

**FORT HAYS STATE UNIVERSITY
DEPARTMENT OF ALLIED HEALTH
ONLINE MEDICAL DIAGNOSTIC IMAGING PROGRAM**

Fort Hays State University is the only university in Kansas that offers a Bachelor of Science Degree in Medical Diagnostic Imaging. The Online Medical Diagnostic Imaging Program is designed to provide radiologic technologists and Radiography students with competency in additional modalities. Many clinics and hospitals are seeking individuals with experience in more than one specialty area. The Medical Diagnostic Imaging (MDI) coursework will allow students to increase their knowledge and skills in these specialty areas, expand their job opportunities, and assist in obtaining advanced certifications.

The following specialty modality areas are offered within the Medical Diagnostic Imaging major: Magnetic Resonance Imaging (MRI), Computed Tomography (CT), Mammography (M), Cardiovascular Interventional Technology (CVIT), and Bone Densitometry (BD).

As a student and as a technologist, you work very closely with physicians and other healthcare providers. The MDI courses will emphasize a thorough understanding of patient care, system operation during routine and emergency imaging situations, image quality, and clinical experience. In all of the program courses, student enrollment is limited to ensure quality experiences for each student and to encourage interaction between student and faculty.

CURRICULUM

Upon admission to the MDI Program, each student will work cooperatively with the on-line Bachelor's degree advisor to develop a course of study tailored to individual interests. The program of study will include Imaging courses and could include any requisite general education credits a student is deficient.

CAREERS

Employment for you is abundant throughout our region and starting salaries are quite good. Competence and skill in more than one diagnostic imaging modality will enable you to pursue a wider variety of jobs and compete for higher salaries.

Most of our graduates are employed to staff diagnostic imaging departments in hospitals, but you may seek employment in clinics, physician's offices, mobile diagnostic imaging units and industrial health-care facilities.

ELIGIBILITY FOR THE PROGRAM

Students must be in good academic standing in an accredited Radiologic Technology Program, or, have completed an accredited Radiologic Technology Program to be considered eligible for the Online Medical Diagnostic Imaging Program. To be considered academically qualified, all cognate and recommended course requirements must be completed with a minimum grade point average of 2.75. FHSU offers credit for up to 46 credit hours for previous radiologic technology training at non-degree sponsoring institutions to be used to partially fulfill the requirements for a bachelor's degree. Registered radiographers can now complete their bachelor's degree in an area that will pertain to their current work and career interests.

FINANCIAL ASSISTANCE

In addition to general scholarships available, there are also scholarships offered to outstanding medical diagnostic imaging students. The forms for financial assistance are available through the office of Student Fiscal Services.

ONLINE BACHELOR OF SCIENCE MEDICAL DIAGNOSTIC IMAGING

The Online Bachelor's Degree in Medical Diagnostic Imaging requires a minimum of 124 credit hours, which includes cognate, general education, major elective and free elective credits.

Students must achieve a "C" or better in all cognate courses as well as maintain a minimum overall GPA of 2.75 before being eligible for the major elective courses.

<u>COGNATE COURSES</u>	<u>CREDIT HOURS</u>
BIOL 100 Human Biology	3
BIOL 102 Laboratory Experience in Biology	1
BIOL 245 Medical Terminology	2
BIOL 230/230L Human Anatomy & Physiology I & Lab	4
BIOL 231/231L Human Anatomy & Physiology II & Lab	4

GENERAL EDUCATION REQUIREMENTS

As required by the university: 55 hours general education requirement or transfer articulation course completion requirements if transferring in an Associate's degree from another institution.

MAJOR ELECTIVE COURSES

Students must successfully complete a minimum of 30 credit hours from the following list of courses:

COURSE #	COURSE TITLE	CR HRS	SEMESTER OFFERED
MDI 410VA	Cross-Sectional Anatomy: Normal	4	Spring/Fall
MDI 411VA	Sectional Pathology & Variant Anatomy	4	Fall/Spring
MDI 412VA	Computed Tomography Procedures	4	Fall
MDI 413VA	Computed Tomography Physics & Instrumentation	4	Spring
MDI 417VA	Magnetic Resonance Imaging Physics & Instrumentation	4	Fall
MDI 419	Mammography for Radiologic Technologists (1 week course the 1 st full week of the Spring semester)	4	Spring
MDI 420VA	Leadership & Management in Radiology	3	Spring
MDI 422VA	Advanced Patient Care for Imaging Professionals	2	Summer
MDI 422VA	Advanced Patient Care for Imaging Professionals (1 st 8 weeks of semester)	2	Fall
MDI 423VA	Bone Densitometry Techniques	2	Summer
MDI 424VA	Advanced Mammography (2 nd 8 weeks of semester)	2	Spring
MDI 426VA	Advanced Cardiovascular-Interventional Technology	4	Spring
MDI 427VA	Cardiovascular Pathology & Case Review	4	Fall
MDI 428 VA	Principles of Diagnostic Medical Sonography	4	Spring
MDI 429VA	Digital Radiography (1 st 8 weeks of semester)	2	Fall
MDI 430VA	PACS Administration (2 nd 8 weeks of semester)	2	Fall
MDI 432VA	Managing Change in Healthcare	4	Spring
MDI 431VA	MRI Procedures	4	Spring
MDI 472VD	Emerging Issues in Healthcare Administration	4	Fall

