-licensure BSN program will automatically be enrolled in NRS 3010 New Student Orientation. This is a no cost/no credit course designed to familiarize the student with the program and learning management system.

Students Applying to the Pre-licensure BSN program
1.  The student must be admitted to Southwest Baptist University (SBU).  Admission to the University does not guarantee admission into the BSN program.  A separate application process to the BSN program is required to be considered for admission.
2.  Provide copies of:
   a.  Driver’s license/Photo ID
   b.  Official transcripts of all college or universities other than SBU
3.  Students accepted into the BSN program are required to submit the following within the designated time limits (full admission into the program is contingent upon negative drug screen & acceptable background check):
   a.  Background screening
   b.  Drug screening
   c.  Immunization record (Tdap, Varicella, MMR, annual influenza, Hepatitis B series)
4. For full acceptance into the BSN program, prerequisite courses must be completed. Students may be conditionally admitted if they are within one semester of completing required science courses. All applications will go through the selection process for admission.

5. BIO 2204, BIO 3304, and BIO 2213 must have been completed within 5 years of admission into the pre-licensure BSN program (see above).

6. Based on transcript and ACT score evaluation, MAT 0123 Intermediate Algebra may be required.

7. Prior college credit:
   a. Minimum of C in all courses required for the pre-licensure BSN program
   b. Minimum of 2.7 cumulative GPA or 2.7 cumulative GPA for all program requirements.
   c. Minimum of 2.7 cumulative GPA in all science courses required for the pre-licensure BSN program
   d. If repeating any general education or program required course required for the pre-licensure BSN program, the course must be completed with a grade of C or better before applying to the pre-licensure BSN program.
   e. Biology, Chemistry, Microbiology, Anatomy & Physiology I, or Anatomy & Physiology II courses may not be repeated more than once each, including withdrawals, to be eligible for the BSN program.

8. All applicants to the pre-licensure BSN program are required to take a standardized admission test; test results may be used in the selection process.

9. Admission is contingent upon an acceptable background check and drug screen.

10. Acceptance into the BSN nursing program is based on satisfactory completion of the admission criteria and space availability. When applicants meet minimum qualifications, an admission selection criteria worksheet may be used if qualified applicants exceed space availability. The applicants with the top scores will be offered first choice for the seats in the cohort.

11. The application deadline for consideration in January (spring semester) is July 1 of the previous year.
   a. Science GPA of 2.7 and a Cumulative GPA of 2.7 with all prerequisite coursework completed qualifies the applicant for full admission to the BSN program.
   b. A selection scoring sheet will be used to rank the students for admission based upon science GPA, standardized exam score, completion of other nursing program courses, and cumulative GPA.
   c. All applications will be considered at the same time following the application deadline. Exceptions to the deadline must be reviewed with the BSN Chair and APR committee and must complete the selection process for consideration for admission.
   d. When the qualified applicant pool exceeds the maximum amount of seats available in the program, admission into the BSN program will be offered to the highest-ranking candidates in the applicant pool.
   e. Applicants with incomplete prerequisites or requirements may be admitted conditionally upon the review and approval of the Admission, Progression and Retention (APR Committee).
   f. The selection of each cohort will be reviewed by the Admission, Progression and Retention (APR Committee).
   g. Accepted applicants will be required to make a $200, non-refundable deposit to hold a seat in the cohort.

Students admitted on a conditional acceptance status
1. Full admission is contingent upon fulfilling requirements necessary to meet the admission criteria.
2. Upon verification of meeting the specified criteria, the applicant will be notified of their full admission or changes in admission status if they have not met the necessary requirements.

Admission Criteria Subject to Change.

