



## SALEM

FALL SEMESTER 2022

INFORMATION/ APPLICATION PACKET  
BACHELOR of RADIOLOGIC and IMAGING SCIENCES  
TECHNOLOGY DEGREE

### DIAGNOSTIC MEDICAL SONOGRAPHY



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Program Web Page: <https://www.kent.edu/columbiana/dms-or-ultrasound>

# THE BACHELOR IN RADIOLOGIC AND IMAGING SCIENCES TECHNOLOGY DEGREE IN DIAGNOSTIC MEDICAL SONOGRAPHY

This degree is only offered at the Salem Campus of Kent State University. The program is offered during daytime hours and includes academic and clinical education for five days a week.

## **OPTIONS AVAILABLE FOR ACCEPTANCE INTO IN DIAGNOSTIC MEDICAL SONOGRAPHY PROGRAM**

- Option 1: Radiologic Technology Associate Degree program followed by Kent Core courses & 5 semesters of Diagnostic Medical Sonography Courses
- Option 2: Three years of general courses including Kent Core Requirement courses followed by five semesters of Diagnostic Medical Sonography courses.
- Option 3: Hospital-based Radiologic Technology program, completion of Associate Degree in Technical Studies followed by five semesters of Diagnostic Medical Sonography courses.

## DIAGNOSTIC MEDICAL SONOGRAPHY

According to the American Medical Association's Health Professions Career and Education Directory, the diagnostic medical sonographer provides patient services using medical ultrasound (high frequency sound waves that produce images of internal structures). Working under the supervision of a physician responsible for the use and interpretation of ultrasound procedures, the sonographer helps gather sonographic data to diagnose a variety of conditions and diseases, as well as monitor fetal development.

The sonographer provides patient services in a variety of medical settings in which the physician is responsible for the use and interpretation of ultrasound procedures. In assisting physicians in gathering sonographic data, the diagnostic medical sonographer is able to obtain, review, and integrate pertinent patient history and supporting clinical data to facilitate optimum diagnostic results; perform appropriate procedures and record anatomical, pathological, and/or physiological data for interpretation by a physician; record and process sonographic data and other pertinent observations made during the procedure for presentation to the interpreting physician; exercise discretion and judgment in the performance of sonographic services; provide patient education related to medical ultrasound and promote principles of good health.

Sonographers may be employed in hospitals, clinics, private offices, and industry. Career options include education, research, sales and administration.

## MISSION STATEMENT of DIAGNOSTIC MEDICAL SONOGRAPHY

The mission of the Diagnostic Medical Sonography program at Kent State University is to educate diagnostic medical sonography students in the knowledge, skills and attitudes to become qualified, competent professional practitioners who provide quality service and care to the community and to prepare students for the changing needs of the profession. Kent State University transforms lives and communities through the power of discovery, learning and creative expression in an inclusive environment.

### GOALS OF THE DIAGNOSTIC MEDICAL SONOGRAPHY PROGRAM

1. Students will be able to effectively utilize critical thinking and problem-solving skills in the practice of Diagnostic Medical Sonography.
2. Students will be able to effectively communicate in oral and written form with patients, customers, and all members of the health care team.
3. Students will be able to successfully perform Diagnostic Medical Sonography procedures consistent with entry-level requirements.
4. Students will be able to determine the value of professional growth and development and conduct themselves in a professional manner.

### PROGRAM EFFECTIVENESS DATA

Year	ARDMS Exam Pass Rate (number of graduates taking and passing exam/ earning credential when taken within 12 months of graduation)			Job Placement Rate (when seeking employment within 12 months of graduation)	Program completion rate (# graduates in cohort) (# students initially in cohort) RETENTION RATE
	SPI (Physics)	Abdomen	OB/GYN		
2019-2020	100% (8/8)	100% (8/8)	100% (8/8)	100% (8/8)	80% (8/10)
2018-2019	100% (10/10)	100% (8/8)	100% (3/3)	100%	100% (10/10)
2017-2018	100% (8/8)	6/6 (100%)	100% (2/2)	100%	80% (8/10)
2016-2017	100% (10/10)	100% (10/10)	100% (8/8)	100%	100% (10/10)
2015-2016	100% (8/8)	100% (8/8)	100% (3/3)	100%	80% (8/10)
5 year average (2015-2020)	100%	100 %	100 %	100 %	88 %

