

2014



Dear Prospective Radiologic Sciences Student:

Thank you for your interest in the Radiologic Sciences Program at Southern Illinois University Carbondale.

Because of a variety of circumstances, including rules of accreditation, limitations of facilities, and faculty-student ratios, we are limited to a specific number of students. These students are chosen, by a process of selection, for admission into the program. In order to give each applicant a thorough and fair evaluation, a program application must be completed. Radiologic Sciences application materials are enclosed. To be considered for admission, you must complete and submit all requested application materials for evaluation. **It is very important that you follow the procedures accurately and that your file is completed as soon as possible.** Only completed files will be considered. Review of completed applications will begin in mid-January. Admission to the program will close when all positions in the class are filled.

If you are selected for admission into the program, prior to participating in internships, students must undergo a “**Clinic Site Required**” criminal background check and drug screening. Upon admission you must also make an appointment with one of our advisors for registration.

If you have any questions concerning the program, or the admission process, please feel free to contact me.

Sincerely,

Rick McKinnies
Program Director
Radiologic Sciences

NEW STUDENT

Radiologic Sciences
College of Applied Sciences and Arts
Mail Code 6615
Southern Illinois University
Carbondale, IL 62901

The program in Radiologic Sciences prepares qualified health care professionals to act as first assistants to the physician in medical practice. These professionals utilize radiant energy, ionizing radiation (X-rays), other forms of electromagnetic energy, and sound waves for the imaging, diagnosis, and treatment of disease. Each distinct option has its own accreditation, educational and clinical training requirements. The traditional medical specialties of radiography (radiologic technology), radiation therapy, medical sonography (ultrasound), and magnetic resonance / computed tomography imaging are offered by SIUC. A post- baccalaureate certificate in Medical Dosimetry is also available.

Employment and Career Mobility

Employment opportunities for graduates are excellent. Graduates of approved programs can expect beginning salaries ranging from approximately \$35,000 to \$55,000 a year depending on number of certifications, geographical location, hospital size and level of experience. Career advancement includes department management, education, sales and research. A need for professionally trained multi-skilled technologists has been identified in Illinois as well as in rural and urban areas of neighboring states.

Radiologic Sciences at Southern Illinois University Carbondale

The curriculum prepares technologists for entry-level positions and also prepares the technologist desiring additional expertise. The basic radiography curriculum is designed to meet the eligibility guidelines set by the American Registry of Radiologic Technologists. The baccalaureate degree with options in either diagnostic medical sonography, magnetic resonance/computed tomography imaging, or radiation therapy meets specific accreditation guidelines and provides opportunities for professional growth for radiographers.

The program of study during the first year includes basic sciences, general core courses and health related electives. The second and third years are composed predominantly of courses in radiography. Program structure allows for the simultaneous completion of the lecture and clinical course requirements. Clinical experiences during the second, third and fourth years are served in area and regional hospitals away from the University campus. The student is expected to assume financial responsibility, securing housing and transportation for clinical rotations.

NEW STUDENT

Admission to the Radiologic Sciences Program

An applicant must be a high school graduate or have completed GED requirements and must satisfy the general admission criteria for the University and the College of Applied Sciences and Arts. Since first year students are required to take courses in the biological and physical sciences, a strong background in the basic sciences is highly recommended.

The Radiologic Sciences sequence begins only in the Fall semester of each year. Enrollment is limited and selective. Individuals interested in Radiologic Sciences are encouraged to begin the application process as early as one full academic year in advance.

Educational Costs

In addition to the standard tuition and fees charged per semester, students can expect to pay costs covering uniforms, liability insurance, criminal background check & drug screening, textbooks and travel expenses involved with fulfilling clinical assignments. Additionally, students are encouraged to join the state and national professional organizations. Individuals anticipating financial difficulties are advised to contact the SIUC Financial Aid Office for information regarding the variety of financial aid programs which are available.

For further program information contact:

Richard C. McKinnies, M.S. Ed.,
R.T.(R)(T), CMD
Radiologic Sciences Program Director
Radiation Therapy Associate Professor
Radiologic Sciences
School of Allied Health, MC 6615
College of Applied Sciences and Arts
Southern Illinois University
Phone: (618) 453-8800
E-Mail: rmck@siu.edu
FAX: (618) 453-7020

Michael L. Grey, Ph.D.
R.T.(R), (MR), (CT)
MRI/CT Option
Radiologic Sciences
School of Allied Health, MC 6615
College of Applied Sciences and Arts
Southern Illinois University
Phone: (618) 453-7203
E-Mail: mgrey@siu.edu
FAX: (618) 453-7020

Robert Broomfield, M.S.Ed,
Academic Advisor
School of Allied Health, MC 6615
College of Applied Sciences and Arts
Southern Illinois University
Phone: (618) 453-7287
E-Mail: broomr@siu.edu
FAX: (618) 453-7020

The following is a check list of items needed to complete the Radiologic Sciences Program application process.