BSN Completion Program Educational Outcomes/Competencies
Upon completion of the baccalaureate of nursing program, the graduate will:
1. Integrate knowledge obtained from a Christ centered liberal arts curriculum to guide nursing practice, professional development, and lifelong learning. (Spirituality & Professional Foundation)
2. Apply leadership principles to coordinate patient care and collaborate with interdisciplinary teams. (Teamwork & Collaboration)
3. Employ practices to ensure patient safety and improve outcomes of care. (Safety).
4. Utilize **information management** systems to document care, support nursing practice, and guide decision making. (Information Management)
5. Incorporate **current evidence**, clinical expertise, and patient preferences in health care practice. (EBP)
6. Apply principles of **quality improvement** to monitor outcomes of care and minimize risk of harm to patients and providers. (Quality Improvement)
7. Demonstrate **professionalism** in nursing and explore the regulatory and financial drivers of the healthcare system. (Professionalism)
8. Provide continuous individualized **patient-centered care** across the lifespan in a variety of settings. (Patient Centered Care)

**Graduation Policy, BSN**
All candidates must meet the graduation requirements of the University. Students must earn a "C" or better in all nursing prerequisites, program requirement and major courses. For graduation, students must have an overall 2.00 GPA. Participation in outcome assessment activities including standardized testing is a graduation requirement.

**DEPARTMENT OF HEALTH SCIENCES**

**Degrees in the Health Sciences**

**Emergency Medical Technology-Basic**

**Associate of Applied Science Degree (67 hours)**

Those having already completed emergency medical training will be admitted to the Associate of Applied Science program on the basis of a current state-issued emergency medical license. The Associate of Applied Science degree in Emergency Medical Technology is offered in conjunction with Southwest Missouri Emergency Medical Services and Missouri Paramedical Program through Mercy Regional Health Center. Credit is granted for EMT courses upon completion of Southwest Baptist University requirements.

- General Education ........................................................................................................................................... 21 hours
- Graduation Requirements ................................................................................................................................. 10 hours
- Emergency Medical Courses .......................................................................................................................... (36 hours)
- Emergency Medical Training Basic .................................................................................................................. 9 hours
- Liberal Arts Core* ............................................................................................................................................ 27 hours

* At least 18 hours of these must be taken from one of the following three fields: humanities, social science or science/mathematics.

**Emergency Medical Technology-Paramedical**

**Associate of Applied Science Degree (76 hours)**

Paramedics are highly trained medical professionals who respond to emergency calls. They are responsible for providing medical treatment to patients on-the-scene and during transport to a hospital or medical facility. The program consists of classroom lectures and completion of clinical and field internships. Completion of the Emergency Medical-Paramedical Core Courses allows the student to sit for the paramedic certifying exam through the National Registry of E.M.T.s and licensing through the Missouri Department of the Bureau of Emergency Medical Services.

**Admission requirements, A.A.S. in Emergency Medical Technology – Paramedical**

1. High school diploma, GED, Emergency Medical Technician
2. No felony convictions (criminal background check through the Missouri State Highway Patrol)
3. Hepatitis B vaccination and current TB test prior to start of clinical
4. Students will complete applicable worksite training required by the clinical sites.
5. Students will sign and abide by confidentiality statement and receive HIPAA training prior to the start of clinical.

**Prerequisite:** EMT-B licensure and admission to the program requires sponsorship by an approved ALS Agency.

Those having already completed paramedical training* will be admitted to the Associate of Applied Science program on the basis of a current state-issued paramedical license. The Associate of Applied Science degree in Emergency Medical
Technology-Paramedical is offered in conjunction with Southwest Missouri Emergency Medical Services and Missouri Paramedical Program through Mercy Regional Health Center. Credit is granted for EMT courses upon completion of Southwest Baptist University requirements. Contact the Springfield Campus for details.

**Emergency Medical Technology – Paramedical Requirements (76 hours)**

- General Education: 21 hours
- Graduation Requirements: 10 hours
- Emergency Medical-Paramedical Core Courses: 45 hours

*Note: Paramedical training is the prerequisite to this degree program.

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**Health Sciences**

**Associate of Applied Science Degree (64-101 hours)**

Various healthcare fields require the successful completion of coursework for a certificate program followed by successfully passing a national certification of examination. Those who complete both of these requirements are often required to complete a degree program in order to be employable.