### **Option 1: Radiologic Technology → Diagnostic Medical Sonography**

- ❖ Completion of an accredited associate degree radiologic technology program and American Registry of Radiologic Technologists (ARRT) certification in radiography. Students who graduated from hospital-based radiologic technology programs will need to complete an associate degree in technical studies prior to application to the diagnostic medical sonography program. **(Option 3)**
- ❖ Kent Core Requirement courses —37-38 semester hours. Should include one global diversity and one domestic diversity course. See KSU catalog for list of Kent Core Requirements and diversity courses.  
Some of the following courses are completed in the Associate of Applied Science degree: Radiologic Technology
  - 6 semester hours: College Writing I and II
  - 4-5 semester hours: Math: Modeling Algebra (4) or Modeling Algebra Plus (5)
  - 9 semester hours: Humanities and Fine Arts
  - 6 semester hours: Social Sciences to include General Psychology
  - 6 semester hours: Sciences (Foundational Anatomy & Physiology I & II)
  - 6 semester hours: Additional KC: Fundamentals of Chemistry and one other Kent Core course
- ❖ Completion of ASSOCIATE OF APPLIED SCIENCE DEGREE IN RADT (RADT curriculum can be viewed at <http://catalog.kent.edu/colleges/ap/radiologic-technology-aas/#programrequirements>)
- ❖ Completion of Diagnostic Medical Sonography courses (44 hours) in the senior year (see page 6 for DMS courses)

**Students must apply in their junior year and must be accepted into the Diagnostic Medical Sonography program.**

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### **Option 2: Diagnostic Medical Sonography Only Pathway (No previous radiologic technology education required in option 2)**

**The first three years consist of the following courses:**

- ❖ 1 semester hour of US 10097 Destination Kent FYE
- ❖ Kent Core Requirement courses. Kent Core Requirement should include one global and one domestic diversity course. See KSU catalog for list of Kent Core Requirement and diversity courses.
  - 6 semester hours of College Writing I and II
  - 4-5 semester hours of Math: Modeling Algebra (4) or Modeling Algebra Plus (5)
  - 9 semester hours of Humanities and Fine Arts
  - 6 semester hours of Social Sciences to include General Psychology
  - 6 semester hours of any Kent Core Requirement courses
  - 6 semester hours of Science to include:
    - BSCI 21010 Anatomy & Physiology I - 4 semester hours
    - BSCI 21020 Anatomy & Physiology II - 4 semester hours
    - PHY 13001 General College Physics I -4 semester hours & PHY 13021 Physics Lab I- 1 hr.
    - OR PHY 12111 Physics for Health Technologies -3 hours + 1 additional Basic Science course
- ❖ 3 semester hours of HED 14020 Medical Terminology
- ❖ 3 semester hours of COMT 11000 Introduction to Computers (or CS 10001 or CIS 24053)
- ❖ 30 semester hours of lower division electives
- ❖ Completion of Diagnostic Medical Sonography courses (45 hours) in the senior year (see page 6 for DMS courses)

**Students must apply in their junior year and must be accepted into the Diagnostic Medical Sonography program.**

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### **Option 3: Hospital - Based Radiologic Technology→ Diagnostic Medical Sonography**

- ❖ Students who graduated from hospital-based radiologic technology programs will need to complete an associate degree in technical studies prior to application to the diagnostic medical sonography program.
- ❖ Contact Jan Gibson at (330) 337-4223 for academic advising.

