

# Dalhousie School of Health Sciences

## Magnetic Resonance Imaging Technology (MRIT) Certificate Program

The MRIT Certificate Program is available to Alumni and 4<sup>th</sup> year students of the Dalhousie University Bachelor of Health Science Program in the professional streams of Diagnostic Medical Ultrasound, Nuclear Medicine Technology, and Radiological Technology. The program is also available to external applicants who are degree graduates and have graduated from accredited programs in Radiological Technology or Nuclear Medicine Technology that are cross referenced to the CAMRT 2014 NCP. The academic portion of the program has been designed for online delivery through the Dalhousie online web learning platform (Brightspace). There is a 16 week clinical placement which will be completed at an approved healthcare institution.

The **27 credit hour** certificate program requires successful completion of:

- MRIT 4100.03: MRI Physics
- MRIT 4110.03: Advanced MRI Physics
- HSCE 2050.03: Cross Sectional Anatomy for Multimodality Medical Imaging
- MRIT 4120.03: MRI Instrumentation, Safety and Contrast Media
- MRIT 4130.03: MRI Techniques and Applications
- DMUT 4000.12, NUMT 4000.12, or RADT 4000.12: Specialty Practice in MRI
- Venipuncture competency

### Venipuncture Competency

*This is a non-credit requirement*

Students will be required to provide proof of venipuncture competency prior to beginning Specialty Practice. This will ensure students have the basic venipuncture skills to facilitate IV injection instruction provided by preceptors during Specialty Practice. MRI technologists are responsible for establishing and ensuring safe and proper routes for the administration of contrast media.

### Admission

The Certificate in MRIT is limited to 10 students. If interest exceeds capacity of the program, selection will be based on GPA with priority given to current Dalhousie BHSc students.

## Eligibility

Alumni/external applicants must have:

- Cumulative GPA of 3.3 or higher
- Resume and two reference letters (one academic, one professional)
- B+ or higher in their discipline specific physics
- Proof of registration in professional association (please provide a photocopy of your current registration card)
- Approval of a completed MRI safety screening form
- Proof of current CPR-HCP and Standard First-Aid

**\*\*External degree graduates interested in this opportunity should contact Jennifer Williams (MRIT advisor) as soon as possible for courses beginning this summer [jennifer.williams@dal.ca](mailto:jennifer.williams@dal.ca).**

## Program Length

The theoretical MRIT courses begin in June and conclude in April. The 16 week clinical placement may be completed either from *May-Sept or August -November*\*\* . The program must be completed within 3 years.

\*\*Clinical start dates may vary and are subject to approval by the professor of record and the clinical placement site.

## Program cost

Tuition fees are as set by Dalhousie University. Students will be charged for **27 credit hours** plus any miscellaneous fees from Dalhousie. There is no salary or stipend associated with the 16 week clinical specialty practice. Students are responsible for any additional costs associated with clinical placement (i.e. travel expenses).

**\*\*Nova Scotia Student Loans will not cover tuition fees for MRIT certificate courses**

## **MR Certification**

Students must provide proof of certification in their primary discipline and successfully complete the MRIT certificate program to be eligible to write the CAMRT MR Certification exam.

Official transcripts and all supplementary information should be sent to:

Admissions Officer [health.sciences@dal.ca](mailto:health.sciences@dal.ca)  
School of Health Sciences, Dalhousie University  
Room 640, Bethune Building  
1276 South Park Street. Halifax, NS B3H 2Y9  
Fax (902)473-5115