**Admission Requirements, A.A.S. in Health Sciences**

Applicants need the following: a high school diploma or G.E.D., and a certificate of completion for a health field such as radiologic technology, respiratory therapy, and surgical technology.

In addition to admission to the University, all health sciences degree-seeking students must formally apply for admission to the College of Nursing and Health Sciences undergraduate Associate of Science in Health Sciences degree program. Applicants must complete SBU admission requirements for the program and provide a copy of current professional license or certificate, if applicable, and official transcripts of all college courses. An admission conference with a member of the Health Sciences faculty is required. Admission criteria is subject to change.

Prerequisite: Completion of a certificate program in a healthcare related field from an approved institution. Those having already completed a certificate program in an approved healthcare field will be admitted to the Associate of Applied Science program on the basis of a current state-issued license.

**A.A.S. in Health Sciences Requirements (64 hours)**

- General Education: 21 hours
- Graduation Requirements: 10 hours
- Courses for certification in an approved healthcare field: 35-70 hours

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**Health Sciences**

**Associate of Science in Health Sciences Degree (69-70 hours)**

The College of Nursing and Health Sciences offers courses leading to the Associate of Science in Health Sciences. The program is web-based with a number of online courses. All degree candidates are required to complete general education requirements as well as the major requirements listed below with the exception of UNI 1111 and UNI 1121.

**A.S. in Health Sciences Requirements**

- General Education: 42 hours
- Graduation Requirements: 10-11 hours
- Program Requirements: 17 hours

  + BIO 2204  Anatomy and Physiology I ........ 4 hours
  + BIO 2213  Microbiology ......................... 3 hours
  + BIO/KIN 2243 Nutrition .......................... 3 hours
  + BIO 3304  Anatomy and Physiology II ........ 4 hours
  + HSC 1013  Medical Terminology ............... 3 hours

*Satisfies the general education life science requirement for this degree.*
Health Science Electives
Credit will be awarded toward the major requirements for students from an accredited professional program. Transfer credits will be given for applicable coursework from such fields as radiology, dental hygiene, pharmacy technology, surgical technology, physical therapy, occupational therapy, emergency medical technology, among others. Transcripts will be evaluated on an individual basis for transfer credit. Previous Health Degree or Certificate

Admission Policy, A.S. in Health Sciences
In addition to admission to the University, all health sciences degree-seeking students must formally apply for admission to the College of Nursing and Health Sciences undergraduate Associate of Science in Health Sciences degree program. Applicants must complete SBU admissions requirements for the program and provide a copy of current professional license or certificate, if applicable, and official transcripts of all college courses. Admission conference with a member of the Health Sciences faculty is required Admission criteria is subject to change.

Health Sciences
Bachelor of Science in Health Sciences Degree (128-142 hours)

The College of Nursing and Health Sciences offers a Bachelor of Science in Health Sciences. The Bachelor of Science in Health Sciences (BSHS) is a degree-completion program for allied health professionals already in an established career or for a student interested in pursuing a degree in health care. The BSHS degree is also a concurrent enrollment program for ASR students (Junior-Senior) level.

Many of the courses in the major are web-based. All degree candidates are preferred to complete general education requirements before beginning the major requirements as well as the major requirements listed below. All required major courses (HSC) will require a “C” or above to continue in the Health Sciences Bachelor of Science degree program. Students completing the BSHS degree must meet all general education (except for UNI 1111 and UNI 1121) and graduation requirements of the University.

| General Education | ................................................................. | 42 hours |
| Graduation Requirements | ................................................................. | 10 hours |
| Program Requirements | ................................................................. | 11 hours |
| BIO 2204* | Anatomy and Physiology I | ................................................................. | 4 hours |
| BIO 3304 | Anatomy and Physiology II | ................................................................. | 4 hours |
| HSC 1013 | Medical Terminology | ................................................................. | 3 hours |
| * This course will satisfy the general education life science requirement for this degree. |