**RELATED COURSES FOR OPTION II**

IT	11000 Introduction to Office Prod Apps. ....	3
Or CIS	24053 Introduction to Computer Applications. ....	3
Or CS	10001 Computer Literacy .....	3
HED	14020 Medical Terminology .....	3
PHY	12111 Physics for Health Tech .....	3

**UNIVERSITY REQUIREMENT** (not required of transfer students with 25 credit hours or students age 21+ at time of admission)

US	10097 Destination Kent First Year Experience .....	1
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**COMPOSITION (6 hours)**

ENG	11011 College Writing I .....	3 OR
ENG	11022 College Writing I-Stretch .....	3
ENG	21011 College Writing II .....	3
HONR	10197[297] Freshman Honors Colloquium I, II (each) 4	

**MATHEMATICS (3-4 hours)**

MATH	10772 Modeling Algebra Plus .....	.5
MATH	10774 Algebra for Calculus Stretch II. ....	.3
MATH	10775 Algebra for Calculus Plus. ....	.4
MATH	11009 Modeling Algebra .....	.4
MATH	11010 Algebra for Calculus .....	.3

**HUMANITIES AND FINE ARTS (9 hours)**

*At least one course must be from the Humanities in the Art and Science area, and at least one course must be from Fine Arts*

**HUMANITIES IN ARTS AND SCIENCES**

AFS	G 23001 Black Experience I: Beginnings to 1865 ....	.3
AFS	D 23002 Black Experience II: 1865 to Present .....	.3
CLAS	G 21404 The Greek Achievement .....	.3
CLAS	G 21405 The Roman Achievement .....	.3
ENG	21054 Introduction to Shakespeare .....	.3
ENG	22071 Great Books to 1700 .....	.3
ENG	22072 Great Books since 1700 .....	.3
ENG	22073 Major Modern Writers: British and US .....	.3
HIST	G 11050 World History: Ancient and Medieval .....	.3
HIST	G 11051 World History: Modern .....	.3
HIST	D 12070 Early America .....	.3
HIST	D 12071 Modern America .....	.3
PHIL	G 11001 Introduction to Philosophy .....	.3
PHIL	G 21001 Introduction to Ethics .....	.3
REL	G 11020 Introduction to World Religions .....	.3
REL	G 21021 Comparative Religion .....	.3

**HUMANITIES IN COMMUNICATION AND INFORMATION**

COMM	26000 Criticism of Public Discourse .....	3
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**FINE ARTS IN FINE AND PROFESSIONAL ARTS**

ARCH	10001 Understanding Architecture .....	.3
ARCH	10011[2] Global Architectural History I, II .....	(each) 3
ARTH	12001 Art as a World Phenomenon .....	.3
ARTH	22006 Art History I: Ancient and Medieval Art .....	.3
ARTH	22007 Art History II: Renaissance to Modern Art .....	.3
ARTH	G 22020 Art of Africa, Oceania, and the Americas .....	.3
DAN	G 27076 Dance as an Art Form .....	.3
MUS	22111 The Understanding of Music .....	.3
MUS	G 22121 Music as a World Phenomenon .....	.3
THEA	G 11000 The Art of the Theatre .....	.3

**NOTE:** *Students must complete a two-course diversity requirement, consisting of one course with a domestic (D) focus and one with a global (G) focus.*

KENT CORE also available online at

<http://catalog.kent.edu/undergraduate-university-requirements/kent-core/>

**SOCIAL SCIENCES (6 hours)**

PSYC	D 11762 General Psychology .....	3
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*Select 1 course from the Kent Core Requirement in a discipline area other than Psychology*

ANTH	G 18210 Global Cultural Diversity:Anthropologic Perspective.3	
ANTH	G 18420 Introduction to Archaeology: .....	.3
CACM	D 11001 Introduction to Conflict Management .....	.3
CRIM	26704 Issues in Law and Society .....	.3
ECON	22060 Principles of Microeconomics .....	.3
ECON	22061 Principles of Macroeconomics .....	.3
GEOG	10160 Introduction to Geography .....	.3
GEOG	G 17063 World Geography .....	.3
GEOG	D 17064 Geography of the US and Canada .....	.3
GEOG	G 22061 Human Geography .....	.3
GERO	D 14029 Introduction to Gerontology .....	.3
MDJ	D 20001 Media, Power and Culture .....	.3
PACS	D 11001 Introduction to Conflict Management .....	.3
POL	G 10004 Comparative Politics .....	.3
POL	D 10100 American Politics .....	.3
POL	G 10500 World Politics .....	.3
SOC	D 12050 Introduction to Sociology .....	.3
SOC	G 22778 Social Problems .....	.3