*V - indicates Virtual Course Offering

FREE ELECTIVES

Variable

ACADEMIC STANDARD IN PROFESSIONAL MAJOR ELECTIVE COURSES

If a student does not enroll in an MDI major course for a fall or spring semester, in order to continue in the program, the re-entry form to the university must be completed which can be found at <https://www.fhsu.edu/admissions/re-entrystudents/>.

Students that score below the “C” required in all final grades of MDI major courses will be immediately placed on probationary status within the MDI Program. The student will be allowed to enroll in one more MDI major course, and must earn a grade of “C” or above in order to be removed from probationary status.

Due to scheduling conflicts, the student will not be required to enroll in the course they did not pass immediately, but they must obtain permission from the instructor before enrolling in their **next** course. If the student is unable to pass the probationary course, the student will be removed from the program. The student must also retake the class in which he/she received a grade below a “C” at the next offering and pass with a score of “C” or higher.

Disclaimer – All information provided has been prepared as correctly and accurately as possible at the time of preparation. This information does not constitute a contract between Fort Hays State University and any person. Further, the university reserves the right to make changes in the content of this information without obligation or requirement of notices to any person.

2/21/17

**FORT HAYS STATE UNIVERSITY
DEPARTMENT OF ALLIED HEALTH
ONLINE B.S. IN MEDICAL DIAGNOSTIC IMAGING**

APPLICATION FORM

ELIGIBILITY REQUIREMENTS

1. Must have earned an Associate's Degree or certificate in Radiologic Technology from an accredited program or be currently enrolled and in good academic standing in an accredited Radiography program
2. Must have earned a cumulative college GPA of 2.75 or higher (on a 4.0 scale)
3. Must be registered and in good standing with the ARRT

Please use the checklist on the **next page to ensure** that you submit a complete application file. Your application for admission will not be reviewed until your file is complete.

CONTACT INFORMATION

Full Name: _____

Social Security # (required): _____ ARRT Card # (required): _____

Mailing Address: _____

City/State/Zip: _____

Phone: _____ Email: _____

EDUCATION

Please list **ALL** colleges or radiologic technology schools you are and/or have attended. It is **critical to your application** that this information is complete and that official transcripts are submitted for **EACH** institution.

	Name of Institution, City, State	Dates of Attendance
Current College(s) Enrollment	_____	_____
	_____	_____
	_____	_____
	_____	_____
Previous College(s) Attended	_____	_____
	_____	_____
	_____	_____
	_____	_____

PERSONAL STATEMENT

Using a separate sheet of paper, please submit a Statement of Interest regarding your reasons for applying to the Online B.S. in Medical Diagnostic Imaging at Fort Hays State University.

APPLICATION CHECKLIST:

Completed and signed application for admission to Online BS Program enclosed

Statement of Interest enclosed

Copy of ARRT card or letter from program faculty to validate program enrollment if currently in a Radiography program

Notice of Non-discrimination: Fort Hays State University does not discriminate on the basis of gender, race, religion, national origin, color, age, marital status, sexual orientation, disability or veteran status in its educational programs, employment and all other activities. The director of affirmative action, coordinator of Title IX, Title VI, Section 504 and ADA regulations may be contacted at 600 Park Street, Hays, KS 67601-4099, 785-628-4033.

I verify that the information given on this form is true and correct. I give my permission to verify any of the information I have provided.

Signature: _____

Date: _____

SUBMIT YOUR APPLICATION MATERIALS TO:

**FORT HAYS STATE UNIVERSITY
DEPARTMENT OF ALLIED HEALTH – CH 129
ONLINE BS DEGREE PROGRAM COORDINATOR
600 PARK STREET
HAYS, KS 67601-4099**