Previous Health Degree or Certificate ...........................................................................30-42 hours lower level hours

*An additional 29-30 hours of lower level courses may be needed if no prior health certificate

Health Sciences Major ........................................................................................................24 hours

| HSC 3013 | Organization and Delivery of Health Care | ................................................................. | 3 hours |
| HSC 3453** | Spirituality in Health Care | ................................................................. | 3 hours |
| HSC 3563 | Health Care Informatics | ................................................................. | 3 hours |
| HSC 3103 | Basics of APA Writing in Health Care | ................................................................. | 3 hours |
| HSC 3373 | Professional Health Care Practice | ................................................................. | 3 hours |
| HSC 4013# | Health Care in Culturally Diverse Populations | ................................................................. | 3 hours |
| HSC 4333 | Research and Evidence Based Practice | ................................................................. | 3 hours |
| HSC 4453 | Capstone | ................................................................. | 3 hours |
| # Approved general education alternative course |
| ** Approved alternative for SPF 2012 |

Student will be required to select one of the following tracks to fulfill upper level requirements. CT, MR, and IR tracks require ARRT certification as a prerequisite to the program.

Leadership & Administration Track- 13 hours

| HSC 3003 | Legal and Ethical Issues for Health Professionals | 3 hours |
| HSC 4023 | Health Care Finance | 3 hours |
| HSC 4343 | Human Resources for Health Care Professionals | 3 hours |
HSC 4434  Administration and Leadership  or  
HSC 4444  Leadership and Management for Health Care Professionals  4 hours

**Computed Tomography (CT) Track- 12 hours**

HSC 3204  Computed Tomography Imaging  4 hours
HSC 3214  Computed Tomography Physics and Instrumentation  4 hours
HSC 4224  Computed Tomography Clinical Education  4 hours

**Magnetic Resonance Imaging (MR) Track- 12 hours**

HSC 3324  Magnetic Resonance Imaging Physics  4 hours
HSC 3334  Magnetic Resonance Imaging  4 hours
HSC 4234  Magnetic Resonance Imaging Clinical Education  4 hours

**Interventional Procedures (IR) Track- 12 hours**

HSC 3464  Interventional Procedures Physics and Instrumentation  4 hours
HSC 3474  Interventional Procedures Imaging  4 hours
HSC 4244  Interventional Procedures Clinical Education  4 hours

**Transfer of Credit Hours**

Credit will be awarded toward the major requirements for students from an accredited professional program. These hours will only be credited toward the Bachelor of Science in Health Sciences degree. Transfer credits will be given for applicable coursework after transcript evaluation from such fields as radiology, dental hygiene, pharmacy technology, surgical technology, physical therapy, occupational therapy, among others.

**Previous Health Degree or Certificate.................................................................30-42 lower level hours**

**Previous Advanced Imaging Specialty Certification............................................12 upper level hours**

Completion of advanced specialty imaging certification from an approved certifying body will result in a maximum of 12 upper hour division credit. The evidence of certification in advanced imaging will be evaluated by the Health Sciences chair who will notify the Registrar when the “credit for previous advanced specialty certification” should be applied. No more than 12 hours will be awarded. For example, if a student is certified in MRI and CT they will only receive credits for one of the advanced imaging certifications.

**Admission Policy, B.S. in Health Sciences**

In addition to admission to the University, all health sciences degree-seeking students must formally apply for admission to the College of Nursing and Health Sciences undergraduate Bachelor of Science in Health Sciences degree program. Applicants must complete SBU admission requirements for the program and provide a copy of current professional license or certificate, if applicable, and official transcripts of all college courses. Admission conference with a member of the Health Sciences faculty is required.

Verification of liability (malpractice) insurance and current BLS Healthcare provider card are needed prior to enrollment in the first clinical course in the BSHS program, to protect the student and the University when the student is serving in a health care capacity for any school-related project or fulfilling required clinical hours.