_____ Apply to Southern Illinois University Carbondale: <http://admissions.siu.edu/apply/index.html>

_____ Send current **official transcripts** from each college attended. All transcripts must be in an official sealed envelope and issued within the last 30 days.

Mail College Transcripts to:

Southern Illinois University Carbondale
Transfer Student Services - Mail Code 4725
900 S. Normal Ave.
Carbondale, IL 62901

If you have completed less than 26 semester hours or 39 quarter hours of transferable credit you must send, in addition to your official college transcripts, your ACT/SAT scores and an official high school transcript (in an official sealed envelope) that includes your class rank.

Mail High School Transcripts to:

HIGH SCHOOL TRANSCRIPTS
Admissions Reception Center - Mail Code 4710
Southern Illinois University Carbondale
425 Clocktower Drive
Carbondale, IL 62901

Once you have been accepted to SIUC

_____ Submit a Radiologic Sciences Program application.

_____ Submit a copy of your fall class schedule, if applicable

_____ Send a copy (unofficial) of your transcripts with your RADS Application.

_____ After your fall semester grades are recorded, submit a copy of your grade report.

_____ Submit a copy of your spring class schedule, if applicable

NOTE: It is important that you follow the procedures accurately and that your file is complete as soon as possible. Only completed files will be considered. Review of completed applications will begin mid-January. A letter will be sent stating your acceptance or rejection to the program. If you have further questions, please feel free to contact Robert A. Broomfield, Academic Advisor. (618) 453-7287 email: broomr@siu.edu. You may check on the status of your file by contacting our Admissions Clerk at 618-453-8869.

Recommended Course Sequence for Radiologic Sciences Students Radiography, MRI/CT, & Radiation Therapy

Fall Semester	Spring Semester	Summer Semester
Year 1		
UCOL 101 3 Foundations of Inquiry	*RAD 122 2 Seminar in Radiology	
ENG 101 3 English Comp I	ENG 102 3 English Comp II	
MATH 3 Math 108 or Math 113	SPCM 101 3 Intro: Oral Comm.	
U. Core 3 Chemistry or Physics	U. Core 3 PLB/ZOOL 115/117	
AH 241 4 Human. A&P (Replaces 2 credit Core Curriculum Health requirement)	U. Core 3 Social Science Group	
	U. Core 3 Humanities Group	
Year 2		
RAD 102 3 Intro to RAD	RAD 222 9 Radiography Clinic I	RAD 212 2 Special Procedures
RAD 112 4 Anatomy & Positioning	U. Core 3 Interdisciplinary Course (This course is replaced by UCOL 101 if taken freshman year)	RAD 232 4 Selected Systems
RAD 202 3 Radiographic Physics		*RAD 122 2 Seminar in Radiology
U. Core 3 Social Science Group		
U. Core 3 Humanities Group		
Year 3		
RAD 332 9 Radiography Clinic II	RAD 312 3 Radiographic Pathology	
U. Core 3 Fine Arts Group	RAD 322 3 Anat./Pharmacology	
	RAD 342 3 Rad. Biology & Protection	
	RAD 352 3 Spec. Imag. Modalities	
	U. Core 3 Multicultural Course	
Year 4-MRI & CT Spec.		
RAD 364 3 Comp. Tomography	RAD 404 10 Clinical Internship I	RAD 424 4 MRI/CT Clinic II
RAD 374 3 Sect Anatomy	RAD 414 2 Spec Studies in MRI/CT	RAD 434 2 MRI/CT Seminar
RAD 384 4 Magnetic Resonance		
RAD 394 3 MRI/CT Pathology		
Year 4 - Radiation Therapy Spec.		
RAD 360 2 Fund of Rad Oncology	RAD 410 10 Clinical Internship I	RAD 430 4 Rad Therapy Clinic II
RAD 370 3 Tech&App of Rad Therapy	RAD 420 2 Special Problems	RAD 440 2 Rad Therapy Seminar
RAD 380 3 Physics of Rad Therapy		
RAD 390 2 Oncology Nursing		
RAD 400 3 Dosimetry & Instrument		
<u>Radiology Management/Education Course</u>	<u>Specialization Offered Through Distance</u>	<u>Part-Time Enrollment Only (31 hours</u>
<u>Education</u>	<u>Education</u>	<u>required)</u>
Odd Years	Odd Years	All Years
RAD 345-3 Introduction to Radiology Management	RAD 480-3 The U.S. Health Care System	RAD 415-3 Research Methods
RAD 355-3 Teaching Strategies in Radiology	RAD 435-3 Problems in Radiology Educ/Mgmt	One of the Following Courses
Even Years	Even Years	RAD 475-4 Internship
RAD 481-3 Health Care Supervision	RAD 482-3 Legal Aspects of Health Care	RAD 476-4 Research Project (prerequisite RAD 415)
RAD 425b-3 Readings in Radiology Management	RAD 425a-3 Readings in Radiology Education	

Recommended Course Sequence for Radiologic Sciences Students who choose to do Diagnostic Sonography