**BASIC SCIENCES (6-8 hours)**

**For DMS Option I (RADT + DMS)**

CHEM	10050 Fundamentals of Chemistry .....	3 or
CHEM	10055 Molecules of Life .....	.3
BSCI	10010[20] Foundational Anat Phys I, II. ....	(each) 3

**For DMS-Option II (AS or Freshman Entry)**

BSCI	21010, 20120 Anatomy and Physiology I & II.....	(each) 4
	<b>and Choose from one other Kent Core Science</b>	3

**OTHER KENT CORE SCIENCE COURSES**

ANTH	18630 Human Evolution .....	.3
BSCI	10001 Human Biology .....	.3
BSCI	10002 Life on Planet Earth .....	.3
BSCI	10110[20] Biological Diversity, Foundations. ....	(each) 4
BSCI	20020 Biological Structure and Function .....	.5
BSCI	20020 Biological Structure and Function .....	.5
CHEM	10030 Chemistry in Our World .....	.3
CHEM	10031 Chemistry in Our World Lab. ....	.1
CHEM	10050 Fundamentals of Chemistry .....	.3
CHEM	10055 Molecules of Life .....	.3
CHEM	10052 Introduction to Organic Chemistry .....	.2
CHEM	10053 Inorganic and Organic Lab (Co-requisite 10052) ..	.1
CHEM	10060[61] Gen Chemistry I,II.....	(each)4
GEOG	21062 Physical Geography .....	.3
GEOL	11040 How the Earth Works .....	.3
GEOL	11041 How the Earth Works Lab) .....	.1
GEOL	11042 Earth & Life Through Time.....	.3
GEOL	11043 Earth & Life Through Time Lab .....	.1
GEOL	21062 Environmental Earth Science .....	.3
GEOL	21080 All about the Oceans .....	.3
NUTR	23511 Science of Human Nutrition.....	.3
PHY	11030 Seven Ideas that Shook the Universe .....	.3
PHY	12201[2] Technical Physics I, II .....	.3, 4
PHY	13001[2] General College Physics I, II .....	(each) 5
PHY	13011[2] College Physics I, II .....	(each) 3
PHY	21040 Physics in Entertainment and the Arts .....	.3
PHY	21041 Physics in Entertainment and the Arts Lab .....	.1
PHY	21430 Frontiers in Astronomy. ....	.3
PHY	21431 Frontiers in Astronomy Lab .....	.1
PHY	21431 Frontiers in Astronomy Lab .....	.1
PHY	23101, 231-2 General University Physics II, II .....	(each) 5

**ADDITIONAL (6 hours)**

Can include COMM 15000, PHIL 11009, MATH 11022, MATH 12001		
_____	_____	3
_____	_____	3

## DIAGNOSTIC MEDICAL SONOGRAPHY PROGRAM COURSE SEQUENCE

Semester	Course Number	Course Name	Semester Hours	Days
Pre-program Summer I	RIS 34001	Introduction to DMS (Option 2 only)	1	M T R
First Year Fall Semester	RIS 34040	Patient Management in DMS	3	F
	RIS 34083	Sectional Anatomy	3	T R
	RIS 34042	Abdominal Sonography I	3	T R
	RIS 34044	Ultrasound Physics	3	T R
	RIS 34045	US Clinical Education I	2	M W F
		Total	14	
First Year Spring Semester	RIS 34052	Abdominal Sonography II	3	T R
	RIS 34060	US Clinical Education II	4	M W F
		US Clinical Education II lab		T R
	RIS 34062	OB-GYN I	3	T R
	RIS 44083	Pathophysiology for Imaging Science	3	online
	RIS 44098	Research in Medical Imaging	3	online
		Total	16	
Summer (10 weeks)	RIS 34075	US Clinical Education III	2	M W F
		Total	2	
Summer II (8 weeks)	RIS 44072	OB-GYN II	3	T R
		Total	3	
Summer III Semester (5 weeks)	RIS 34072	Superficial Structures Sonography	2	T R
	RIS 44084	Ultrasound Image Evaluation	1	T R
		Total	3	
Second Yr. Fall Semester	RIS 44074	Vascular Sonography	2	M
	RIS 44076	US Clinical Education IV	4	T W R F
	RIS 44078	Sonographic Techniques (elective)	(3)	M
		Total	6 (9)	

### Clinical Education Site Placement

Students are assigned to clinical education centers in northeastern Ohio by the program faculty. Each student will have at least two (2) clinical education center placements to ensure exposure to a variety of sonographic procedures. Program faculty will determine clinical education site placement for accepted students.

