



**PROPOSAL TO SOUTHWESTERN COMMUNITY COLLEGE
FROM
SOUTH COLLEGE ASHEVILLE LEARNING SITE
TRANSFER AGREEMENT
FOR
AAS IN RADIOGRAPHY
TO
BACHELOR OF SCIENCE IN RADIOLOGICAL SCIENCES**

The following proposal is designed to provide a means by which graduates of the AAS in Radiography from Southwestern Community College can transfer associate degree course credits to the Bachelor of Science in Radiological Sciences at South College Asheville Learning Site. The intent of the proposed agreement encourages students to complete their associate degree and other pre-requisites identified in the agreement before transferring into the BS degree at South College. The BS in Radiological Sciences degree provides students with the ability to utilize credits earned in a Radiologic Technologist program toward the completion of the BS degree.

The Bachelor of Science in Radiologic Sciences program prepares students to assume leadership roles in the field of Imaging Sciences. The ASRT recognizes the baccalaureate degree as the professional level of Radiological Sciences education. Typically, a bachelor's degree is required for entry-level management positions at the departmental level within health care organizations or faculty positions in associate degree programs. Imaging department managers are often responsible for multi-million dollar facilities and equipment and a significant number of employees. Imaging Science educators are responsible for administering educational programs, developing operational budgets, instruction, and maintaining program integrity and accreditation. To make effective decisions, leaders in imaging need to be open to different opinions, analyze contradictory information, understand finance and information systems, and interpret data. Motivating others to implement their decisions requires strong leadership abilities. Tact, diplomacy, flexibility, and communication skills are also essential. The degree programs facilitate matriculation of diploma or associate degree imaging professionals to the bachelor's level.

The proposal outlines this North Carolina Board of Governors and SACSCOC approved curriculum of the BS degree, and the course transfer checklist for the two schools. In order to earn the degree, students must earn at least 40% of the required program credits at South College.

OVERVIEW OF THE BACHELOR OF SCIENCE IN RADIOLOGICAL SCIENCES

MISSION

The mission of the Bachelor of Science program is to prepare students to qualify for advanced positions within a health care team dedicated to the conservation of life and the maintenance of health, which includes prevention and treatment of disease by:

1. Providing a quality education, both clinical and didactic, in the health sciences to prepare health professionals for advanced positions or leadership roles in accordance with professional and accreditation guidelines;
2. Broadening a student's knowledge, cognitive skills, and generalize theoretically learning through liberal arts and science studies;
3. Promoting the health professions by addressing the significance of specific roles and associated professional issues;
4. Providing competent health practitioners with educational experience beyond an associate degree level with in-depth concentrated learning experiences;
5. Expanding and enhancing job mobility and promotion for health professionals; and
6. Providing the health care community with a professional competent and appropriate workforce.

INFORMATION FOR CURRENTLY CERTIFIED RADIOLOGIC TECHNOLOGISTS AND REGISTRY ELIGIBLE

Applicants, who are currently registered as Radiologic Technologists with the ARRT, can qualify for full transfer of credits earned in their completed two-year program of radiologic technology study towards the Bachelor of Science in Radiological Sciences degree program. Graduates from a JRCERT two-year accredited program, who are not registered, but who can provide proof of registry eligibility, may also receive full credit for their associate degree.

**BACHELOR OF SCIENCE
RADIOLOGICAL SCIENCES**

BS Radiological Sciences Curriculum200 credits
Area I – Core Curriculum.....68 credits

Mathematics	MAT 1500	College Mathematics I	4
	MAT 1510	College Mathematics II	4
	MAT 2500	Statistics	4
Written Communication	ENG 1200	English Composition	4
	ENG 1210	English Composition with Research	4
Humanities	Approved Humanities Electives		8
Communications	COM 1260	Effective Speaking	4
	COM 3050	Strategic Communication & Decision-Making	4
Social Science	PSY 1810	General Psychology	4
	Approved Social Science Elective		8
Science	BIO 1110	Anatomy & Physiology I	4
	BIO 1120	Anatomy & Physiology I Lab	2
	BIO 1130	Anatomy & Physiology II	4
	BIO 1140	Anatomy & Physiology II Lab	2
	MA 1810	Medical Terminology	4
	General Science Elective		4

