Your Future is Nuclear Powered

Make a difference in patient care every day. As a Nuclear Medicine Technologist (NMT) you will aid in the decisions of patient disease management and treatment planning.

- Only NMT program in Alabama.
- Only NMT program to access UAB's Advanced Imaging Center which includes PET/CT and PET/MRI.
- Almost 1000 hours of hands on clinical training.
- State-of-the-art learning laboratory.
- Faculty with 50+ years’ combined experience.

You are unique. You want a unique education. You want UAB NMT.

Application Process

Apply through the UAB Graduate School online at www.uab.edu/graduate

DEADLINE: First Consideration – February 15
International Student Admission – April 30
Final Admission - August 1

REQUIREMENTS:
- BA or BS degree
- TOEFL, IELTS, PTEA (Int’l students)
- Meet all graduate school requirements

ALL STUDENTS MUST:
- Have personal insurance coverage
  uab.edu/studenthealth
- Complete required immunizations, background check and drug screen
- Complete additional screenings prior to clinical rotation placement

Students with pacemakers, stents, and/or other metallic implants may not be eligible for the MRI clinicals.

Contact Information

UAB DEPARTMENT OF CLINICAL AND DIAGNOSTIC SCIENCES
Admissions Office
437 School of Health Professions Building
1716 9th Ave S • Birmingham, AL 35294
205.934.3209 • AskCDS@uab.edu
**Prerequisite Courses (40 hours)**

- Precalculus Trigonometry / MA 106
- Introductory Chemistry I and II / CH 105-108 or CH 115-118
- Pathophysiology / BY 216 or NMT 320
- Human Anatomy and Physiology / BY 115 and BY 116
- Statistics / MA 180
- College Physics I and II / PH 201 & PH 202 with labs
- Medical Terminology / HCM 350
- Health Care Systems / HCM 330
- First Aid/BLS Healthcare Provider CPR / CDS 425

*May be taken while in the NMT program
** May be taken during the first term of program

**Professional Phase Curriculum (64 hours)**

**FIRST YEAR**

**Fall (18 Hours)**

- CDS 501 Professional Skills I 0
- CDS 610 Research Design & Statistics 3
- NMT 602 Intro to Nuclear Medicine, Patient Care & Communications Skills 3
- NMT 610 Medical Radiation Physics 4
- NMT 621 Nuclear Medicine Instrumentation I 4
- NMT 631 Nuclear Medicine Anatomy & Physiology Procedures I 4

**Spring (14 Hours)**

- CDS 502 Professional Skills II 1
- CDS 625 Analysis of Scientific Publication 3
- NMT 632 Nuclear Medicine Anatomy & Physiology Procedures II 4
- NMT 641 Regulations, Radiation Protection/Biology & Lab 4
- NMT 691 Clinical Practice 3

**Summer (18 Hours)**

- CDS 503 Professional Skills III 1
- HA 650 Management and Leadership Skills for Clinical Professional 3
- NMT 605 Cross-Sectional Anatomy 3
- NMT 622 Nuclear Medicine Instrumentation II 3
- NMT 623 Computed Tomography Instrumentation 3
- NMT 691 Clinical Practice 5

**SECOND YEAR**

**Spring (14 Hours)**

- NMT 660 Radiopharmacy, Pharmacology and Lab 3
- NMT 691 Clinical Practice 7
- NMT 698 Non-Thesis Research 4

**Requirements for International Applicants:**

- All foreign transcripts from World Education Services, Educational Credential Evaluators, or Josef Silny and Associates, Inc. must be sent directly to the Graduate School for evaluation.
- A degree equivalent to a bachelor’s degree from a regionally accredited educational institution in the US
- A score of: IELTS – 6.5, TOEFL – 80, PTEA – 53
- Financial Affidavit of Support
- Immigration documentation if currently residing in the US

**Computed Tomography & Magnetic Resonance Imaging Concentrations**

Concentrations in Computed Tomography (CT) or Magnetic Resonance Imaging (MRI) are offered on a space available basis. Students will select the following courses based on concentration.

**COURSES SEM HRS**

**SECOND YEAR**

**Fall**

- NMT 633 Computed Tomography Procedures 3
- NMT 694 CT Clinical Practice 10

**SECOND YEAR**

- NMT 634 MRI Scanning and Sequence Optimization 3
- NMT 695 MRI Clinical Practice 10

The Master of Science in Nuclear Medicine Technology degree program is designed to lead to a professional certification. There are two national professional board exams, one through the Nuclear Medicine Technology Certification Board (NMTCB) and the other with The American Registry of Radiologic Technologists (ARRT), resulting in a credential of CNMT or RT(T) respectively. In addition, students may elect to pursue elective coursework that can lead to secondary-post primary certification in Computed Tomography (CT) and/or Magnetic Resonance Imaging (MRI). CT certification is either through the NMTCB which results in a credential of NMTCB (CT) or through the ARRT with a credential of RT(CT). MRI certification is through the ARRT resulting in a credential of RT(MR). Specific licensure requirements for each modality still vary from state to state. UAB is working to develop an online, publicly-accessible database to assist in providing this state-by-state information. In the meantime, if you are interested in learning about potential professional licensure requirements in your state for a specific degree program, please contact UAB State Authorization at stateauth@uab.edu, or call Dr. Lisa Reburn at (205) 934-3258.

Many degree programs in the School of Health Professions lead to licensure or professional certification. Requirements for licensure or certification may vary by state, even within a profession. Information about such requirements is available from the UAB State Authorization officer at stateauth@uab.edu or (205) 934-3258.