**Students Applying to the BSHS Program**

1. Complete an application packet for the BSHS program. Applicants who have attended SBU in the past but have a break of one year or longer in enrollment must reapply to SBU.
2. Provide copies of current professional license certification (if applicable), driver’s license, and CPR card, along with official transcripts of all college courses.
3. New graduates of radiologic technology programs must provide an anticipated date for taking ARRT certification. Following successful completion of the ARRT examination, a copy of the certificate must be provided.
4. Admission criteria are subject to change.

**Concurrently Enrolled Students**

ASR students may take designated BSHS courses during the ASR program. Students may take up to six credit hours per semester. Greater than six credit hours must be approved by the Health Sciences Program Chair or Dean. The BSHS courses that have been designated for concurrent enrollment in the ASR program are:
### Functional Abilities Necessary for Participation in the BSHS Program

Applicants must demonstrate physical, emotional and mental well-being which will permit them to successfully perform the essential task of imaging professionals. The essential tasks include, but are not limited to:

1. Having sufficient strength, motor coordination, and manual dexterity to:
   a. Move, manipulate, and adjust a variety imaging equipment and accessory equipment.
   b. Lift, move, and transport patients from wheel chairs or carts to the x-ray table or the patient's bed. Assist weak ambulatory patients to the restroom, dressing room, or exam room.
   c. Communicate effectively with patients and their families in all aspects of their care. Communicate effectively, verbally and in writing, with physicians, staff members, and instructors.

2. Being capable of:
   a. Standing and walking a majority of the time during assigned hours.
   b. Giving physical and emotional support to the patient during imaging procedures. Recognizing emergency situations and providing emergency care until the physician arrives.
   c. Adapting to stressful situations related to technical and procedural standards and patient care situations.

3. Having mental, visual, or intellectual capacity to:
   a. Evaluate and critique images to identify proper patient identification, positioning, exposure factors, and technical quality.

4. Select, calculate, and manipulate exposure factors adapting to the requirements of the procedure and patient's needs with sufficient speed and accuracy.

### BSHS Program Educational Outcomes/Competencies

1. Communicate effectively in writing on a variety of topics related to health care.
2. Demonstrate an awareness and appreciation of the delivery of culturally competent health care.
3. Effectively communicate and acknowledge the impact of the legal, ethical, and political environment on health care policy and delivery.
4. Demonstrate the knowledge and ability to search and retrieve information and materials related to individual clinical practice issues or overall health policy concerns.
5. Describe and demonstrate management / leadership skills and theories that can be applied in preparation to lead or manage effectively in a health care environment.
6. Integrate Christian discipleship to direct, inform and guide the provision of health care services in leadership roles and in one’s own discipline.

### Computed Tomography (CT) Outcomes

1. Demonstrate a mastery of basic radiographic medical-imaging skills and advanced medical-imaging skills in CT.
2. Demonstrate effective communication skills that provide compassionate and age-appropriate patient care.
3. Demonstrate problem-solving/critical thinking skills that provide ethical and safe patient care.
4. Demonstrate the value of professional development for patient care and medical imaging through lifelong learning that meets the needs of the medical-imaging community.

### Magnetic Resonance Imaging (MR) Outcomes

1. Demonstrate a mastery of basic radiographic medical-imaging skills and advanced medical-imaging skills in MRI.
2. Demonstrate effective communication skills that provide compassionate and age-appropriate patient care.

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<tr>
<th>Course Code</th>
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<tr>
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<td>HSC 3073</td>
<td>Patient Education &amp; Health Promotion</td>
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<td>HSC 3083</td>
<td>Clinical Genetics</td>
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<tr>
<td>HSC 3093</td>
<td>Survey of Human Anatomy and Physiology for Nursing and Health Sciences</td>
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<tr>
<td>HSC 3103</td>
<td>Basics of APA Writing in Health Care</td>
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</tr>
<tr>
<td>HSC 499(1-3)</td>
<td>Independent Studies</td>
</tr>
</tbody>
</table>
3. Demonstrate problem-solving/critical thinking skills that provide ethical and safe patient care.
4. Demonstrate the value of professional development for patient care and medical imaging through lifelong learning that meets the needs of the medical-imaging community

