



# HEALTH CAREERS PROGRAMS



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## Diagnostic Medical Sonography INFORMATION SESSION





**Certificate**

# **Diagnostic Medical Sonography**

**Applicants must be**

**Registered Radiologic Technologist  
or**

**Nuclear Medicine Technologist**





▶ **Debra L. Krukowski**  
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▶ **Linda Green**  
Health Careers Information Specialist  
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▶ Now accepting Applications for:

**Fall 2019**





## ► Application Process

- I. Attend info session face to face or electronically.
- II. Complete Triton application.
- III. Complete Health Careers Application for DMS.
- IV. Send High School Transcripts.
- V. Send College Transcripts.
- VI. Take placement exam if warranted.
- VII. If qualified, will be reviewed by Admissions Committee.





▶ Steps in Application

- Attend an information session
- Complete online application to DMS Health Careers

<http://www.triton.edu/School-of-Health-Careers-and-Public-Service-Programs/>



▶ **Prerequisites:**

The program is only open to those who hold active status with the American Registry of Radiologic Technologists (ARRT) or certification with the Nuclear Medicine Technology Board or ARRT, Nuclear Medicine Registry examinations. They must have graduated from an accredited program by the Commissions of Accreditation of Allied Health Education Programs (CAAHEP) in either Radiologic Technology or Nuclear Medicine in the past five years from admission; or if graduation is longer than five years, they must complete BIS 190 Anatomy & Physiology for Allied Health Majors.





▶ **Prerequisites:**

- Graduation in the past five years or recent anatomy and physiology class
- Registered Nuclear Medicine or Radiologic Technologist
- GPA 2.0 or higher
- Students must place in college level reading, writing and math by coursework or placement scores at Triton college.



## ▶ How do I increase my chances?

- Higher grades...More points in Prerequisites.
- Prerequisites must be completed by deadline.
- No points for courses in progress.
- Any other courses in Degree (non-MS) completed will increase your chances.
- Remember Math, Science and AHL must be within the last 5 years of the year you are applying for.



- ▶ **We accept approximately 12-15 students each year.**

Why so few?.....

- Limited by number of qualified clinical sites that meet requirements of JRC-DMS.
- Don't want to flood job market.
- Want salaries to stay competitive \$\$\$\$.



*Work with a registration specialist, advisor, or counselor at your college or here at Triton.*

**Health Careers Information Specialist:**

- ▶ **Linda Green:** [lindagreen@triton.edu](mailto:lindagreen@triton.edu)

**Academic Advising:**

- ▶ <https://www.triton.edu/admissions-aid/advising/>

**Counseling:**

- ▶ <https://www.triton.edu/admissions-aid/counseling/>



▶ Chargebacks.....

Chargebacks are no longer valid.

Refer to Cooperative Instructional  
Programs/Joint Agreement link:

<http://www.triton.edu/Chargeback-Information/>



- ▶ The general curriculum is available online.
- ▶ Curriculum is listed under Catalog, curriculum C317E, Diagnostic Medical Sonography Certificate.
- ▶ Please review curriculum.
- ▶ Tuition, college placement, and chargeback policies are all available online in the Catalog.

# Schedule

## ▶ **First Semester (Fall)**

DMS 101 Ultrasound Physics I 3 cr

DMS 121 Cross-sectional Anatomy 5 cr

## ▶ **Second Semester (Spring)**

DMS 102 Ultrasound Physics II 3 cr

DMS 110 Gen Sonography Lecture 5 cr

DMS 110 Gen Sonography Lab 2 cr (4 hrs)

DMS 141 Clinical Applications II 2 cr

(45 days -- Begins Feb-ends in July)

# Schedule

## ▶ Third Semester (Summer)

(Complete DMS 141 Clinicals – ends in July)

DMS 135	Ultrasound Film Critique	2 cr
DMS 136	Principles and Procedures of Ultrasound Imaging (August Clinicals 5 days a week for 3 weeks-DMS 151)	2 cr

## ▶ Fourth Semester (Fall)

DMS 146	Pathology & Diagnostic Sonography	3 cr
DMS 151	Clinical Applications III (Three days a week first 3 weeks of Aug., then two days a week)	2 cr
DMS 200	Principles of Computerized Sonography	2 cr
DMS 201	Sonographic Specialties Lecture/Lab	4 cr
DMS 210	Introduction to Peripheral Vascular Sonography	2 cr

***Will sit for ARDMS SPI and one specialty exam in fall semester.***





*Students enrolled must meet the following criteria:*

▶ **Health and Physical Abilities**

- Physical stamina is required for the hard work involved: standing on one's feet for a long period of time, pushing and pulling equipment, lifting and positioning patients; continuous scanning may cause strain on legs, back, shoulder and wrist



- Good hand mobility for gripping and squeezing-like motions as well as repetitive hand and wrist motion
- Visual acuity to view detail differentiation
- Free of communicable diseases and infections, as you will be working with sick patients and constantly being exposed to communicable diseases and infections. (Documentation thru the Health Verification Form)



▶ **Technical Aptitude**

- Ability to conceptualize images in three-dimensional form.
- Good hand-eye coordination.
- Ability to hear and distinguish the differences of audible signals.



▶ **Communication Skills**

- Ability to effectively communicate with patient to give adequate explanations and instructions.
- Ability to effectively communicate with other health care professionals to expedite adequate patient care in acquiring a diagnosis.
- Ability to effectively communicate with Sonologist their interpretation of images acquired.
- Student must be able to read and write at a technical college level and communicate orally with patients, physicians, and other health care professionals.



▶ **Emotional Stability**

- Ability to deal compassionately with patients in the time of stress and crisis.
- Ability to remain calm and flexible by disruption of routine.
- Ability to interact with physicians and other medical personnel to relay diagnostic information.



▶ **Ultrasound the field.....**

- Very close contact with patients in a short period of time.
- Deal with sick patients (not all OBs).
- Invasive procedures becoming the norm.
- Contrast agents may eventually lead to sonographers doing injections.
- Portable exams require movement of the unit.
- Rooms are dark and looking at a computer screen.
- Dynamically changing and advancing in procedures.



## ▶ Clinical Rotations

- Each student goes to a total of 2-4 sites.
- Completes approximately 1,000 clinical hours.
- Do take into account location but chosen by what site has to offer as well as students learning styles.
- First rotation: ask students for input.
- Second rotation: chosen by what student needs to complete requirements.



## ▶ Time Commitment

- It is highly suggested that the student only work 16 hours a week or less for success in the program.
- Time commitment is great.
- Considered an accelerated program.
- Clinical may not be close to home or your job would be difficult to go to work from clinicals.
- Class times vary each semester (schedule given later).





**Thanks For Your Time**

**Debra L. Krukowski**

*Program Coordinator*

**Krysti Reece**

*Clinical Coordinator*

[ultrasound@triton.edu](mailto:ultrasound@triton.edu)

- ▶ Meet with Advisor assigned to help Allied Health prospective students.
- ▶ Complete Applications (Triton and Health Careers).

E-mail questions you have, leaving messages is not the best way to contact me...

[ultrasound@triton.edu](mailto:ultrasound@triton.edu) or [debrakrukowski@triton.edu](mailto:debrakrukowski@triton.edu)



## Websites To complete Applications:

Triton College: [www.triton.edu/application/](http://www.triton.edu/application/)

Diagnostic Medical Sonography Application:

<http://www.triton.edu/School-of-Health-Careers-and-Public-Service-Programs>