Area II – Core Health Science Curriculum.....20 credits

HSC 3110	Introduction to Health Admin	4
HSC 3120	Healthcare Law and Ethics	4
HSC 3310	Cross-Sectional Anatomy	4
HSC 4110	Health Science Research	4
HSC 4210	Current Trends and Issues	4

Area III – Major Curriculum.....112 credits

RT 1010	Foundations of Health Care	4
RT 1110	Essentials of Patient Care	4
RT 1120	Image Formation & Display I	4
RT 1200	Clinical Experience I	5
RT 1210	Radiographic Positioning I	4
RT 1220	Radiographic Positioning I Lab	1
RT 1300	Clinical Experience II	5
RT 1310	Radiographic Positioning II	4
RT 1320	Radiographic Positioning II Lab	1
RT 1330	Radiographic Positioning III	4
RT 1340	Radiographic Positioning III Lab	1
RT 1400	Clinical Experience III	7
RT 1410	Image Formation and Display II	4
RT 1420	Radiation Physics	4
RT 2100	Interventional Radiology and Advanced Imaging Modalities	4
RT 2110	Radiation Protection & Biological Responses	4
RT 2120	Clinical Experience IV	7
RT 2200	Quality Assurance & Analysis	4
RT 2210	Imaging Pathology	4
RT 2220	Clinical Experience V	7
RT 2300	Imaging Synthesis	4
RT 2320	Clinical Experience VI	7
RT 3150	Introduction to Picture Archiving Communication Systems (PACS)	4
RT 3200	Advanced Patient Care Procedures	4
RT 3400	Understand Computed Tomography	4
RT Elective		7
RT4200	Radiology Internship (CT); OR	
RT4210	Radiology Internship (Mammography); OR	
RT4220	General Modality Radiology Internship	

COURSE LISTINGS

LIST A: COURSES COMMON TO BOTH ASSOCIATE DEGREE PROGRAMS

LIST B COURSES FOR BACHELOR PROGRAM TO COMPLETE DEGREE AT SOUTH COLLEGE

LIST A			
COURSES COMMON TO BOTH AAS IN RADIOLOGY TO BE TAKEN AT SCC			
SOUTH COLLEGE		SOUTHWESTERN COMMUNITY COLLEGE	
Course Number	Course Name/Quarter Credits	Course Number	Course Name/Semester Credits
	RT courses AAS Radiological Technology		RT courses AAS in Radiography
ENG 1200	English Composition	ENG 111	Writing & Inquiry
ENG 1210	English Comp/Research	ENG 114	Professional Research and Reporting
	Humanities Elective		Humanities Elective
MAT 1510	College Mathematics II	MAT 143	Quantitative Literacy
BIO 1110/1120	Anatomy & Physiology I Lecture/Lab	BIO 163	Basic Anatomy and Physiology
PSY 1810	General Psychology	PSY 150	General Psychology
LIST B			
COURSES NEEDED FOR THE BACHELOR OF SCIENCE RADIOLOGICAL SCIENCES DEGREE FROM SOUTH COLLEGE (to meet 40% requirement for South College to confer degree)			
BIO 1130/1140	Anatomy & Physiology II Lecture/Lab		
COM 1260	Effective Speaking		
COM 3050	Strategic Communication & Decision-Making		
HSC 3110	Introduction to Health Admin		
HSC 3120	Healthcare Law and Ethics		
HSC 3310	Cross-Sectional Anatomy		
HSC 4110	Health Science Research		
HSC 4210	Current Trends and Issues		
MA 1810	Medical Terminology		
MAT 1500	College Mathematics I		
MAT 2500	Statistics		
RT 3150	Introduction to Picture Archiving Communication Systems (PACS)		

RT 3200 Advanced Patient Care Procedures

RT 3400 Understand Computed Tomography

RT Elective

RT 4200 Radiology Internship (CT); OR

RT 4210 Radiology Internship (Mammography); OR

RT 4220 General Modality Radiology Internship

Humanities Elective (1)

Social Science Electives (2)

General Science Elective (1)