**Interventional Procedures (IR) Outcomes**
1. Demonstrate a mastery of basic radiographic medical-imaging skills and advanced medical-imaging skills in Interventional Radiography.
2. Demonstrate effective communication skills that provide compassionate and age-appropriate patient care.
3. Demonstrate problem-solving/critical thinking skills that provide ethical and safe patient care.
4. Demonstrate the value of professional development for patient care and medical imaging through lifelong learning that meets the needs of the medical-imaging community

**Leadership Outcomes:**
1. Develop a comprehensive set of practical skills and tools to rely on through leadership practice, to include time management, meeting management and agenda setting, group dynamics and team building.
2. Communicate effectively (utilizing written and spoken word, non-verbal language, electronic tools, and listening skills) in order to develop relationships, manage conflicts, and work across differences.
3. Demonstrate skills to engage in conflict productively and work toward conflict resolution.
4. Students will gain knowledge of diverse cultures, cross-cultural communication, the dynamics of privilege and oppression, and the uses of power between groups

Graduation Policy, A.S. A.A.S. and/or B.S. in Health Sciences
All degree candidates must meet the graduation requirements of the University. For graduation, students must have an overall 2.00 GPA. Participation in outcome assessment activities is a graduation requirement. Failure to do so will result in withholding diploma until these are completed.

**DEPARTMENT OF RADIOGRAPHY**

**Associate of Science in Radiography**

**Mission Statement**
The Associate of Science in Radiography (ASR) Program of Southwest Baptist University pursues excellence in education in a personalized Christian environment by preparing students to be competent, compassionate Radiologic Technologists.

Southwest Baptist University offers a 21 month radiography program leading to the Associate of Science in Radiography (ASR) degree. This program is offered at Mercy College of Nursing and Health Sciences, Springfield, Missouri. Graduates of the ASR program will complete requirements that lead to certification in radiography through the American Registry of Radiologic Technologists (ARRT). **Graduation from this program does not guarantee certification as a Registered Technologist Radiography [RT(R)].** The graduate of the ASR program enters the health care environment as an entry level radiographer. Graduates will have the skills and knowledge necessary in order to competently perform radiographic procedures for patients of all age groups.

**Accreditation**
The Associate of Science in Radiography (ASR) Program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT).

The Joint Review Committee on Education in Radiologic Technology
20 North Wacker Drive, Suite 2850
Chicago, IL 60606-3182
(312) 704-5300
[www.jrcert.org](http://www.jrcert.org)
mail@jrcert.org
ASR Clinical Settings
ASR students obtain their clinical education through Mercy including the following clinical sites: Mercy Hospital Springfield, Mercy Orthopedic Hospital, Mercy Hospital Aurora, Mercy Clinic National (Smith-Glynn-Callaway), Mercy Clinic Montclair Imaging, and Mercy Clinic Nixa. Clinical rotation schedules include days and evenings and are subject to change.

Admission to the ASR Program
1. The student must be admitted to Southwest Baptist University (SBU). Admission to the University does not guarantee admission to the ASR program. A separate application process to the ASR program is required.
2. In addition, to be considered for admission to the ASR program, the following must be met:
   a. College Chemistry (4 credit hours), Anatomy and Physiology (8 credit hours total), English Composition (3 credit hours), Psychology (3 credit hours), College Algebra (3 credit hours), Introductory Computing (3 credit hours).
   b. Based on transcript and ACT score evaluation, these foundational courses may be recommended:
      i. MAT 0123 Intermediate Algebra
      ii. BIO 1004 Principles of Biology
   c. Prior college credit:
      i. Minimum of C in all courses required for the ASR program
   d. Minimum of 2.7 cumulative GPA in all college courses.
   e. Minimum of 2.7 cumulative GPA in all prerequisite courses required for the ASR program.
   f. If repeating any course required for the ASR program, course must be completed with a grade of C or better before applying to the ASR program.
3. Schedule a meeting with an admissions office representative.
4. Meet with an academic advisor for course planning.
5. Complete an ASR program application form. ASR program application deadline is February 1st of the same year. Only one class per year is accepted into the program with the start date in the Fall (August).
6. Students accepted into the ASR program are required to submit the following within the designated time limits: background check, drug screen, and immunization record.
7. Once a candidate has been notified of an offer for submission to the ASR Program, a nonrefundable deposit is required. This deposit will be credited to the first semester’s bill and will secure the candidate’s space in the program.

