

Brown University Health
School of Medical Imaging

Post Primary Pathways



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Post Primary Pathways

The post primary pathway is for those who are currently certified and registered with American Registry of Radiologic Technologists (ARRT) and would like to pursue additional credentials. The post primary pathway may also be used by those who hold a credential from NMTCB.

Post Primary Pathways:

- Computed Tomography
- Magnetic Resonance Imaging
- Mammography
- Vascular Interventional Radiology

Tuition Information

Modality	Program Tuition Courses and Clinical	Courses Only Tuition	Course Semester	Clinic
CT	\$5,000	\$2,500	Spring 4 months	400 hours 3 days/week 16 weeks
MRI	\$10,000	\$5,000	Spring – Fall 12 months	12 months 3 days/week
MG	\$5,000	\$2,500	Spring 4 months	240 hours 2 days/week 16 weeks
VIR	\$5,000	\$2,500	Summer – Fall 8 months	ARRT Comp requirements



Computed Tomography

Computed tomography, also known as CT, is an advanced medical imaging method that uses X-rays and computers to capture images of individual cross-sectional slices through the body.

Due to its speed of image acquisition, CT is the modality of choice for trauma and evaluation of acute stroke. CT technologists commonly help implement this modality in radiation therapy treatment planning, for assessing vasculature, as well as visualizing various chest, abdominal, pelvic, bone and soft tissue abnormalities. CT imaging can be utilized for cardiac evaluation, as a colon and lung screening tool, and during the biopsy of suspicious tissue.



Magnetic Resonance Imaging

Magnetic Resonance Imaging (MRI) is a non-invasive modality using a large magnet and radio waves to produce high-resolution, cross-sectional images of the body.

Healthcare professionals use magnetic resonance images to assess and diagnose conditions of the brain and spinal cord, heart and blood vessels, internal organs, bones and joints, breasts, and fetal abnormalities. MRI technologists play a vital role in the diagnostic process, leveraging their technical expertise and patient care skills to produce high-quality images that are essential for accurate medical assessments and treatment plans.

Mammography

The mammography technologist is responsible for obtaining high quality diagnostic images that help physicians detect breast cancer and other breast diseases in their earliest stages. Mammography technologists play a crucial role in early detection and diagnosis of breast cancer, contributing significantly to patient outcomes through their technical skills and compassionate care.





Vascular Interventional Radiography

Vascular interventional radiography (VIR) is a medical specialty that uses minimally invasive procedures to diagnose and treat various conditions, including vascular and non-vascular procedures. Technologists play a critical role in the success of VIR procedures by combining technical expertise with patient care skills, ensuring both the safety and comfort of patients and the accuracy of the diagnostic and therapeutic interventions.

Course Offerings

Semester	Computed Tomography (CT)
Spring	CT Didactic Course
Summer or Fall	Clinical Education
Semester	Magnetic Resonance Imaging (MRI)
Spring	Procedures I Physical Principles I Clinical Education
Summer	Procedures II Clinical Education
Fall	Physical Principles II Clinical Education
Semester	Mammography (MG)
Spring	Radiographic Mammography
Summer or Fall	Mammography Registry Review Clinical Education
Semester	Vascular Interventional Radiography (VIR)
Spring	VIR Didactic Course
Summer or Fall	Clinical Education

Scan for application information or visit
[www.brownhealth.org/centers-services/
school-medical-imaging/secondary-pathway-application](http://www.brownhealth.org/centers-services/school-medical-imaging/secondary-pathway-application)



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