

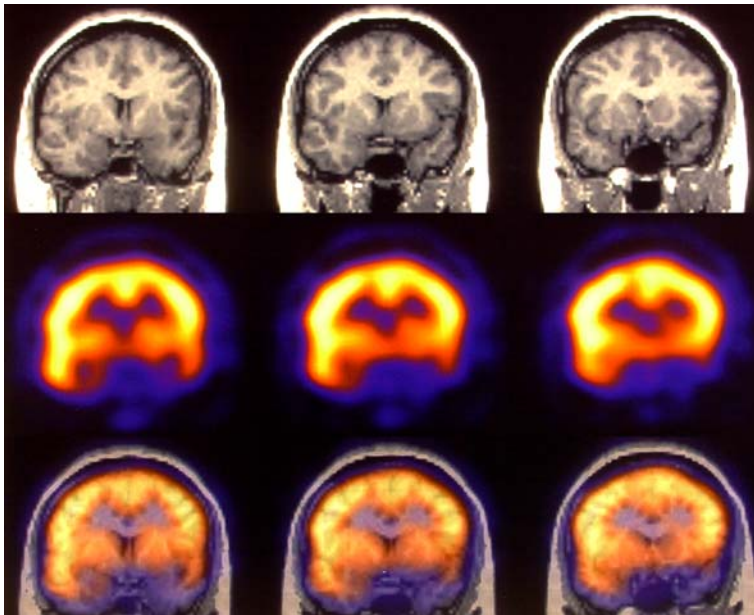
NUCLEAR MEDICINE IMAGING CERTIFICATE PROGRAM

Nuclear medicine imaging technologists use the nuclear properties of radioactive and stable nuclides to acquire patient data for interpretation by the nuclear medicine physician in reaching diagnostic evaluations of the anatomic and physiologic conditions of the body and to provide patient therapy. When caring for patients, the nuclear medicine imager acquires knowledge of the patient's history to facilitate optimum diagnostic results, instructs and prepares the patient prior to and during procedures, performs procedures and records anatomical and physiological data. Nuclear medicine technologists use their technical skills as well as their knowledge of radiation physics and safety regulations to limit radiation exposure, prepare and administer radiopharmaceuticals intravenously and orally, measure the quantity and distribution of radionuclides deposited in the patient or in a patient specimen, perform in-vivo and in-vitro diagnostic procedures, employ quality assurance methods in all procedures and laboratory settings, and participate in research activities.



OUR PROGRAM

The Nuclear Medicine Imaging Technology Program at the University of New Mexico is a full-time 12-month curriculum of classroom and clinical training, which leads to a Certificate in Nuclear Medicine Technology. We admit students once a year, with classes beginning in the summer semester. The program is accredited by the North Central Association of Colleges and Schools, Commission on Institutions of Higher Education, and provides the student with the knowledge and skills necessary to perform complex diagnostic procedures involving the in-vitro and in-vivo use of radiopharmaceuticals using state-of-the-art nuclear instrumentation. Upon successful completion, students are eligible to take national certifying exams administered by the Nuclear Medicine Technology Certification Board (NMTCB) and the American Registry of Radiologic Technologists (ARRT).





ADMISSION PROCEDURE

The application deadline is January 31st of each year for classes beginning the following fall. Applicants may request an application packet beginning in October. Undergraduate students may apply while still enrolled in course work if all prerequisites will be completed in the spring semester.

Applicants submit their applications directly to the Nuclear Medicine Imaging Program. A separate application to the University of New Mexico is required only if an applicant is accepted into the program. We will invite applicants who appear to be best qualified for an interview with the Program Selection Committee, and final selection is made from the interviewees. The program's selection process does not discriminate against any applicant based on sex, age, race, religion, creed, or national origin.

ADMISSION REQUIREMENTS

We admit six to eight students to the Nuclear Medicine Imaging Program each year and the majority of applicants accepted are New Mexico residents. Selection criteria include grade point average, completed prerequisites, health care experience, references, and an interview with the Program Selection Committee.

