



Department of Cardiopulmonary and Diagnostic Sciences

School of Health Professions
University of Missouri
605 Lewis Hall, Columbia, MO 65211-4230
PHONE: (573) 882-8034, FAX: (573) 884-1490

Department Programs:

Clinical Laboratory Science Program
(573) 884-4491
Diagnostic Medical Ultrasound Program
(573) 884-2990
Nuclear Medicine Program
(573) 884-7843
Radiography Program
(573) 884-2623
Respiratory Therapy Program
(573) 882-9722

Dear Prospective Student:

The curriculum leading to the Bachelor of Health Science degree has been developed by the School of Health Professions to prepare radiographers to become leaders in the profession.

Graduation from the University of Missouri requires a minimum of 120 semester credit hours. This can be achieved in several ways.

1. Students may transfer a maximum of 64 credit hours from an accredited 2 year college with a grade of C or better
2. General education and pre-requisite courses required by MU's Radiography Degree Completion Program may be taken at any regionally accredited four year college/university with the approval of the University of Missouri radiography faculty. However, transfer credit is at the discretion of the registrar's office.
3. Those who graduated from a radiography certificate program may take challenge tests to receive credit for radiography courses. Students may take up to 14 tests for a maximum of 39 credit hours.
4. The last 30 credit hours must be completed through the School of Health Professions at the University of Missouri. This requirement may be accomplished by attending school on the Columbia campus or through on-line courses offered by MU's Radiography program. These include eight core courses and two electives.

Students applying for the degree completion program must apply to the University of Missouri in addition to the Radiography Program. When completing the University application, your intended academic major (which is found under the School of Health Professions heading) will be: 1) "Radiologic Science (not open to freshman)" for campus students or 2) "Radiologic Sciences – online completion (MU Direct) not open to freshman" for distance students. An application for the program is enclosed or you may receive an electronic version from the Director (sebacher@health.missouri.edu). Applications to the University may be found at: <http://www.missouri.edu>. University applications are only good for three semesters. If a student has not enrolled in a course at MU by that time, the application, transcripts and all accompanying information is shredded.

You will find enclosed a copy of the curriculum for the degree completion program. This information may also be found at <http://shp.missouri.edu/cpd/RS/degcomplete.php>. Do not hesitate to contact us if you need further assistance.

Sincerely,
Mary Sebacher, M.Ed., R.T.(R)
Director, Professional Studies/Continuing Education
573-882-8405
sebacher@health.missouri.edu

APPLICATION TO THE RADIOGRAPHY PROGRAM - FOR REGISTERED TECHNOLOGISTS

GENERAL INFORMATION

Radiography Program
School of Health Professions
University of Missouri
605 Lewis Hall
Columbia, MO 65211
(573) 882-8405

- NOTE: PACKET SHOULD INCLUDE:
- 1) General Information;
 - 2) Application Form;
 - 3) Curriculum Guide;
 - 4) 3 Evaluation of Applicant forms;

We strongly recommend that you make a photocopy of your completed application for your future reference or in case your **application is lost in the mail**.

I. GENERAL INFORMATION

- A. Students who apply must have graduated from an AMA accredited program in radiography.
- B. The University of Missouri provides a listing of transfer credit equivalencies for all accredited public/private colleges, universities, and community colleges in Missouri at URL https://sis.iats.missouri.edu/course_equiv/intro.cfm. Out-of-state transfer students will need to contact the Registrar's office for transfer credit equivalencies.
- C. Students who apply to the Radiography Program must have and maintain a cumulative grade point average at or above the following standards:
 - 45-59 semester credit hours - 2.25 CGPA
 - 60 and above semester credit hours - 2.50 CGPA
- D. Once accepted into the Radiography Program, a student must achieve a "C" grade or above in all required courses and earn a minimum of a 2.5 grade point average each semester. If the student does not maintain a 2.5 semester grade point average, the Radiography Program faculty will review the situation with the option to recommend dismissal.
- E. Specific information concerning fees should be obtained from the Admissions Office, 230 Jesse Hall, Columbia, MO 65211 (573-4-882-7786). Financial assistance information may be obtained through the Office of Student Financial Aid, 11 Jesse Hall (573-882-7506). Distance Learning applicants may obtain fee information from <http://mudirect.missouri.edu/apply/financial.htm>.
- F. Successful completion of this program will entitle the student to a Bachelor of Health Science - Radiologic Sciences degree.