Admission to the ASR program is selective as a limited number of students are accepted into the program each year. Selection of students will be based on the admission criteria, interactions with faculty and staff, and space available.

Prerequisite courses may be in progress at the time of application but MUST be completed prior to the beginning of the first ASR class. Preference is given to qualified applicants who have completed the prerequisites by the application deadline.

When applicants meet minimum qualifications, admission decisions will be made based on such factors as GPA, grades in prerequisite courses, previous application, and interactions with faculty and staff.

Special consideration will be given to students enrolled at SBU, students who have completed their prerequisite courses at SBU, and qualified applicants who have submitted previous or early applications.

Admission into the ASR program is offered to the highest-ranking candidates in the applicant pool. Once a candidate has been notified of acceptance into the program, a background check and drug screen will be required. A physical exam and verification of required immunizations must also be completed prior to the start of the ASR program.

Students are required to complete the ASR program according to the full time course schedule. General education and graduation requirement courses may be completed before the designated course sequence, but not later. To successfully progress through the ASR program, students must achieve a grade of “C” or better in each course completed during the full time course schedule (RAD prefix and general education courses). Since students progress through the ASR program as a cohort, core program courses (those with a RAD prefix) may not be repeated.
Students desiring to transfer into the ASR program from another accredited radiography program will be considered on an individual basis and must follow the application procedure. In addition, the following will need to be submitted: Radiography program transcript, clinical experience records and evaluations, and a letter from the Program Director.

Admission to the ASR program is contingent upon an acceptable background check, drug screen, and an immunization record. ASR students will be required to attend a Mercy College of Nursing and Health Sciences campus orientation prior to beginning the program and Mercy Hospital orientation prior to the beginning of Clinical I Education. Admission criteria are subject to change.

**Functional Abilities Necessary for Participation in the Radiography Program**
The ASR Program prepares the student for entry level radiographer. Applicants must demonstrate physical, emotional and mental well-being which will permit them to successfully perform the essential tasks of a Radiologic Technologist. The essential tasks of a Radiologic Technologist include, but are not limited to:

1. Having sufficient strength, motor coordination, and manual dexterity to:
   a. Move, manipulate, and adjust a variety of x-ray equipment, including mobile and other accessory equipment, in order to align the patient, x-ray equipment, and image receptor. Carry image receptors from the exam room to the image processor.
   b. Lift, move, and transport patients from wheel chairs or carts to the x-ray table or the patient’s bed. Assist weak ambulatory patients to the restroom, dressing room, or exam room.
   c. Communicate effectively with patients and their families in all aspects of their care. Communicate effectively, verbally and in writing, with physicians, staff members, and instructors.

2. Being capable of:
   a. Standing and walking a majority of the time during assigned hours.
   b. Giving physical and emotional support to the patient during radiographic procedures. Recognizing emergency situations and providing emergency care until the physician arrives.
   c. Adapting to stressful situations related to technical and procedural standards and patient care situations.

3. Having mental, visual, or intellectual capacity to:
   a. Evaluate and critique images to identify proper patient identification, positioning, exposure factors, and technical quality.
   b. Select, calculate, and manipulate exposure factors adapting to the requirements of the procedure and patient’s needs with sufficient speed and accuracy.

