

DALHOUSIE SCHOOL OF HEALTH SCIENCES

STATEMENT OF FITNESS

Magnetic Resonance Imaging Technology

The health professions, including Magnetic Resonance Imaging (MRI) Technology, in the Bachelor of Health Science program are intellectually, emotionally and physically demanding. It is important students become familiar with the profession before entering the program so they are able to function at an acceptable standard.

Specific to physical demands, MRI technologists are required to lift and manipulate heavy equipment through a wide range of movements, as well as, lift and position patients of various abilities and sizes. They must use fine motor skills to adjust dials/knobs on imaging/medical equipment, view information displayed on computer monitors and distinguish fine differences of contrast/brightness and resolution on images. They must prepare and inject contrast agents, which require manual dexterity and visual acuity. They are required to sit for varying lengths of time while imaging patients (15mins to 90mins). They must be able to hear/respond to low voices, as well as, alarms and buzzers in an environment of constant equipment noise. They must remain physically active and mentally alert for extended periods of time.

Additionally there may be emergency situations that arise in the health care setting that require students to respond immediately. Call and shift work may be required, including days, evenings, nights and weekend shifts. Working environment (sensitive) products encountered include latex gloves, cleaning solutions, and biological/chemically hazardous materials.

Students are required to complete a safety screening form to ensure they are safe to enter the magnetic field environment. Students who have concerns with the demands of MRI technology should contact the School for further information at 473-5510.

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