II. APPLICATION PROCEDURE (Read all materials carefully and follow instructions)

- A. **All student applicants must:**
 1. Return the completed application to the Radiography Admissions Committee, 605 Lewis Hall, University of Missouri, Columbia, MO 65211.
 2. Distribute three *Confidential Evaluation of the Applicant* forms to individuals in **two** of the following categories: 1) supervisor or employer, 2) college professor, 3) high school teacher, 4) athletic coach, or 5) clergy. These will be sent to you with the application form. Evaluations must be received **BY THIS OFFICE DIRECTLY FROM THE EVALUATOR**.

B. Transcripts

1. **University of Missouri students** - The Admissions Committee will obtain a transcript directly from the Registrar's Office for those applicants who are attending school on the MU campus for the current Fall Semester.
2. **Non-University of Missouri students** - You must send transcripts of completed college work from **every** school attended to:
Radiography Program
605 Lewis Hall
University of Missouri
Columbia, MO 65211
3. Transcript from your Radiography Program if it is a certificate program.

III. PROCESSING APPLICATIONS

- A. The Admissions Committee will review and evaluate each applicant's packet **when it is complete**.
- B. You may telephone the Program Office if you have not received a response to your application within two (2) months.
- C. Accepted students and those not accepted will be notified by **mail**.

IV. ACCEPTANCE TO THE RADIOGRAPHY PROGRAM IS CONTINGENT UPON: Acceptance by the University (non-MU students).

- A. Applications to the University of Missouri may be found at <http://admissions.missouri.edu/howtoapply/index.php> or by contacting University of Missouri Admissions department:
Office of Admissions
230 Jesse Hall
University of Missouri
Columbia, MO 65211
Phone: 573-882-7786 or
1-800-225-6075 (toll free in Missouri, Illinois and Kansas)
- B. When completing the Academic Information, you must choose an "Intended academic major". Under the heading "School of Health Professions", choose
 1. Campus students: "Radiologic Science (not open to freshman)"

or
 2. Distance students: "Radiologic Sciences – online completion (MU Direct) not open to freshman"

We wish you success!

The Admissions Committee
Radiography Program
University of Missouri



APPLICATION TO THE MU RADIOGRAPHY PROGRAM FOR REGISTERED TECHNOLOGISTS

Full Name	(Last, First Middle Maiden)			MU Student Number	
Gender	Male <input type="checkbox"/>	Female <input type="checkbox"/>	Date of Birth	Cell Phone Number	
Local Address	(address, city, state, zip)			Telephone	
Permanent Address	(address, city, state, zip)			Telephone	
E-Mail Address	<i>Secondary E-Mail address:</i>				
Preference of study location:		<input type="checkbox"/> MU Campus		<input type="checkbox"/> Distance Learning	
Education – College(s) and/or radiography program attended					
Post Secondary, Location (town/state)	Date(s)	Post Secondary, Location (town/state)	Date(s)		
References					
Name, title, & relationship of persons sending evaluations to the committee. List and distribute three evaluation forms to individuals in two of the following categories: 1) supervisor or employer, 2) college professor, 3) high school teacher, 4) athletic coach, or 5) clergy. (Please do not give names of relatives or neighbors.)					
Name	Title	Dept.	Institution	Location	
Employment					
Employment (paid) during or following high school and college:					
Nature of Work	Location	Inclusive Dates	Total Hours		

Academic Accomplishments

Please record your ACT scores

NOTES:

ACT Composite:

English:

Math:

Reading:

Science Reasoning:

Please list your courses, course grades and credit hours for the following groups of courses. This should be based on **completed semester hours** (1 quarter hour = 2/3 semester hours) and on a **four (4) point system**.

A. Required Science Course

NOTES:

Course	Credits Required	Credit Hrs	Grade
Zoology/Biology (Lecture)	3		
Zoology/Biology (Lab)	2		
Chemistry	5		
Physics	4		
Anatomy (Lecture)	3		
Anatomy (Lab)	2		
Physiology	5		

B. Other Required Courses

NOTES:

Course	Credits Required	Credit Hrs	Grade
Composition	3		
Speech	3		
Psychology	3		
College Algebra	3		
Soc/Anthro/Econ	3		
Am Hist or Gov't	3		
Humanities	3		
Humanities	3		
Computer Sci	3		

C. Certifications Are you currently certified in **First Aid**? Yes No
 Are you currently certified in **CPR or BLS**? Yes No

Relate any circumstances which may explain a relatively low term or a decreasing term GPA:

Has your primary career goal changed recently? If so, explain.