**ASR Program Educational Outcomes/Competencies**

1. **Goal:** The program will continuously monitor it effectiveness.
   a. Students will complete the program
   b. Graduates will pass the ARRT national certification exam on the 1st attempt
   c. Graduates will be satisfied with the program
   d. Employers will be satisfied with the graduates
   e. Of those seeking employment, graduates will find employment within 12 months post-graduation

2. **Goal:** Students will apply critical thinking and problem solving skills.
   **Student Learning Outcomes:**
   a. Students will evaluate radiographic images
   b. Students will perform non routine procedures

3. **Goal:** Students will be clinically competent.
   **Student Learning Outcomes:**
   a. Students will apply positioning skills
   b. Students will utilize radiation protection
   c. Students will select proper technical factors

4. **Goal:** Students will communicate effectively.
   **Student Learning Outcomes:**
   a. Students will communicate effectively with patients
   b. Students will demonstrate oral communication skills

5. **Goal:** Students will grow and develop professionally.
   **Student Learning Outcomes:**
   a. Students will demonstrate professional behavior
   b. Students will treat everyone as a valued individual
A.S.R. Degree (82 hours including prerequisites)

Students completing the ASR program must meet these prerequisites with a minimum of a C in all courses:

- ENG 1113 English Composition I # ................................................................. 3 hours
- PSY 1013 General Psychology ................................................................. 3 hours
- MAT 1143 College Algebra ........................................................................... 3 hours
- BIO 2204 Human Anatomy & Physiology I +~ ........................................... 4 hours
- BIO 3304 Human Anatomy & Physiology II ~ ........................................... 4 hours
- CIS 1103 Computer & Information Management # ..................................... 3 hours
- CHE 1004 Chemistry for Allied Health (or General Chemistry or General Physics) ................................................................. 4 hours

Students completing the ASR program must meet the following graduation and program requirements:

- BIB 1013/1213 Old Testament History** ...................................................... 3 hours
- BIB 1023/1223 New Testament History** .................................................... 3 hours
- HSC 1003 Medical Terminology ................................................................. 3 hours
- RAD 1103 Intro to Radiologic Technology ................................................... 3 hours
- RAD 1503 Radiologic Science ........................................................................ 3 hours
- RAD 1803 Radiographic Imaging I .............................................................. 3 hours
- RAD 1812 Radiographic Imaging II ............................................................. 2 hours
- RAD 1902 Radiation Protection & Biology .................................................... 2 hours
- RAD 1305 Radiographic Procedures I .......................................................... 5 hours
- RAD 1604 Radiographic Procedures II ......................................................... 4 hours
- RAD 1612 Radiographic Procedures III ....................................................... 2 hours
- RAD 1911 Advanced Modalities ................................................................ 1 hour
- RAD 1921 Career Development .................................................................. 1 hour
- RAD 1201 Contrast Agents .......................................................................... 1 hour
- RAD 1922 Radiologic Pathology .................................................................. 2 hours
- RAD 1931 Cross-Sectional Anatomy ............................................................ 1 hour
- RAD 1944 Curriculum Review ...................................................................... 1 hour
- RAD 2002 Clinical Education I ................................................................. 2 hours
- RAD 2101 Clinical Education II .................................................................... 1 hour
- RAD 2103 Clinical Education III ................................................................. 3 hours
- RAD 2203 Clinical Education IV ................................................................. 3 hours
- RAD 2213 Clinical Education V ................................................................. 3 hours
- RAD 2223 Clinical Education VI .................................................................. 3 hours

** Graduation requirement
# General education requirement
+ Must satisfy course prerequisites if minimum ACT scores not met
~ Completed within 5 years prior to ASR program entry. Students with Human Anatomy and Physiology courses 5 years or older will be required to take HSC 3093 Survey of Human Anatomy & Physiology as a Prerequisite.

Graduation Policy, Associate Degree in Radiography
All degree candidates must meet the graduation requirements of the University. For graduation, students must have an overall 2.00 GPA. Participation in outcome assessment activities is a graduation requirement. Failure to do so will result in withholding diploma until these are completed.