

# Radiation Therapy

# 2020



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.

**You must select a specific Specialization. If you wish to be considered for another specialization, you must submit a separate application. If you are accepted to one specialization, and wish to change to a different specialization, you must re-apply to that specialization during the application acceptance period.**

**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*

Rick McKinnies, M.S. Ed. R.T. (R) (T), CMD  
Program Director  
Radiologic Sciences

# Radiation Therapy

2020

## 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 Master's Degree 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 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, 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.

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## 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:

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R.T.(R)(T), CMD  
Radiologic Sciences Program Director  
Radiation Therapy Associate Professor  
Radiologic Sciences  
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College of Applied Sciences and Arts  
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Sandi Watts MHA, R.T. (R)  
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Radiography MRI  
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Michael Rowell, M.A. Ed.,  
Academic Advisor  
School of Health Sciences, MC 6615  
College of Applied Sciences and Arts  
Southern Illinois University  
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FAX: (618) 453-7020

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The following is a checklist 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:**

Articulation and Evaluation  
Mail Code 4725  
1263 Lincoln Drive  
Southern Illinois University  
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:**

Undergraduate Admissions  
Mail Code 4710  
1263 Lincoln Drive  
Southern Illinois University Carbondale Carbondale,  
IL 62901

## **Once you have been accepted to SIUC**

\_\_\_\_\_ Submit a Radiologic Sciences Program application.

\_\_\_\_\_ Submit a copy of your fall/spring class schedule, if applicable to the RADS program

\_\_\_\_\_ After your fall semester grades are recorded, submit a copy of your official transcripts to SIU.

**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-February. A letter will be sent stating your acceptance or rejection to the program. If you have further questions, please feel free to contact Michael Rowell, Academic Advisor. (618) 453-8869 email: [michael.rowell@siu.edu](mailto:michael.rowell@siu.edu). You may check on the status of your file by contacting the Academic Advisor.

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## Recommended Course Sequence for Radiologic Sciences Students who choose to do Radiation Therapy

Fall Semester			Spring Semester			Summer Semester		
<b>Year 1</b>								
UNIV	1	Saluki Success 101u	*RAD 122	2	Seminar in Rad.			
ENG 101	3	English Comp I	ENG 102	3	English Comp II			
U. Core	3	PLB/ ZOOL 115/117	CMST 101	3	Intro: Oral Comm.			
AH 105	2	Medical Terminology	U. Core	3	Chem. or <b>Physics</b>			
AH 241	4	Human. A & P (Replaces 2 credit hrs Core Curriculum Health requirement)	U. Core	3	Humanities Group			
			MATH	3	Math 101 or <b>108</b>			
<b>Year 2</b>								
RAD 102	3	Intro to RAD	RAD 222	9	Rad. Clinic	RAD 212	2	Special Procedures
RAD 112	3	Anatomy & Positioning				RAD 232	3	Selected Systems
RAD 112 L	1	A & P Lab				RAD 232L	1	Selected systems Lab
RAD 202	3	Radiographic Physics				*RAD 122	2	Seminar in Rad.
U. Core	3	Social Science Group				U. Core	3	Social Science group
U. Core	3	Humanities Group						
<b>Year 3</b>								
RAD 322	9	Radiography Clinic II	RAD 312	3	Radiographic Pathology			
U. Core	3	Fine Arts Group	RAD 322	3	Ant./ Pharmacology			
			RAD 342	3	Rad. Bio. & Protection			
			RAD 352	3	Spec. Imag. Modalities			
			U. Core	3	Multicultural Course			
<b>Year 4</b>								
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						

## 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 <b>must</b> complete and return the application enclosed in this packet <b>no later than Jan. 31, 2020</b>  Return to: Radiologic Science Academic Advisor School of Health Sciences 1365 Douglas Drive - Mail Code 6615 College of Applied Sciences and Arts – Room 18 Southern Illinois University Carbondale, IL 62901 FAX: 618-453-7020
High School Transcript and ACT Scores	If you are applying to SIUC with <b>less than 26 semester hours of college coursework completed</b> , you must have an official copy of your high school transcript and ACT scores sent to Southern Illinois University: See page 4
Current College Class Schedule Fall Semester Grades to SIU Spring class schedule to RADS Dept.	Send copies of your Fall and Spring schedules and Fall grades to Michael Rowell, Academic Advisor no later than <b>January 31, 2020</b> .

### 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 1<sup>st</sup>. You may check on the status of your file by contacting the Academic Advisor at 618-453-8869.**

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## Radiologic Sciences Southern Illinois University Carbondale

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Last Name	First	Middle	Dawg Tag or Student ID
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Present Address	Legal Address
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City	State	Zip	City	State	Zip
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Current Telephone	Home Telephone	E-mail Address
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Communications should be sent to:     Present Address     Legal Address     E-mail Address

Have you ever applied to this program before, if yes when?    \_\_\_\_ Yes, when \_\_\_\_\_    \_\_\_\_ No

Please check one of the following:

- I am currently a high school student at \_\_\_\_\_
  - I am a high school graduate or equivalent.
  - I will be a transfer student
  - I am currently an SIUC student
  - I completed and/or will complete the Radiologic Technology program at:
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## HIGH SCHOOL(S) ATTENDED OR GED:

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High School	City	State	Year Graduated
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High School	City	State	Year Graduated
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## COLLEGE(S) ATTENDED:

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College	City	State	Dates Attended	Degree	Hours Completed
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College	City	State	Dates Attended	Degree	Hours Completed
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College	City	State	Dates Attended	Degree	Hours Completed
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I hereby certify that the information I am submitting in this application is complete and correct to the best of my knowledge.

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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.

All applicants should be aware that there are clinical requirements during 2 different semesters for radiography and additional semesters for the specializations. Clinic sites are within a six hour radius of Carbondale and it is possible that students could receive appointments outside the local area during these semesters while in the program. Students are responsible for any additional costs associated with travel or housing during these semesters.

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

**Please Initial:** \_\_\_\_\_

**In order for a student to move into their specialization (RT) in their senior year, they must pass the ARRT R.T. (R) by no later than July 3<sup>rd</sup>. If the registry is not completed and passed by this date, the student will relinquish their position in their chosen specialization.**

**Please check accept and initial if you understand and agree to this statement.**

**Accept**

**Initial:** \_\_\_\_\_



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**Mail to:**

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