### Certification after Graduation

Students sit for a portion of the national certification examination, American Registry of Diagnostic Medical Sonography (ARDMS) Sonographic Principles and Instrumentation (SPI) exam, during the final semester of the program. After successful completion of all degree requirements, graduates of the Diagnostic Medical Sonography program are eligible to take the ARDMS examinations in the specialty areas of Abdomen and Obstetrics/Gynecology.

Students who have been **convicted of a misdemeanor or felony crime** may not be able to take a certification examination. Candidate eligibility is determined by the ARDMS. An inquiry into the pre-application determination of eligibility process should be started as soon as possible. This process can take 30 days to six months, and should be completed prior to beginning junior year coursework. Information is available at <http://www.ardms.org/Discover-ARDMS/compliance/Pages/default.aspx>

## DIAGNOSTIC MEDICAL SONOGRAPHY PROGRAM ADMISSION REQUIREMENTS

**(Must be completed by the end of the spring semester 2022 unless otherwise noted)**

1. \_\_\_\_\_ Grade Point Average: Applicants must have **minimum** 2.75 cumulative GPA (from all college coursework) at application submission and **must maintain** 2.75 GPA at end of spring semester 2022
2. \_\_\_\_\_ College Algebra with a grade of “C” or better
3. \_\_\_\_\_ Anatomy & Physiology I & II or Structure and Function with a grade of “C” or better
4. \_\_\_\_\_ Physics with a grade of “C” or better (see option 1 or 2 for physics requirements)
5. \_\_\_\_\_ Completion of the majority of Kent Core Requirement and Diversity courses
6. \_\_\_\_\_ Completion of medical terminology with a grade of “C” or better prior to program start fall 2022
7. \_\_\_\_\_ Completion of computer course prior to program start fall 2022
8. \_\_\_\_\_ Completion of electives for option 2 applicants prior to program start fall 2022
9. \_\_\_\_\_ One math, one biology and the medical terminology courses must have been completed within the last 7 years or these courses must be repeated by the end of spring semester 2022. Any applicant currently working in the medical profession (with appropriate documentation) is exempt from the 7 year rule for medical terminology.

### ADMISSION PROCESS

**Applicants should read all of the information in the RIS application packet and make sure that all prerequisites and requirements of the RIS degree are met. The application process includes:**

1. \_\_\_\_\_ **Apply to Kent State University – Salem Campus** and submit the application fee. Select **BRIT** (Radiologic Imaging Technology) as your Planned Course of Study. ***If you are currently attending or have previously attended Kent and have not attended any other university since***, you do not need to complete this step. The RIS courses are only offered at the Salem Campus but students may take all other courses at any of the 8 KSU campuses.
2. \_\_\_\_\_ Request **official transcripts** from your high school and all universities or colleges attended (other than Kent State University) be sent directly from those schools to Kent Salem. *(This is only necessary if you are applying to Kent State University for the first time.)* All transcripts must be received prior to **April 1<sup>st</sup>** of the year in which you are applying. It is the applicant’s responsibility to ensure that all transcripts have been received prior to the application deadline. Kent State University evaluates student transcripts to determine transfer credit.
3. \_\_\_\_\_ Once you are admitted to Kent State University and your transcripts are evaluated, you may be required to complete the **Basic Skill Assessment Test (COMPASS/ALEKS)**. The test assesses reading, writing and math skills to determine placement in courses at Kent State University. Testing may not be required if University requirements have been fulfilled. ACT scores are also reviewed.
4. \_\_\_\_\_ If prerequisites and requirements have been met, submit the **shadowing documentation** (pages 13-14 of this packet) and complete the **online application** and when achieving JUNIOR STATUS or beyond.
5. \_\_\_\_\_ Carefully read the **Technical Standards**
6. \_\_\_\_\_ **The deadline for submitting all portions of the application to the Diagnostic Medical Sonography Program is April 1<sup>st</sup>, 2022.** If choosing Option 1, you must be a graduate of an associate degree program in Radiologic Technology or must be graduating from such a program prior to fall semester 2022 *and* must complete remaining Kent Core Requirement and electives.

