

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

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, accelerated 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.

General Education42 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

BSN Program Requirements (7 hours)

BIO 4404 Pathophysiology 4 hours
PSY/SOC 3243 Elementary Statistics 3 hours

BSN Major Requirements (34 hours)

NUR 3203 Transition to the BSN Role 3 hours
NUR 3303 Health Assessment 3 hours
NUR 3373 Professional Nursing Practice..... 3 hours
NUR 3383 Gerontological Nursing 3 hours
NUR 3393 Transcultural Nursing # *or*
NUR 4013 Health Care in Culturally Diverse Populations #..... 3 hours
NUR 3453 Spirituality in Health Care ** 3 hours
NUR 3563 Health Care Informatics 3 hours
NUR 4404 Community Health 4 hours
NUR 4434 Administration and Leadership + 4 hours
NUR 4333 Research and Evidence Based Practice 3 hours
NUR 4442 Capstone 2 hours

* Biology courses will satisfy the general education life science requirement for this degree.

+ Course can be reviewed and considered for waiver for ‘life experience.’

Approved general education alternative course

** Approved alternative for SPF 2012

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 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 BSN degree program.

All Applicants Must Comply with the Following:

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

Students Applying to the BSN Program

- Apply to SBU.

- Applicants who have attended SBU in the past but have a break of one year or longer in enrollment must reapply to SBU.
- Provide copies of current RN license, driver’s license, and CPR card, along with official transcripts of all college and nursing courses.
- Unlicensed new graduates must provide an anticipated date for taking NCLEX-RN. Following successful completion of the NCLEX-RN examination, licensure must be verified through the Missouri Department of Professional Registry.
- If licensed in another state, but not in Missouri, provide documentation that the licensure by endorsement process has been started with the Missouri Board of Nursing, as well as the anticipated date of receiving licensure in Missouri.

Concurrently Enrolled Students

- ASN students may take designated 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 BSN courses that have been designated for concurrent enrollment in the ASN program are:

NUR 3003 Legal and Ethical Issues for Health Professionals	NUR 3363 Pharmacological and Complementary Therapies
NUR 3013 Organization and Delivery of Healthcare	NUR 3373 Professional Nursing Practice
NUR 3023 Faith Community Nursing	NUR 3383 Gerontological Nursing
NUR 3033 Care at the End of Life	NUR 3393 Transcultural Nursing
NUR 3043 Missionary Nursing	NUR 3453 Spirituality in Health Care
NUR 3053 Diabetes Across the Lifespan	NUR 3563 Health Care Informatics
NUR 3063 Emergency Preparedness	NUR 4013 Health Care in Culturally Diverse Populations
NUR 3073 Patient Education & Health Promotion	NUR 4023 Healthcare Finance
NUR 3083 Clinical Genetics	NUR 4333 Research and Evidence Based Practice
NUR 3093 Survey of Human Anatomy and Physiology for Nursing and Health Sciences	NUR 4423 Clinical Case Management
NUR 3103 Basics of APA Writing in Healthcare	NUR 4434 Administration and Leadership
NUR 3203 Transition to the BSN Role	NUR 445(1-3) Special Topics in Nursing
NUR 3303 Health Assessment	NUR 499(1-3) Independent Studies

All Applicants Must Comply with the Following:

Admission conference with a member of the BSN faculty (may be done by distance communication)
 These records and/or requirements must be submitted:

- Minimum cumulative GPA of 2.5. Students with a GPA less than 2.5 will be considered for conditional admittance into the program at the discretion of the RN-BSN Program Chair.
- Current RN license in state of residence/employment
- Current American Heart Association CPR certification
- Photo ID/driver’s license

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 service learning hours.

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

Practical 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 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**

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)

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 pre-requisite science courses at Southwest Baptist University.

Requirements:

1. Meet admission requirements of SBU and be enrolled at SBU
2. Complete the following pre-requisite sciences with a 3.0 science cumulative GPA
 - BIO 2204 Anatomy & Physiology I
 - BIO 3304 Anatomy & Physiology II
 - BIO 2213 Microbiology
 - CHM 1104 General Chemistry or 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	Old Testament History**	3 hours
BIB 1023	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 1004	Foundations of Safe Nursing Practice.....	4 hours
NUR 1014	Intro to Nursing Across the Lifespan.....	4 hours
NUR 1011	Pharmacology for Nursing I	1 hour
NUR 1024	Patient Centered Care I.....	4 hours
NUR 1034	Patient Centered Care II.....	4 hours
NUR 1021	Pharmacology for Nursing II.....	1 hour
NUR 2014	Advanced Patient Centered Care I.....	4 hours
NUR 2024	Advanced Patient Centered Care II.....	4 hours
NUR 2031	Pharmacology for Nursing III.....	1 hour
NUR 2014	Complex Patient Centered Care.....	4 hours
NUR 2044	Nursing Role Integration	4 hours
NUR 2051	NCLEX Preparation.....	1 hour

