

## ASSOCIATE IN SCIENCE

**NUCLEAR MEDICINE TECHNOLOGY**

## ABOUT THE PROGRAM

This associate degree program prepares students for careers in Nuclear Medicine Technology. The Ball State University Nuclear Medicine Technology program is offered in cooperation with Clarian Health in Indianapolis. The program is divided into two phases and usually takes 2 to 3 years to complete.

The first, or preclinical, phase of the program takes place on the Ball State University campus and includes course work in the sciences and the University Core Curriculum program. The second, or clinical, phase of the program is offered in Indianapolis at Clarian Health with rotations to other clinical affiliate sites.

## NUCLEAR MEDICINE ONLINE

American Registry of Radiologic Technologists: [www.arrt.org](http://www.arrt.org)

American Society of Radiologic Technologists: [www.asrt.org](http://www.asrt.org)

Ball State Nuclear Medicine Technology Program:  
[www.bsu.edu/health/nucmedtech](http://www.bsu.edu/health/nucmedtech)

Bureau of Labor Statistics: [www.bls.gov](http://www.bls.gov)

Indiana Society of Radiologic Technologists: [www.isort.org](http://www.isort.org)

Joint Review Committee on Educational Programs in Nuclear  
Medicine Technology: [www.jrcnmt.org](http://www.jrcnmt.org)

Nuclear Medicine Technology Certification Board: [www.nmtcb.org](http://www.nmtcb.org)

Society of Nuclear Medicine: [www.snm.org](http://www.snm.org)

## OCCUPATIONAL DESCRIPTION

Nuclear medicine technologists are highly skilled professionals qualified by education to administer radiopharmaceuticals to assist in diagnosing and treating medical conditions.

The responsibilities of a nuclear medicine technologist can include performing radiation safety and quality control procedures; preparing and administering radiopharmaceuticals; operating nuclear medicine instruments; positioning patients for procedures; collecting, preparing, and analyzing biologic specimens; providing basic nursing and medical care; and preparing data for physician interpretation.

Nuclear medicine departments are located mainly in hospitals. Employment opportunities also exist in cardiology offices, independent imaging centers, commercial sales, education, and management.

## PROGRAM ADMISSION &amp; APPLICATION

Students may enter the preclinical phase of this program (28 semester hours) upon admission to the University; however, admission to the University does not guarantee acceptance to the clinical phase of the program, which is a competitive process. Only the top-scoring applicants will be offered a spot in the clinical phase of the program. Students may apply for admission to the clinical portion of the program when the following requirements are met:

- \_\_\_\_\_ Must be a current Ball State student.
  - Any student must have been officially admitted by December 1 of the year immediately prior to the clinical phase of the program.
  - All transfer hours must be evaluated and appear on the DAPR (Degree Analysis Progress Report) and Ball State transcript.
- \_\_\_\_\_ Must meet with Terrie Greenwalt, Primary Dept. Advisor.
  - Call 765-285-5961 to schedule an appointment.
  - Required even if a Freshman Advisor has been seen.
- \_\_\_\_\_ 14 hours of required courses are successfully earned
- \_\_\_\_\_ 3 of 5 required math/science courses successfully earned
- \_\_\_\_\_ "C" or better in required math/science courses
- \_\_\_\_\_ 2.5 overall GPA in only required preclinical courses
- \_\_\_\_\_ Must have read the most current Nuclear Medicine Technology Program Policies, Procedures, and Information and most current Check Sheet. If applying to the clinical phase of the program, it is assumed that this information has been read, and student will be held accountable for adhering to its content: [www.bsu.edu/physiology-health/nucmedtech](http://www.bsu.edu/physiology-health/nucmedtech).

You must obtain a current program application and instructions from the Department of Physiology & Health Science office in CL 325. Complete the application, follow the instructions, and attach the following: 1) a copy of current Ball State University DAPR (Degree Audit Progress Report), including fall semester grades and current registration for spring semester courses; 2) current, official BSU transcript; and 3) current, official transcripts from any other colleges or universities attended containing required preclinical courses.