## INTERVIEW AND APPLICANT SELECTION PROCESS

1. Pursuant to Federal Regulations and State Law, Kent State University is committed to providing all persons equal access to its programs, facilities, employment, and investigation of alleged complaints of discrimination without regard to race, color, religion, age, gender, sexual orientation, national origin, disability, or identification as a disabled veteran or veteran of the Vietnam era.
2. The admissions committee of the Diagnostic Medical Sonography Program will review applications and transcripts received by April 1, 2022. The Diagnostic Medical Sonography program is a **selective admission program**. Completion of the minimum requirements does not guarantee acceptance into the program. Declaring BRIT (RIS) as a major does not guarantee acceptance into the program.
3. The top 25 applicants will be interviewed in April and May. The application process is based on a point system. Points are derived from college coursework (see below), interviews, and previous health care experience. Final spring semester grades for courses in progress during the application process will be included in point assessment.
4. **Points** are assigned to each applicant that meets the requirements based on the following:
  - a. Cumulative GPA (from all college coursework) and total number of college course hours completed—more points are awarded for those with higher GPA and higher total number of course hours
  - b. Final grades in courses below are awarded points as follows:  
**A = 4 points, B = 3 points, C = 1 point, D or F = 0 points.**
    - 1) Algebra (MATH 11009 or MATH 10772) plus one additional higher level math
    - 2) Anatomy and Physiology I & II plus up to two additional biology courses
    - 3) College Physics (PHY 13001 & 13021) or Physics for Health Technologies (PHY 12111) or Radiologic Physics (RADT 24016) plus one additional physics course
    - 4) One chemistry course (CHEM 10050 or CHEM 10055 or higher)
  - c. Grades will be averaged for courses that have been repeated.
  - d. Due to the importance of communication skills in the role of a practicing sonographer, students must display effective communication throughout the application process to be accepted.
5. The final selection of accepted students will be completed by June 1, 2022. All interviewed applicants will be notified by mail of their status. Several alternates are chosen to replace any applicant who does not accept placement into the program. Alternates may only replace an applicant up until the commencement of fall semester classes. Students who are accepted into the program must begin the coursework in fall semester due to the sequence of courses for the degree. All Kent Core Requirement and electives need to be completed prior to the start of fall semester.
6. The Diagnostic Medical Sonography program does not have an admission waiting list. Applicants not admitted to the program may reapply for admission the next year. Re-applicants must submit a new application for the current year in which they wish to apply. Applicants who wish to seek advisement in order to improve their chances for acceptance should contact Diagnostic Medical Sonography Program Director.



## **REQUIREMENTS FOR STUDENTS ACCEPTED INTO THE DIAGNOSTIC MEDICAL SONOGRAPHY PROGRAM**

Accepted students must document compliance with the health admission requirements of the Radiologic and Imaging Sciences Diagnostic Medical Sonography Program prior to commencement of fall semester courses in order to remain enrolled in the program. Failure to document proof of compliance will result in loss of placement. The sonography program utilizes the Castle Branch company to serve as a portal for students to upload and maintain their admission and health requirement documentation. The cost is **\$160** and includes the background check and drug screening. Health admission requirements are mandated by requirements of the clinical education centers, and are as follows:

1. **PHYSICAL EXAM:** The student must show proof of physical examination by a physician, nurse practitioner, or physician's assistant within the last year and proof of ability to participate in the diagnostic medical sonography program.
2. **TB TESTING AND IMMUNIZATIONS:** The student must show proof of 2-step TB testing and the following immunizations: Tetanus booster, MMR, Varicella (chicken pox). Hepatitis B is optional but strongly recommended. Instructions for students who cannot document immunity are included on the Mandatory Immunizations form given to students upon program acceptance. The TB test must be kept current throughout the duration of the program (annually). The student will be required to provide proof that a flu shot has been administered prior to the beginning of flu season (annually fall semester).
3. **DRUG SCREENING:** Drug screening must be performed by Quest Laboratories. Information is available through the Certified Background portal. Final acceptance into the program is dependent upon a negative drug screen report.
4. **BACKGROUND CHECKS:** Students must undergo background testing through the federal (FBI) and state (Ohio Bureau of Criminal Identification and Investigation {BCI&I}) systems. A positive background check may impact the ability to place a student in the clinical setting and therefore affect final acceptance into the program.  
*\*\*ANY OF THE ABOVE MAY NEED TO BE REPEATED PER CLINICAL SITE REQUEST\*\**
5. **TRAJECSYS:** Students use this electronic documenting service to record student clinical attendance, evaluations, and competencies at a cost of \$150 for the duration of the program.
6. **CPR:** Students accepted into the program must be certified in CPR and Basic Life Support prior to the beginning of fall semester. Students must maintain CPR certification throughout the program. Level of certification required is the **American Heart Association: Healthcare Provider**.
7. **HEALTH INSURANCE:** Students **must provide their own health insurance coverage**. The University does not assume or provide free medical insurance coverage for students in the clinical areas or on campus. Students may purchase health insurance coverage by contacting University Health Services at the Kent Campus. Students are responsible for the payment of any bills incurred if an accident should happen on campus or at the clinical education site.
8. **TOBACCO USAGE:** Students must follow tobacco usage policies while in attendance at the clinical education sites. Most health care facilities in Northeastern Ohio are tobacco-free institutions. This policy also prohibits electronic cigarettes.

Some clinical sites may have additional requirements for students.

Tuition: Current tuition rates are available at <https://www.kent.edu/current-tuition-rates> .

Distance learning fees will be applied to web based courses.

## PREGNANCY POLICY

### For Applicants and Students Enrolled in the Diagnostic Medical Sonography Program

If an applicant or an enrolled student does suspect she is pregnant, she has the option of whether or not to inform program officials of her pregnancy. If the woman chooses to voluntarily inform officials of her pregnancy, it must be in writing and indicate the expected date of delivery. In the absence of this voluntary, written disclosure, a student cannot be considered pregnant.

If an applicant or an enrolled student chooses to disclose her pregnancy, she is allowed to make an informed decision based on her individual needs and preferences. The options include the following:

1. Continuing the educational program without modification of the rotation schedule.
2. Leave of Absence from the program.

Option for written withdrawal of declaration: A student may withdraw declaration of pregnancy at any time during the pregnancy.

The student may or may not be allowed to graduate at the scheduled date. This will be determined on an individual basis by the faculty depending on the student's capacity to complete course requirements.

Neither Kent State University nor the student's assigned Clinical Education Site will be responsible for injury to the student or the embryo/fetus if the student chooses to continue in the program during pregnancy.

**TRANSFER STUDENTS:** Students transferring credits from another college or university should apply to Kent State and have official transcripts sent. Once notification of acceptance to Kent State and transfer credit evaluation are received, the student should make an appointment with the DMS program director for advising. The applicability and final determination of transfer credit rests with Kent State University, not with the DMS program. Students can use [www.kent.edu/transfercenter](http://www.kent.edu/transfercenter) or [www.transfer.org](http://www.transfer.org) as a guide to potential applicability of transfer credits and equivalent courses.

**KENT STATE UNIVERSITY - SALEM CAMPUS**  
**DIAGNOSTIC MEDICAL SONOGRAPHY PROGRAM TECHNICAL STANDARDS**

The Diagnostic Medical Sonography program at Kent State University has established essential functional requirements necessary for enrolled students to acquire the knowledge, skills, competencies and values of an entry level sonography. The technical standards of admission are not intended as a complete listing of behaviors required but are a sampling of the types of abilities needed to meet program objectives and requirements. The programs or their affiliated clinical education sites may identify additional critical behaviors or abilities to meet program or clinical site requirements and reserves the right to amend this listing based on the identification of additional standards for students.