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

NUR 0113	MCONHS Transitions Nursing Course I*.....	3 hours
NUR 1024	Patient Centered Care I.....	4 hours
NUR 1034	Patient Centered Care II.....	4 hours
NUR 1021	Pharmacology for Nursing II.....	1 hour
NUR 2014	Advanced Patient Centered Care I.....	4 hours
NUR 2024	Advanced Patient Centered Care II.....	4 hours
NUR 2031	Pharmacology for Nursing III.....	1 hour
NUR 2034	Complex Patient Centered Care.....	4 hours
NUR 2044	Nursing Role Integration	4 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 0203	MCONHS Transitions Nursing Course II*.....	3 hours
NUR 2014	Advanced Patient Centered Care I	4 hours
NUR 2024	Advanced Patient Centered Care II	4 hours
NUR 2031	Pharmacology for Nursing III	1 hour
NUR 2034	Complex Patient Centered Care	4 hours
NUR 2044	Nursing Role Integration	4 hours
NUR 2051	NCLEX Preparation.....	1 hour

LPN and Paramedic students entering into the ASN Program as advanced placement students must complete all prerequisites, general education courses, and program requirements listed above.

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 2014	Advanced Patient Centered Care I.....	4 hours
NUR 2024	Advanced Patient Centered Care II.....	4 hours
NUR 2031	Pharmacology for Nursing III	1 hour
NUR 2034	Complex Patient Centered Care	4 hours
NUR 2044	Nursing Role Integration	4 hours
NUR 2051	NCLEX Preparation.....	1 hour

Old Curriculum ASN Course Number	Condition(s)	
NUR 1135 or NUR 1134 in fall 2016	Student unsuccessful or drops	Will require a remedial transition course (also NUR 0013) JA17 to progress into the 2nd Semester New Curriculum (NUR 1024 or NUR 1034) – SP17 in order to prevent progression issues. This course will be offered as a NUR 2950 special topics in nursing transition 2 course.
NUR 2005 or NUR 2004 in spring 2017	Student Unsuccessful or drops	Will require a remedial transition course (also NUR 0013-charged at full ASN tuition rate) SU17 to progress into the 3 rd Semester New Curriculum (NUR 2014 or NUR 2024) – FA17 in order to prevent progression issues. This course will be offered as a NUR 2950 special topics in nursing transition 3 course. \$300 course fee will apply.
NUR 2124 or NUR 2135 in fall 2017	Student unsuccessful or drops	Will require a remedial transition course (also NUR 0013-charged at full ASN tuition rate) FA17 2 nd 8 weeks for NUR 2124 & SP18 1 st 8 weeks for NUR 2135 to progress into the 4th Semester New Curriculum (NUR 2034 or NUR 2035) – SP18 in order to prevent progression issues. This course will be offered as a NUR 2950 special topics in nursing transition 4 course. \$300 course fee will apply.

** 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 with an additional fee before progressing and/or taking the licensure exam.

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. (NUR 0013 Student Success Academy)

1	2		3	4
Term Roll Out	New ASN Program Courses	 Student unsuccessful in ASN course then required to take the student success course in order to repeat & progress	Student Success Course & Section Currently in Catalog	Student Success Course Term Offered
FA 1 st 8 wks	NUR 1004 Foundations of Safe Nursing Prac		NUR 0013 Student Success Academy S1	2 nd 8 wks FA
FA 2 nd 8 wks	NUR 1014 Intro to Nursing Across the Life		NUR 0013 Student Success Academy S2	1 st 8 wks SP
SP1 st 8 wks	NUR 1024 Pt Centered Care I		NUR 0013 Student Success Academy S3	2 nd 8 wks SP
SP 2 nd 8 wks	NUR 1034 Pt Centered Care II		NUR 0013 Student Success Academy S4	1 st 8 wks FA
FA 1 st 8 wks	NUR 2014 Adv Patient Centered Care I		NUR 0013 Student Success Academy S5	2nd 8 wks FA
FA 2nd 8 wks	NUR 2024 Adv Patient Centered Care II		NUR 0013 Student Success Academy S6	1 st 8 wks SP
SP 1 st 8 wks	NUR 2034 Complex Patient Centered Care		NUR 0013 Student Success Academy S7	2 nd 8 wks SP
SP 2 nd 8 wks	NUR 2035 Nursing Role Integration		NUR 0013 Student Success Academy S8	1 st 8 wks FA