All information must be received in the Department of Physiology & Health Science office (CL 325) no later than 5:00 p.m. local time (EST) on the first business day of February each year. Incomplete application packets will not be considered. Due to the limited number of clinical phase spaces available, all students who meet minimum admission requirements may not be admitted to the clinical phase.

## SELECTION

Applicants will be ranked using the following formula: (GPA of required preclinical courses x 7) + (GPA of required preclinical math/science courses x 15).

# STUDENT CHECK SHEET

# NUCLEAR MEDICINE TECHNOLOGY

Use this Check Sheet, along with your DAPR, to keep track of your progress.

## PRECLINICAL PHASE—28 HRS

The preclinical phase includes 28 semester hours of general requirement credits. This phase of the program may be started during any semester; however, some courses may only be offered during certain semesters each year. All required courses must be taken for credit on a letter-grade basis, excluding courses accepted by Ball State for advanced standing or courses designated as credit/no credit.

At least 14 hours of the following ten (10) courses must be successfully earned (2.5 GPA overall in required courses) in order to apply to the clinical phase of the program by 5:00 p.m. local time (Eastern Standard Time) on the first business day of February each year. Those 14 hours must include successful completion ("C" or better) of at least 3 of the 5 math/science courses. Check off as requirement is completed. All ten (10) preclinical courses must be completed by the end of the spring semester prior to beginning the clinical phase of the program.

### MATH/SCIENCE COURSES

ANAT 201	3 HRS	_____
CHEM 100	3 HRS	_____
MATHS 125	3 HRS	_____
PHYCS 100	3 HRS	_____
PHYSL 205	3 HRS	_____

### GENERAL EDUCATION COURSES

COMM 210	3 HRS	_____
CS 104	3 HRS	_____
ENG 103	3 HRS	_____
PSYSC 100	3 HRS	_____
PEFWL	1 HR	_____

If taking ENG 101 & ENG 102, **both** must be completed to fulfill the requirement for ENG 103.

## CLINICAL PHASE—36 HRS

The clinical phase of the program, which includes 36 semester hours, begins at Clarian Health in Indianapolis each May and runs four consecutive semesters. Students attend courses taught in classrooms and laboratories at Clarian Health. Clinical experience is obtained at Clarian Health and through rotations to other clinical affiliate sites. If a student is unable to complete the preclinical requirements by the time the clinical phase begins due to remedial courses, major change, etc., it will be necessary for the student to wait until the following year to apply.

SUMMER	FALL	SPRING	SUMMER
AHSC 200 2	AHSC 241 3	AHSC 242 3	AHSC 243 3
AHSC 240 3	AHSC 245 5	AHSC 251 4	
AHSC 249 2	AHSC 247 3	AHSC 252 2	
	AHSC 248 3	AHSC 254 3	

## PROGRAM ACCREDITATION

Ball State University is accredited by the North Central Association of Colleges and Schools. Upon graduation, students receive the Associate in Science Degree in Nuclear Medicine Technology. Program graduates are eligible to apply for national certification examinations administered by the Nuclear Medicine Technology Certification Board (NMTCB) and the American Registry of Radiologic Technologists (ARRT). Individuals who pass the examinations are known as Certified Nuclear Medicine Technologists (CNMT) or registered technologists, RT(N).

## DISCLOSURE

Full disclosure of any charges or convictions for a misdemeanor or felony is required on the application to the clinical portion of the program. Individuals who have been charged or convicted of a misdemeanor or felony must preapply to the ARRT. Written preapproval to take the examination must be attached to the program application by the application deadline. Contact the Program Director for preapproval information well in advance of the program application deadline.

## CONTACT US

Office of Admissions  
800-482-4BSU · 765-285-8300  
TDD: 765-285-2205

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Ball State University  
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Jeffrey Clark, H.S.D.: Chairperson  
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