The following essential functions must be met by all students after acceptance into the major in order to complete the program. In the event that a student is unable, or becomes unable, to fulfill these technical standards with or without reasonable accommodations, the student cannot enroll or remain enrolled in the program. Following acceptance into the program, students are required to verify that they understand and meet these standards or that they believe that, with certain accommodations, they can meet the standards. For students who believe they can meet these standards with accommodation, the KSU Salem Student Disabilities Coordinator will validate their need for accommodation and will work with the program to determine if reasonable accommodation can be made. This accommodation will take into account whether accommodation would jeopardize sonographer/patient safety or undercut an essential element of a course or clinical experience.

<b>TECHNICAL STANDARDS FOR RADIOLOGIC &amp; IMAGING SCIENCES STUDENTS:</b>
1. Sufficient communication skills to communicate effectively and sensitively with patients, health care professionals and the public, including individuals from different cultural and social backgrounds and in stressful and emergency situations. Students must be able to understand and speak the English language at a level consistent with competent professional practice. Must be able to document patient information legibly and accurately.
2. Sufficient sight to read requisitions & charts, observe conditions of the patient in low levels of light; to evaluate medical images on view boxes and on computer screens and to record information clearly and accurately.
3. Sufficient hearing to interact with and respond to patients as well as to the audible sounds of equipment.
4. Ability to stand and walk while assigned to a clinical education setting so as to perform medical imaging procedures in an appropriate and effective manner.
5. Ability to lift, assist and maneuver patients in wheelchairs, carts and imaging tables without injury to patient, self or other health care workers and to respond to medical emergencies in an effective manner. Have sufficient motor skills to manipulate, lift, and reach equipment and to operate small controls on equipment, and to perform CPR, first aid and general patient care.
6. Ability to assimilate, analyze, synthesize, integrate concepts and problem solve that form the basis of medical imaging and to be able to distinguish deviations from the norm.
7. Have the intellectual and emotional skills to exercise discretion in handling confidential medical information.
8. Have the cognitive ability to perceive and deal appropriately with environmental threats and stresses and continue to function safely and effectively during high stress periods.
9. Able to protect oneself and others from hazards in the health care environment, such as infectious disease, contaminated equipment, sharp instruments, chemical or electrical fumes, magnetic fields and radiation.



## Bachelor of Radiologic and Imaging Sciences Technology Degree 2022 Application Process - Diagnostic Medical Sonography Program

**For your application to be considered, you must complete the following steps:**

1. \_\_\_\_\_ Are you currently attending or have you attended Kent State University?  
\_\_\_\_\_ Yes  
\_\_\_\_\_ No - You must be admitted to Kent State University in order to apply to the Diagnostic Medical Sonography program. The KSU application form and application fee must be remitted prior to the **April 1, 2022 application deadline** in order to be considered for the fall 2020 Diagnostic Medical Sonography class.
2. \_\_\_\_\_ Submit **official transcripts sent directly from your high school, universities or colleges (other than Kent State) or hospital based certificate programs attended** to the Kent Salem Campus **prior to the application deadline date.**
3. \_\_\_\_\_ Read the Technical Standards for Diagnostic Medical Sonography program.
4. \_\_\_\_\_ Within the online application, submit a typed personal statement describing the reasons for your interest pursuing a degree in Diagnostic Medical Sonography well as your career goals after graduation. This will be uploaded as part of the online application.
5. \_\_\_\_\_ Complete online application (available between 1/1/21 – 4/1/21), which is available at <https://www.kent.edu/columbiana/dms-or-ultrasound>

### **JOB SHADOWING/ OBSERVATION REQUIREMENT – 2022 APPLICATION**

Job shadowing /observation has been **suspended for 2022 applicants** due to the COVID-19 pandemic. Interested students can find information about the profession of sonography at:

<https://www.sdms.org/resources/what-is-sonography>

<https://www.bls.gov/ooh/healthcare/diagnostic-medical-sonographers.htm>