NOTE: Students that are not successful in any of the 3 Pharmacology courses (NUR 1011, 1021, or 2031), but are successful in the core nursing courses, will be allowed to retake the 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).
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 3.0 cumulative GPA for all program requirements.
 - c. Minimum of 3.0 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.
4. Students must signify that they are able to perform the functional abilities listed below. These abilities are necessary to be able to perform as a student and in the role of nurse generalist. They include the cognitive, sensory/perceptual, psychosocial/emotional, and physical principal capabilities to provide safe patient care.
5. 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.
6. Admission is contingent upon an acceptable background check and drug screen.
7. 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
8. 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.

Functional Abilities Necessary for Participation in the ASN Nursing Program

COGNITIVE REQUIREMENTS

A. **Academic Standards** – Comprehension and application of information and ability to assimilate it with new and previous learning to form new understandings. Student must be able to:

- Meet all program admission requirements
- Collect, analyze, and integrate information/knowledge to make clinical judgments
- Demonstrate sustained attention to respond in emergency situations
- Perform accurate math computations for safe medication administration
- Prioritize tasks quickly and accurately
- Use skill recall (long term and short term) to predict and evaluate possible patient outcomes

B. **English Communication Standard** – Ability to speak, comprehend, read, and write English at a level that meets the requirement for accurate, clear, and effective communication with patients, their families, and groups while respecting social, cultural, and spiritual diversity. Student must be able to:

- Give clear oral reports
- Read and write reports
- Read watches with second hands
- Read labels and graphs
- Negotiate interpersonal conflict
- Discriminate fine/subtle differences in medical words
- Obtain patient information in a timely manner.

SENSORY/PERCEPTUAL REQUIREMENTS

A. **Vision Standard** – Visual Acuity sufficient to observe, read, or otherwise accurately interpret visual stimuli or obtain and record client information or provide safe environment and emergency response to situations. Common aids to correct vision may be applied. Student must be able to:

- Read small print, charts, orders, medication labels, ampoules, vials, syringes, technological tools and monitoring equipment
- Accurately assess patient by using visual inspection
- Recognize emergency lights and/or equipment functions/alerts
- Recognize clarity of medications or other situations necessary for patient safety

B. **Auditory Standard** – The sense of hearing sufficient to discriminate and assign meaning to sensory input. To communicate and obtain oral communication sufficient to be understood clearly by others. Student must be able to:

- Orally communicate with patients and other members of the health care team, by phone or other means
- Elicit information
- Respond to emergency and alert sounds
- Utilize equipment that may need to be placed in both ears to hear faint sounds, tones and make rhythm interpretations

<p>C. Olfactory Standard – The sense of smell necessary to discriminate and assign meaning to sensory input. Student must be able to:</p> <ul style="list-style-type: none"> • Detect odors such as that of bodily fluids or spoiled food • Detect smoke from burning materials <p>D. Tactile Standard – Tactile ability sufficient to assess patients and to implement nursing care developed from such assessments. Student must be able to:</p> <ul style="list-style-type: none"> • Detect vibrations such as pulses, and temperature of patient skin, fluids, etc. • Feel differences in surface characteristics such as skin turgor or rashes • Feel differences in shape and size.
<p>PSYCHOSOCIAL REQUIREMENTS</p> <p>A. Interpersonal Requirement – Psychosocial skills and emotional stability and sensitivity sufficient to function while maintaining a cooperative atmosphere among other health care persons, and with patients and their families. Have the ability to respond to a variety of clinical situations with therapeutic interpersonal techniques. Student must be able to:</p> <ul style="list-style-type: none"> • Establish and maintain relationships. • Possess the ability to function and respond with flexibility without undue anxiety in a variety of unexpected or stressful situations. • Establish therapeutic boundaries. • Provide emotional support to patients and their families • Perform multiple responsibilities concurrently • Demonstrate compassion, honesty, and concern for others.
<p>PHYSICAL REQUIREMENTS</p> <p>A. Psychomotor Standard – To obtain and maintain complete bilateral body motor coordination, strength, flexibility, dexterity, and balance, as well as sensory capabilities sufficient for safe and accurate assessment and performance of client care. Student must be able to:</p> <ul style="list-style-type: none"> • Adhere to infection control standards • Provide direct patient care (i.e. walking, lifting, turning, moving patients safely during care) • Respond in emergent situations including CPR • The ability to manipulate technological and monitoring equipment <p>B. Fine Motor Skills Standard – Fine motor skills sufficient to perform tasks that require dexterity which are integral to patient care. The student must be able to:</p> <ul style="list-style-type: none"> • Safely dispose of needles in sharps containers. • Accurately place and maintain the position of the stethoscope for detecting body sounds • Manipulate small equipment and containers (i.e. syringes, vials, ampoules, and medication packaging) for safe administration <p>C. Physical Endurance Standard – Physical endurance sufficient to complete assigned periods of clinical practice. Student must be able to:</p> <ul style="list-style-type: none"> • Perform with acceptable speed as demonstrated by ability to carry out patient care assignments • Sustain repetitive movements such as CPR • Stand at the patient’s side until the completion of surgical or other therapeutic procedures.