In this space, include any additional information you feel the Radiography Admissions Committee should know as it evaluates your candidacy for this professional program.

Signature

Date

Curriculum Guide

Degree Completion Program in Radiography at MU

Students who have completed an accredited program in radiography, have successfully passed the national certifying examination administered by the American Registry of Radiologic Technologists (ARRT) and have maintained their registration in good standing with the ARRT may seek a Bachelor of Health Science degree in Radiologic Sciences Radiography from the University of Missouri in the following manner:

1. Attain a minimum of 120 semester credit hours
 - a. A maximum of 64 credit hours can be transferred from an accredited 2 year college.
 - b. Transfer credits from a regionally accredited four year college/university.
 - c. Take at least the required 30 credit hours at the University of Missouri. These must be at least 30 of the last 36 hours the student takes before receiving their degree.
 - d. A minimum of 25 of the required 30 hours make up the core curriculum for the Degree Completion in Radiography program and are listed on the following pages
 - e. The Remaining hours will be chosen from the elective courses listed on the following pages.
 - f. Students needing more courses to complete the 120 hours required for graduation will be encouraged to choose courses from the list of elective.
2. Students will meet the General Education requirements of the University of Missouri
 - a. College Algebra
 - b. English Exposition and Argumentation
 - c. Writing Intensive course(s)
 - d. American History or Government
 - e. Math Reasoning Proficiency course
 - f. Distribution Requirements
3. Students will meet University graduation requirements
 - a. Second Writing Intensive course
 - b. Capstone course in the major
 - c. Earn no less than a 2.50 GPA
 - d. Complete all other requirements listed above
4. Students will complete pre-requisite and general education course work prior to enrolling in the upper level, core Radiography and elective coursework.
 - a. With advisor approval, students may have one pre-requisite course remaining while completing the upper-level coursework.

General Education Courses

College Algebra	3 hrs		Gen Biology (lec & lab)	4-5 hrs
General Psych	3 hrs		Human Anatomy (lec & lab)	4-5 hrs
Exposition	3 hrs		Human Physiology (lec & lab)	4-5 hrs
Amer. History or Amer. Govern.	3 hrs		Gen Chemistry (lec & lab)	4-5 hrs
Intro to Speech	3 hrs		College Physics I * (lec & lab)	4-5 hrs
Behav/Soc Stud**	3 hrs		Humanities**	9 hrs

*Math Reasoning Proficiency Course – College Algebra must be listed as a prerequisite. This requirement can be met by taking MU’s Educational Statistics course in place of Physics.

**One course in each of these areas must be at the 2,000 or higher level.

Associate Degree Applicants

According to University policy, a student may not transfer more than 64 credit hours from a 2 year college; therefore, many students receiving an Associate’s Degree in Radiography will not be able to transfer all of the credit they have received.

Certificate Program Applicants

There have been some changes made regarding the way the University of Missouri will award college credit for courses in radiography to students who graduated from certificate programs. Because college credit is not associated with certificate course work, graduates of certificate programs must take challenge tests to receive credit for their radiography mastery. Students may take up to 14 challenge exams for a maximum of 39 credit hours.

In order to sit for challenge exams, the student must:

- Be accepted by MU
- Be accepted by the Radiography Program
- Have completed less than 90 semester credit hours
- Once 90 credit hours have been achieved, students may not take additional challenge tests
- Be enrolled in at least 1 MU class

A score of 75% or greater is required to receive credit. Students are encouraged to begin taking the tests as soon as possible.

Courses Which Will Apply Towards the Required 30 hrs.

The first group of courses listed below are Core Courses for the Radiography Program. Students in the Radiography Degree Completion Distance Program will take eight courses from that group. The student may take either MRI Physics & Procedures or CT Physics & Procedures. They will not be required to take both, but can if they so choose. The second group of courses are Elective Courses. Every student will have to take at least two elective courses from those listed below.

