Your Future is Nuclear Powered

U.S. News & World Report ranks NMT among the Top 20 “Best Healthcare Jobs.” Job options include nuclear medicine technologist as primary certification and with dual certification computed tomography and MRI.

If you are interested in a healthcare provider role utilizing cutting edge science and technology in a medical imaging and therapy aspect this could be the field for you.

You only want the best. So choose the only NMT program in Alabama and the only NMT program with access to UAB’s Advanced Imaging Center with coordinated research options for NMT students.

In addition to being steps away from the largest medical cyclotron in the U.S., you will have clinical training opportunities in PET/CT and the UAB PET/MRI facility; we also just built a state-of-the-art NMT laboratory and have access to the school’s learning center. Add the in-depth knowledge of faculty with more than 50 years’ combined experience and you have a most unique learning exposure.

You are unique. You want a unique education. You want UAB NMT.
**Prerequisite Courses**  
(40 Hours)

- Precalculus Trigonometry
- Introductory Chemistry I and II
- Pathophysiology
- Human Anatomy and Physiology
- Statistics
- College Physics I and II
- Medical Terminology
- Health Care System
- First Aid and BLS Healthcare Provider CPR

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### Professional Phase Curriculum  
(64 Hours)

#### FIRST YEAR

**Fall (18 Hours)**

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

**Spring (14 Hours)**

- CDS 502 Professional Skills II 0
- 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 0
- CDS 504 Professional Skills IV 1
- HCM 590 Management Class 3
- NMT 605 Cross-Sectional Anatomy 3
- NMT 622 Nuclear Medicine Instrumentation II 3
- NMT 623 Computed Tomography 3
- NMT 691 Clinical Practice 5

#### SECOND YEAR

**Fall (14 Hours)**

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

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### 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.

#### CT CONCENTRATION COURSES (15 Hours)

<table>
<thead>
<tr>
<th>SEM HRS</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>NMT 633 Computed Tomography Procedures</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>NMT 694 CT Clinical Practice</td>
<td></td>
</tr>
</tbody>
</table>

#### MRI CONCENTRATION COURSES (20 Hours)

<table>
<thead>
<tr>
<th>SEM HRS</th>
<th>FIRST YEAR</th>
<th>SECOND YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Spring NMT 624 MRI Physics and Instrumentation</td>
<td>Fall NMT 601 Introduction to MRI Clinic</td>
</tr>
<tr>
<td>2</td>
<td>Summer NMT 634 MRI Scanning &amp; Sequence Optimization</td>
<td>Spring NMT 695 MRI Clinical Practice</td>
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</tbody>
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### Estimated Expenses 2016-2017  
(Subject to change at the beginning of any term)

#### TUITION

- In-State: $740 (first credit hour)
- Out-of-State: $1,435 (first credit hour)
- Tuition: $510 (subsequent hours)
- Out-of-State: $1,203 (subsequent hours)

#### FEES

- Online Course Fee: $250/course
- Parking Fee: $130/annually (optional)
- Laboratory Fee: $50/course
- Graduation Fee: $50
- Certification Exam Fee: $175
- Certificate Fee: $20
- Professional Membership: $50 (optional)

#### REQUIREMENTS

- Medical Insurance**: $78
- Background Check/Drug Screen***: $78

**All students are required to have personal insurance coverage. Visit uab.edu/studenthealth for more info.  
*** If admitted, SHP students are required to submit immunizations documentation and complete a background check and drug screen. A second drug screen and criminal background check will be completed prior to placement in a clinical rotation. Students will receive additional instructions upon program admission.

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UAB is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award degrees at the baccalaureate, master’s, specialist, and doctoral levels. The University of Alabama at Birmingham prohibits discrimination in admission, educational programs, and other student matters on the basis of race, color, religion, sex, sexual orientation, gender identity, gender expression, age, national origin, disability unrelated to program performance, veteran status or genetic or family medical history.

UAB is committed to providing an accessible learning experience for all students. If you are a student with a disability that qualifies under Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act, and you require accommodations, please contact Disability Support Services for information on accommodations, registration and procedures. Call 205 934-4205 or visit uab.edu/dss.