1. Applicant must meet the University of New Mexico admission requirements (refer to UNM Catalog).
2. While competitive grade point averages are usually higher, each applicant must have a minimum cumulative grade point average of 2.5 in post-secondary course work.
3. A completed application, three reference forms with reference letters, and official transcripts must be received by the Nuclear Medicine Imaging Program office by January 31 prior to summer admission.
4. All students must complete prerequisite coursework prior to the first summer semester of the program.
5. The program selection committee will conduct personal interviews with each student candidate.





Prerequisite Courses for all Applicants

Biol 123L	Bio for Hlth Rel Sci
Biol 237	Human Anat & Phys I
Biol 247L	Anat & Phys Lab I
Biol 238	Human anat. & Phys II
Biol 248L	Anat & Phys Lab II
Biol 239L	Microbio/Health Sci
Chem 121L	Elem of Gen Chem
Chem 122L	General Chem
or Chem 212	Integ Org Chem +Bioch
CS 150	Comput for Bus Student
Engl 101	Comp I: Exposition
Engl 102	Comp II: Analys & Arg
Math 150	Pre-calculus
Phil 245	Professional Ethics
or Phil 102	Current Moral Problems
Physcs 151	General Physics
Psych 105	General Psych I

PROGRAM CURRICULUM

The Certificate program in nuclear medicine imaging technology consists of twelve months of full-time didactic and clinical experience. The current clinical hospital affiliates are UNM Hospital, Veterans Administration Medical Center, Presbyterian, and Lovelace Healthcare, Inc.

Course numbers are for UNM. Consult the UNM (Undergraduate) Catalog for further course descriptions. Applicants may complete prerequisites at any accredited university.

Summer Semester

		<u>Credit Hours</u>
NMI 310	Radiation Safety	2
HSci 381	Medical Lang Systems Review	<u>1</u>
		3

Fall Semester

NMI 320	Clinical Nuclear Technology I	4
NMI 354	Clinical Radiopharmacy	2
NMI 360	Imaging Instrumentation I	3
NMI 375	Nuc Physics & Instrumentation	3
HSci 330	Patient Care	2
HSci 380	Human Cross Sectional Anatomy	<u>3</u>
		17

Spring Semester

NMI 365	Clinical Nuclear Technology II	6
NMI 385	Nuclear Instrumentation II	3
NMI 390	In Vitro Nuclear Medicine	2
NMI 392	Pathology Seminar	2
NMI 396	Essentials of Nuc Med Imaging I	<u>4</u>
		17

Summer Semester

NMI 400	Clinical Nuclear Technology III	5
NMI 412	Nuclear Radiation Biology	1
NMI 415	Essentials of Nuc Med Imaging II	<u>2</u>
		8

TUITION AND FEES

Tuition for the Nuclear Medicine Imaging Program is of the same as any full-time UNM undergraduate student. Additional costs are approximately \$500.00 and include required books and lab coats or scrubs.



General UNM information may be obtained by calling 1-800-CALL UNM (225-5866). Consult the UNM Catalog for information on tuition, financial aid, housing, or admission requirements of the University. The Catalog is available at the UNM Bookstore, University of New Mexico, Albuquerque; or online at www.unm.edu/. To comply with the ADA and the Rehabilitation Act of 1973, UNM provides this publication in alternative formats. If you have special needs and require an auxiliary aid or service please contact the Program office.

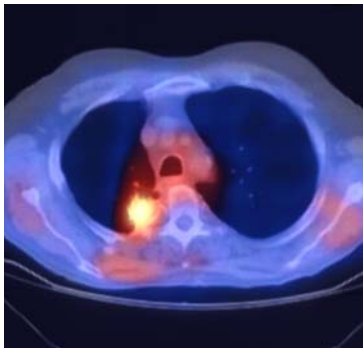
This brochure contains pertinent information concerning the Nuclear Medicine Imaging Program and is subject to change without written notice obligation. The Nuclear Medicine Imaging Program cannot be held responsible for student's misinterpretation of information.
NUCMED/PROGRAM-BRO R08/27/07




For further Nuclear Medicine Imaging Program information or application materials, contact:

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<http://hsc.unm.edu/som/radiology/RadSciences.shtml>

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Program Director



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