

INDIANA UNIVERSITY SCHOOL OF MEDICINE
HEALTH PROFESSIONS PROGRAMS

RADIOLOGIC SCIENCES
BACHELOR OF SCIENCE IN NUCLEAR MEDICINE TECHNOLOGY

PREREQUISITES

THE FOLLOWING ARE IU/PUI COURSE NUMBERS AND HOURS

WRITTEN COMMUNICATION (Two Courses)

ENG-W 131 (English Comp. 1) _____ 3cr

ENG-W 132 (English Comp. 2)
or other composition course _____ 3cr

VERBAL COMMUNICATION (One Course)

COMM-R 110 (Public Speaking)
or COMM-C 180 (Interpersonal) _____ 3cr

PHYSICAL AND BIOLOGICAL SCIENCES*

*Must have a minimum of 20 total credit hours from Physical and Biological Sciences.

BIOLOGY+ (Two Courses with Laboratory)

BIOL-N 261 (Human Anatomy) and
BIOL-N 217 (Human Physiology)

---OR---

BIOL-N 212/213 (Human Biology 1) and
BIOL-N 214/215 (Human Biology 2)

BIOL _____ 4-5cr

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+Combined GPA of these two courses must equal at least 2.0 (on a 4.0 scale).

CHEMISTRY (Two Course Sequences w/ lab)

CHEM- C101/121 (Elem. Chem. w/lab) and
CHEM-C 110/115 (Chem. for Life w/Lab)

---OR---

CHEM-C105/125 (Princ. Chem. I w/lab) and
CHEM-C 106/126 (Princ. Chem. II w/lab)

CHEM _____ 5cr

CHEM _____ 5cr

PHYSICS (One Course with Laboratory)

PHYS 100 (Physics in Modern World)
or PHYS-P 201 (Physics in Life Sciences)
or PHYS 218 (General Physics) _____ 4-5cr

MATHEMATICS (One or Two Courses)

^MATH 153 (Algebra/Trig 1) and
^MATH M119 (Calculus)
or MATH 153 (Algebra/Trig 1) and
MATH 154 (Algebra/Trig 2)
or MATH 159 (Alg & Trig)
or MATH-M 118 and MATH- M119 _____ 5-6cr
^Preferred sequence

STATISTICS (One Course)

STAT 301 (Elementary Statistical Methods)
SPEA-K 300 (Statistical Techniques)
PSY-B 305 (Statistics) or equivalent _____ 3cr

SOCIAL/BEHAVIORAL SCIENCES (Two Courses)

PSY-B 104 (Psych/Social Science) or
PSY-B 105 (Psych/Biol Science) _____ 3cr

Choose **one** additional course from PSY-B, SOC-R, or ANTH-A. Courses from other approved departments may be taken upon request.

➤ Elective _____ 3cr

➤ **MEDICAL TERMINOLOGY** (One Course)

CLAS-C 209 (Medical Terms Greek/Latin)
or HIA-M 330 (Medical Terminology)
or RADI-R 108 (Medical Terminology) _____ 1-2cr

➤ **HUMANITIES** (One Course)

An approved list of course departments is available by request.

Elective _____ 3cr

ELECTIVES (If Necessary)

To meet the minimum credit hours prior to entry:

Electives _____ cr

➤ These courses can be completed either prior to or during the professional program.

TOTAL CR HRS REQUIRED FOR ENTRY= 60

BACHELOR OF SCIENCE IN NUCLEAR MEDICINE TECHNOLOGY

The following is a suggested two-year plan for taking the Bachelor of Science in Nuclear Medicine Technology prerequisites. Variations of this schedule can be made.
Please check with your advisor to be sure all admission requirements are met.

	FALL	SPRING
FIRST YEAR	English Composition 1 3cr Algebra/Trig 1 3cr Chemistry 1 5cr Public Speaking <u>or Interpersonal Communication 3cr</u> Total 14cr	English Composition 2 3cr Chemistry 2 5cr Algebra/Trig 2 <u>or Calculus 3cr</u> ➤ Medical Terminology 1-2cr <u>Introductory Psychology 3cr</u> Total 15-16cr
NOTE: At this point, students who have a minimum 2.80 cumulative GPA and 2.50 math/science GPA may be eligible to submit an application for admission prior to the November 15 th deadline.		
SECOND YEAR	Human Anatomy <u>or Human Biology 1 4-5cr</u> Statistics 3cr ➤ Humanities Elective 3cr ➤ Social Science Elective 3cr Total 13-14cr	Physics 4-5cr Human Physiology <u>or Human Biology 2 4-5cr</u> General Elective 6cr Total 14-16cr Cumulative Total 60cr
NOTE: At this point, students accepted into the professional program must have completed a minimum of 60 credit hours including all program prerequisite courses (➤except as noted) and have a minimum 2.80 cumulative and 2.50 math/science GPA prior to the program's Summer II starting date.		

➤ Social/Behavioral science electives (3 cr), Humanities elective (3 cr), and Medical Terminology (1-2 cr) can be completed either prior to or during the professional program. If these courses are not completed prior to starting the program, other electives must be completed to bring the total credit hours to 60cr.

*Students entering the NMT Program in summer 2010 will be required to complete a statistic course for entry.

A BRIEF SUMMARY OF SCHOOL AND PROGRAM ADMISSION REQUIREMENTS

For a complete list, see the School of Medicine Health Professions Programs section of the IUPUI Bulletin. Completion of requirements does not guarantee admission into the program. Competitive grade point averages are generally higher than the stated minimums.

- Credit hours needed prior to entrance 60 credits
- Minimum Grade Point Averages needed Cumulative 2.80; Math/Science 2.50
- Minimum grade needed in prerequisite courses C (2.00)
- Interview Required Yes
- Observe in a Nuclear Medicine Technology Facility Required prior to interview
- Additional Requirements Pre-Interview Questionnaire
- Application Deadline November 15th - year prior to entry

For advising assistance, please contact Health Professions Programs Office at (317) 278-4752, Medical Science Room 259D, askhpp@iupui.edu, or visit us on the web at <http://medicine.iu.edu/hpp>.

THIS SHEET IS FOR ADVISING PURPOSES ONLY. PLEASE REFER TO SCHOOL OF MEDICINE HEALTH PROFESSIONS PROGRAMS SECTION OF THE IUPUI BULLETIN FOR ALL PROGRAM REQUIREMENTS.