Fall Semester			Spring Semester			Summer Semester		
Year 1								
ENG 101	3	English Composition	ENG 102	3	English Comp II			
MATH	3	MATH – (at SIU: 101 or 108)	U. Core	3	Multicultural			
Human Health	2		PHYS 101	3	Science – Group 1			
Plb/zool 115/117	3	Science – Group 2	SPCM 101	3	Intro: Oral Comm.			
UCOL	3	University College	*RAD 122	2	Seminar in Radiology			
Year 2								
U. Core	3	Social Science						
AH 105	2	Medical Terminology	CS 105	3				
U. Core	3	University Core Elective/Hum	U. Core	3	Social Science			
U. Core	3	University Core Elective/Hum	AH 241	4	Anatomy and Physiology			
STATS	3	HCM 365, EPSY 401, MATH 282	U. Core	3	Fine Arts			
Year 3								
RAD 349	3	Fundamentals of Sonography	HED 334	3		RAD 409	4	Clinical Practicum
RAD 359a	3	OB & GYN Sonography I	RAD 359b	3	OB & GYN Sonography II	RAD 379b	2	Abdominal Sonography II
RAD 379a	3	Abdominal Sonography I	RAD 369	3	Vascular Sonography			
RAD 389a	3	Ultrasound Physics and Instrum.	RAD 389b	3	Ad. Ultrasound Physics and Inst.			
RAD 399	3	Clinical Practicum (Lab)	RAD 399b	3	Clinical Practicum (Lab)			
Year 4								
RAD 409b	8	Clinical Practicum (Clinic)	RAD 409c	8	Clinical Practicum (Clinic)			
RAD 479	2	Ad. Abdominal Sonography	RAD 489	3	Neurosography			
RAD 469	3	Ad. Vascular Sonography	RAD 499	3	Sonography Seminar			
RAD 459	2	Ad. OB & GYN Sonography						

APPLICATION PROCEDURES

Radiologic Sciences
Southern Illinois University Carbondale

IMPORTANT NOTE: Your current status at SIUC is Radiologic Sciences applicant. This is not a major but merely a pool from which you are eligible to apply for the major. ***If you are not selected for admission to Radiologic Sciences, you must request admission to another major for which you are eligible, go into pre-major, or have your admission to SIUC withdrawn.*** If you are not selected, you will be provided information on how to accomplish this change.

PROCEDURES	INSTRUCTIONS
Radiologic Sciences Application	You must complete and return the application enclosed in this packet no later than Jan.17, 2014 Return to: Admissions Clerk School of Allied Health Mail Code 6615 College of Applied Sciences and Arts Southern Illinois University Carbondale, IL 62901
High School Transcript and ACT Scores	If you are applying to SIUC with less than 26 semester hours of college coursework completed , you must have an official copy of your high school transcript and ACT scores sent to Staci Eakins, Admissions Clerk.
Current College Class Schedule Fall Semester Grades Spring class schedule	Send copies of your Fall and Spring schedules and Fall grades to Staci Eakins, Admissions Clerk no later than January 27, 2014.
Send a copy of the Most Recent transcripts to be put in your file. <i>(It does not have to be a certified copy)</i>	To Admissions Clerk no later than January 27, 2014.

NOTE: **It is important that you follow the procedures accurately and that your file is complete as soon as possible. Only completed files will be considered. Review of completed applications will begin February 1st.**

You may check on the status of your file by contacting the Admissions Clerk, at 618-453-8869.



**Radiologic Sciences
Southern Illinois University Carbondale**

Please indicate which Specialization you are interested in doing:

- MRI/CT
- Radiation Therapy
- Education/Management
- Diagnostic Sonography

NOTE: If you initially choose MRI/CT, RADIATION THERAPY or EDUCATION/MANAGEMENT, and later decide to switch to Diagnostic Sonography once in the program, you will be required to apply to the Diagnostic Sonography program and it may take an additional length of time to complete the degree requirements due to curricular differences.

Last Name	First	Middle	Dawg Tag or Student ID
Present Address		Legal Address	
City	State	Zip	City State Zip
Current Telephone	Home Telephone	E-mail Address	
Communications should be sent to: <input type="checkbox"/> Present Address <input type="checkbox"/> Legal Address <input type="checkbox"/> E-mail Address			

Please check one of the following:

- I am currently a high school student at _____.
- I am a high school graduate or equivalent.
- I am currently a college student at _____.
- I completed (will complete) the Radiologic Technology program at _____.

College(s) Attended:

College Name	City/State	Dates Attended	Degree	Year Graduated
College Name	City/State	Dates Attended	Degree	Year Graduated

I hereby certify that the information I am submitting in this application is complete and correct to the best of my knowledge.

Signature of Applicant

Date

If accepted into the program, I understand that prior to participating in clinical internships, students must undergo a “Clinic Site Required” criminal background check and drug screening.

I have read the above statement and agree with the terms of Clinic Requirements.

Please Initial _____

Mail to:

**Admissions Clerk
School of Allied Health, MC 6615
College of Applied Sciences and Arts
Southern Illinois University
Carbondale, IL 62901
(618) 453-8869**