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.
6. Exhibit **Professionalism** within standards of practice and established ethical guidelines.

Department of Health Sciences

Certificates and Degrees in the Health Sciences

Community Paramedic Certificate (12 hours) – Currently Not Eligible for Federal Aid

Community Paramedics (CP) are members of a distinct geographical community, and by working in collaboration with the local Public Health agency, where possible, they play an important role by assessing and evaluating community services and systems in order to identify gaps in services between the community and healthcare systems and services.

Admission Requirements for Community Paramedic Certification

Program Pre-Requisites: Paramedic Licensure in the State of Missouri or in state of residency and 3 years of experience as a Paramedic working on an ALS ambulance is preferred.

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. 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. An admission conference with a member of the Health Sciences faculty is required. All admission criterion is subject to change.

Community Paramedic Program Requirements (12 credit hours)

HSC 2001	Role of the Community Paramedic in the Health Care System.....	1 hour
HSC 2111	Social and Cultural Determinants of Health.....	1 hour
HSC 2212	Public Health and Primary Care Role of the Community Paramedic.....	2 hours
HSC 2314	The Community Paramedic's Role Within the Community.....	4 hours
HSC 2162	The Community Paramedic's Personal Safety and Wellness	2 hours
HSC 2812	Community Paramedic Clinical.....	2 hours

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.

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

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

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	25 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 4143 Research for Health Care Professionals.....	3 hours
HSC 4013# Health Care in Culturally Diverse Populations.....	3 hours
HSC 4443 Leadership for Health Professionals	3 hours
HSC Elective	6 hours
HSC 4441 Capstone	1 hour

* This course will satisfy the general education life science requirement for this degree.

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- 12 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 3373	Professional Health Care Practice	3 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 Director 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 is needed while enrolled 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 Director or Dean. The BSHS courses that have been designated for concurrent enrollment in the ASR program are:

HSC 3003 Legal and Ethical Issues for Health Professionals	HSC 3453 Spirituality in Health Care
HSC 3013 Organization and Delivery of Health Care	HSC 3563 Health Care Informatics
HSC 3043 Missionary Nursing	HSC 4013 Health Care in Culturally Diverse Populations
HSC 3073 Patient Education & Health Promotion	HSC 4023 Health Care Finance
HSC 3083 Clinical Genetics	HSC 4143 Research for Health Care Professionals
HSC 3093 Survey of Human Anatomy and Physiology for Nursing and Health Sciences	HSC 4343 Human Resources for Health Care Professionals
HSC 3103 Basics of APA Writing in Health Care	HSC 4443 Leadership for Health Professionals
HSC 3202 Foundations of Learning	HSC 499(1-3) Independent Studies
HSC 3373 Professional Health Care Practice	

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.
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

Mercy School of Radiologic Technology 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
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), and Mercy Clinic Nixa. Clinical rotation schedules 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 previous degrees, students who have completed their prerequisite courses at SBU, employees of Mercy Hospital Springfield, 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 its 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 written communication skills
 - c. 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	Old Testament History**	3 hours
BIB 1023	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 1304	Radiographic Procedures I	4 hours
RAD 1604	Radiographic Procedures II	4 hours
RAD 1613	Radiographic Procedures III	3 hours
RAD 1912	Advanced Imaging Procedures	2 hours
RAD 1201	Contrast Agents	1 hour
RAD 1923	Radiologic Pathology & Cross-Sectional Anatomy	3 hours
RAD 1944	Curriculum Review	4 hours
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.