The courses listed below will allow the students to gain the depth and breadth of knowledge in Radiologic Sciences that they did not receive in previous course work. They also provide students with educational experiences that will expand their creative thinking and problem solving skills. The faculty believe this will prepare students for upper level positions in the current complex health care system including all aspects of Medical Imaging, whether it be in patient care, management, education, research or sales/marketing. This curriculum will also allow students to pursue advanced educational opportunities.

CORE COURSES FOR DISTANCE DEGREE COMPLETION

CPD3460	Cardio Apps (3) (spring)
CPD4480	Clinical Ethics (3) (fall, spring)
CPD4955	Intro to Research (3) WI (fall, spring)
CPD4985	Organiz & Administration (3) WI Cap (fall)
RS3150	Rad Pharmacology (3) (summer, fall, spring)
RS4110	Sectional Anatomy (3) (fall)
RS 4140	MRI Physics & Proc (5) (spring)

Or

RS4150	CT Physics & Proc (5) (spring)
RS4220	Community Health Ed (3-6) (fall)

Elective Courses

RS4140	MRI Physics & Proc (5)
RS4150	CT Physics & Proc (5)
RS4946	Advanced Med Imaging Externship (3)

RS4085	Problems in Medical Imaging (1-3)
HP4300	Health Care in US (3)
HP3300	Public Health Principles & Practice (3)
ESCPS4115	Human Learning (3)
ESCPS4170	Educational Statistics (3)
ESCPS4087	Experiencing Cultural Diversity in US (3)*
Soc3440	Sociology of Health (3)*
Soc4210	Sociology of Aging (3)*
CPD4500	Bioterrorism in Healthcare (1)
NuEng4330	Science and Technology of Terrorism and Counter Terrorism (3)

*These will be available when they are offered via internet.



Degree Completion Program for Registered Technologists
Confidential Evaluation of Applicant
Radiography Program
University of Missouri-Columbia

Applicant's Name _____ Date _____

The above has applied for admission to the Radiography Program at the University of Missouri-Columbia and has given your name as a reference. Place an (X) in each category where it best describes this applicant. All information will be kept in confidence.

1. Industry: Willingness to work; work habits; zeal; perseverance

- Lazy; little or no effort Seldom completes work Ordinarily completes work Occasionally does extra work Does extra work gladly

2. Thoroughness: Accuracy; carefulness; definiteness; exactness

- Careless; work is always incomplete Expresses ideas carelessly, inaccurately Work generally completed and reasonably accurate Careful work; accurate Very careful and thorough

3. Initiative: Intellectual curiosity; originality; willingness to attempt new ideas; asks questions; shows interest

- Never tries anything new Seldom originates any work; follower Sometimes attempts new ideas Often initiates undertakings Marked ability to think independently; carries out ideas

4. Reliability: Dependability; good judgment; honesty; ability to get along without supervision

- Dishonest; neglects obligations Often needs supervision Has to be prompted; sometimes reliable Usually assumes obligations Thoroughly dependable

5. Cooperation: Ability to get along with others; adaptable; tactful; agreeable; cheerful

- Disagreeable; neglects obligation Slow to respond; not willing to help Tends to be agreeable and willing to help Does well in team work; agreeable Always willing to help others

6. Emotional Control: Poise; ability to handle stress

- Very poor control of emotions Occasionally loses self-control Fairly well-balanced; good control Well-balanced; poised Unusual poise

7. Intellectual Capacity: Intelligence; natural ability to succeed in academic effort

- Very slow to learn; lowest fifth Needs to make extra effort to keep up Average intelligence Quick to grasp subject Gifted; highest fifth

8. Recommendation: Based on the ratings on this form, this applicant is:

- Not recommended Recommended with reservations Recommended Recommended with confidence Very highly recommended

How long have you known this applicant?

In what capacity have you been associated with this applicant?

Comments:

Evaluator's Name:
Title:
Evaluator's Mailing Address:
Phone:
E-mail:

PLEASE RETURN THIS FORM TO:

Radiography Program
University of Missouri-Columbia
605 Lewis Hall
Columbia MO 65211-4230

For the applicant to be considered for admission this form **must** be received by **February 1st**.

Thank you!



Degree Completion Program for Registered Technologists
Confidential Evaluation of Applicant
Radiography Program
University of Missouri-Columbia

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Degree Completion Program for Registered Technologists
Confidential Evaluation of Applicant
Radiography Program
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