

2010



Dear Prospective Radiologic Sciences Student:

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

Because of a variety of circumstances, including rules of accreditation, limitations of facilities, and faculty-student ratio, we are limited to a specific number of students. These students are chosen, by a process of selection, for admission to the program. In order to give each applicant a thorough and fair evaluation, an application procedure must be completed. Radiologic Sciences application material is 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.

Prior to participating in internships, students must undergo a “**Clinic Site Required**” criminal background check and drug screening.

If you are accepted, you must 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,

A handwritten signature in black ink that reads "Steve C. Jensen".

Steve Jensen, Ph.D.
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 accreditation 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. Persons interested in Radiologic Sciences are encouraged to begin application procedures as early as one full academic year in advance.

Advanced Placement

Applicants may petition for advanced placement. Equivalent course work from other institutions and technical/clinical credit obtained in other approved programs will be evaluated on an individual basis by the Radiologic Sciences Program Director.

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 concerning the variety of financial aid programs which are available.

For further program information contact:

Steven C. Jensen, Ph.D.
Program Director
Radiologic Sciences, MC 6615
School of Allied Health
College of Applied Sciences and Arts
Southern Illinois University
Carbondale, IL 62901
Phone: (618) 453-8882
e-mail: sjensen@siu.edu
FAX: (618) 453-7020

Michael L. Grey, M.S., R.T.(R), (MR), (CT)
MRI/CT Option
Radiologic Sciences, MC 6615
School of Allied Health
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., Advisor
Radiologic Sciences, MC 6615
School of Allied Health
College of Applied Sciences and Arts
Southern Illinois University
Carbondale, IL 62901
Phone: (618) 453-7287
e-mail: broomr@siu.edu

Karen Having, M.Ed., R.T.(R), RDMS
Diagnostic Ultrasound Option
Radiologic Sciences, MC 6615
School of Allied Health
College of Applied Sciences and Arts
Phone: (618) 453-4980
e-mail: khaving@siu.edu
FAX: (618) 453-7020

Kevin Scott Collins, B.S., R.T.(T), (CMD), RT(R)
Radiation Therapy Option
Radiologic Sciences, MC 6615
School of Allied Health
College of Applied Sciences and Arts
Phone: (618) 453-8800
e-mail: kscollin@siu.edu
FAX: (618) 453-7020



The following is a check list of those things that need to be completed.

1. _____ Apply to Southern Illinois University Carbondale.
2. _____ Have an Official copy of your transcripts sent to SIUC.
3. _____ Contact Financial Aid office at (618) 453-4334.

Once you have been accepted to SIUC

4. _____ Apply to the Radiologic Sciences program.
5. _____ Send a copy (unofficial) of your transcripts with your RADS Application.
6. _____ Make sure that all of your grades from all other colleges have been sent to SIUC.

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 Donna Colwell, Admissions Clerk, at 618-453-8869.

**RADIOLOGIC SCIENCES
BACHELOR OF SCIENCE DEGREE
COLLEGE OF APPLIED SCIENCES AND ARTS**

Recommended Radiologic Sciences Curriculum by Year

**RADIOLOGIC SCIENCES
BACHELOR OF SCIENCE DEGREE, COLLEGE OF APPLIED SCIENCES AND ARTS
(Suggested Curriculum)**

FALL SEMESTER - FRESHMAN YEAR

<u>Course</u>	
ENG 101-English Composition	3
MATH 108-Algebra or MATH 113	3
* Anatomy (1 Anatomy Course)	2
Group 2 Science	3
Humanities Group	<u>3</u>
Total	14

SPRING SEMESTER - FRESHMAN YEAR

<u>Course</u>	
ENG 102-English Comp.	3
Social Science Group	3
CHEM 106-Chem or Physics 101	3
SPCH 101-Oral Communications	3
Humanities Group	<u>3</u>
Total	15

FALL SEMESTER - SOPHOMORE YEAR

<u>Course</u>	
RAD 102-Intro to RAD	3
RAD 112-Anatomy & Positioning I	4
RAD 202-Radiographic Physics	3
Social Science Group	<u>3</u>
Total	13

SPRING SEMESTER - SOPHOMORE YEAR

<u>Course</u>	
RAD 222-Radiography Clinic I	10
Integrative Group	<u>3</u>
Total	13

SUMMER SEMESTER - SOPHOMORE YEAR

<u>Course</u>	
RAD 212-Special Procedures	2
RAD 232-Selected Systems	<u>4</u>
Total	6

FALL SEMESTER - JUNIOR YEAR

<u>Course</u>	
RAD 332-Radiography Clinic II	10
Fine Arts Group	<u>3</u>
Total	13

SPRING SEMESTER - JUNIOR YEAR

<u>Course</u>	
RAD 322 Pharmacology	3
RAD 342-Radiation Biology	3
RAD 312-Radiographic Pathology	3
RAD 352-Special Imaging Modalities	<u>4</u>
Multicultural Group	<u>4</u>
Total	13

*** Anatomy Satisfies the Human Health Group.**

MRI/CT Option	
<p>Year Four–Fall Semester</p> <p>RAD 364-3 Computed Tomography Tech. RAD 374-4 Sectional Anatomy RAD 384-4 Magnetic Resonance Imaging RAD 394-3 MRI/CT Pathology</p>	<p>Year Four–Spring Semester</p> <p>RAD 404-10 Clinical Internship I RAD 414-2 Special Studies in MRI/CT</p> <p>Year Four–Summer Semester</p> <p>RAD 424-4 MRI/CT Clinic II RAD 434-2 Seminar MRI/CT</p>
ULTRASOUND Option	
<p>Year Four–Fall Semester</p> <p>RAD 341-1 Fundamentals of Sonography RAD 351-3 Obstetric and Gynecology Sonography RAD 371-3 Abdominal Sonography RAD 381-3 Ultrasound physics & Instrumentation RAD 391-3 Sectional Anatomy Sonography</p>	<p>Year Four–Spring Semester</p> <p>RAD 401-12 Clinical Internship I</p> <p>Year Four–Summer Semester</p> <p>RAD 441-4 Clinical Internship II RAD 451-2 Seminar in Sonography</p>
RADIATION THERAPY Option	
<p>Year Four–Fall Semester</p> <p>RAD 360-2 Intro Radiation Oncology RAD 370-3 Tech & App of Radiation Therapy RAD 380-3 Physics of Radiation Therapy RAD 390-2 Oncologic Nursing RAD 400-3 Radiation Dosimetry</p>	<p>Year Four–Spring Semester</p> <p>RAD 410-10 Clinical Internship I RAD 420-3 Special Problems</p> <p>Year Four–Summer Semester</p> <p>RAD 430-4 RAD Therapy Internship II RAD 440-2 Seminar in Radiation Therapy</p>

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.14, 2010 Return to: Donna Colwell, 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 will be entering SIUC with less than 26 completed college semester hours , you must have high school transcripts and ACT scores sent to Donna Colwell, Admissions Clerk.
Current College Class Schedule Fall Semester Grades Spring class schedule	Send copies of your Fall and Spring schedules and Fall grades to Donna Colwell, Admissions Clerk no later than January 29, 2010.
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 Donna Colwell, Admissions Clerk no later than January 29, 2010.

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



Radiologic Sciences

Southern Illinois University Carbondale

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: Present Address Legal Address 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
------------------------	------

Prior to participating in 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: Donna Colwell, Admissions Clerk
School of Allied Health, MC 6615
College of Applied Sciences and Arts
Southern Illinois University
Carbondale, IL 62901
(618) 453-8869**