

◀ BS Rad Sci - Bachelor of Science in Radiologic Sciences

CON Nuclr Med **Nuclear Medicine**

Under Review | Summer 2025

Proposal Information

Status

Active

Workflow Status

In Progress

Refresh  **Form Submission, Proposer** collapse ▼

Submitted for Approval | Proposer

✓ Eric M Hertenstein | 3/11/2025 1:48 PM

Department Chair Pre-Approval, Radiologic Sciences

Approved | Department Chair

✓ Rebecca R Blankley

Pre Approved Rblankley. Need final approval from Dr.
Selwyn. Rselwyn@salud.unm.edu

3/25/2025 11:40 AM

HSC Technical Check Approval, Registrar Technical Check

Approved | HSC Technical Check

✓ Todd Hynson | 4/01/2025 8:37 AM

Health Professions Dean, School of Medicine

Approved | Health Professions Dean

✓ Shelly McLaughlin | 4/01/2025 9:32 AM

HSC Library Approval, HSC Library

Approved | Library Approval

✓ Melissa Rethlefsen | 4/01/2025 9:46 AM

FSCC Member notification, Faculty Senate Curriculum Committee

Notification Sent | Faculty Senate Curriculum Committee
Member

- ☒ Antoinette Abeyta
- ☒ Joe Anderson
- ☒ Randi Archuleta
- ☒ Laura Belmonte
- ☒ Justin Bendell
- ☒ Isabella Goss
- ☒ Sara Ice
- ☒ Megan Jacobs
- ☒ Joan Lucas
- ☒ Justine Ponce
- ☒ Mary Rice
- ☒ John Russell
- ☒ Jennifer Schneider
- ☒ Julia So
- ☒ SueNoell Stone
- ☒ Jonathan Wheeler

Faculty Senate Curriculum Committee Approval, Faculty Senate Curriculum Committee

Approved | Faculty Senate Curriculum Committee Chair

- Janet Vassilev
- ✓ Nicole Capehart

This is approved.

5/02/2025 11:01 PM

HSC Vice President Academic Affairs Approval, HSC Vice President Academic Affairs

Approved | HSC Vice President Academic Affairs

- ✓ Shelly McLaughlin | 5/06/2025 9:43 AM

Faculty Senate, Faculty Senate

Waiting for Approval | Faculty Senate Approval

Nancy Middlebrook

Theresa Sherman

Registrar Office Final Approval/Processing, Registrar

Approval | Registrar final approval

Michael Raine

Maggie Sumruld

Notification, Proposer

Notification | Proposer

Eric M Hertenstein

EMRT notification, EMRT users

Notification | EMRT user

Enrollment Mgt Reporting Team

Lobotrax notification, LoboTrax Team

Notification | LoboTrax Staff

Sherri DeLeve

Paula Freitag

Hannah Epstein

Allie Martinez

Glenda Johnson

Changes

- Concentration Requirements
- participants
- Proposed Effective Term and Year
- Concentration Justification
- Concentration Description

Show All ▼

Proposal Information

Proposed

Sponsoring faculty/staff member ⓘ

Eric Hertenstein

Proposed

Sponsoring faculty/staff email

ehertenstein@salud.unm.edu

Existing
Sponsoring faculty/staff member ⓘ

Existing
Sponsoring faculty/staff email

| | | |
|--------------------|---------------------|---------------|
| College | Department | Campus |
| School of Medicine | Radiologic Sciences | Main Campus |

Effective Term and Year

Proposed
Proposed Effective Term and Year
Summer 2025

Existing
Proposed Effective Term and Year
Fall 2006

Justification

Proposed
Concentration Justification

There are multiple changes being requested to better align with JRCNMT accreditation requirements, current requirements for general education to allow more flexibility, and an attempt to simplify the major requirements while maintaining the rigor of the program. It did not seem necessary to list ENGL 1110 as a specific requirement, as some students test out of this. The JRCNMT does not require two Chemistry courses, so CHEM 1225 is not required. We wish to allow students to take a CT based Physics course as a potential substitute on the books for Physics 1240. The JRCNMT only requires one general Physics course. We would also like to allow students to use RADS 480 for their cross-sectional anatomy and start phasing out NUCM 380 cross-sectional anatomy. It makes more sense for students to learn the anatomy course before the pathology course. However, we want both to be available for the time being. We are finding that BCIS 1110 or the required philosophy courses are not necessary for our students, although they may be useful for students who wish to take them for GE when applicable. COMM 2120 does not meet GE requirements, so other communication courses that do meet GE would be sufficient for our students instead. Additionally, required courses were put into alphabetical order for program prerequisite courses and numerical order for NUCM and RADS courses (with RADS first due to the order of the program).

Existing
Concentration Justification

Associated Forms

Select any associated Kuali course forms that exist

Select any associated Kuali program forms that exist

Document uploads

Program Information

Degree Name

BS Rad Sci - Bachelor of Science in Radiologic Sciences

Degree Type

Bachelor of Science

Program Type

Undergraduate

Program Description

No Parent Selected

Degree Hours

123-130

Minimum Major Hours

Degree Requirements

- Complete all of the following
 - Completed between 123 and 130 credits from the following types of courses:
Students complete either the Medical Imaging Concentration or Nuclear Medicine. See concentrations below for requirements.
 - The required courses must be completed with a minimum grade point average of 2.50, with each course completed with a grade of "C" or better.

Grand Total Credits: 123 - 130

Concentration Information

Concentration Title

Nuclear Medicine

Program Level

Undergraduate

Concentration Requirements

- Complete all of the following
 - Complete the following:
 - BIOL1140 - Biology for Health Sciences (3)
 - BIOL1140L - Biology for Health Sciences Lab (1)
 - ~~MATH1240 - Pre-Calculus (3)~~
 - ~~PSYC1110 - Introduction to Psychology (3)~~
 - ~~BCIS1110 - Fundamentals of Information Literacy and Systems (3)~~
 - BIOL2210 - Human Anatomy and Physiology I (3)

- BIOL2210L - Human Anatomy and Physiology I Laboratory (1)
- BIOL2225 - Human Anatomy and Physiology II (3)
- BIOL2225L - Human Anatomy and Physiology II Laboratory (1)
- BIOL2305 - Microbiology for Health Sciences (4)
- CHEM1215 - General Chemistry I for STEM Majors (3)
- CHEM1215L - General Chemistry I for STEM Majors Laboratory (1)
- ENGL1120 - Composition II (3)
- **MATH1240 - Pre-Calculus (3)**
- MATH1350 - Introduction to Statistics (3)
- ~~BIOL2210 - Human Anatomy and Physiology I (3)~~
- ~~BIOL2210L - Human Anatomy and Physiology I Laboratory (1)~~
- ~~ENGL2210 - Professional and Technical Communication (3)~~
- PHYS1230 - Algebra-Based Physics I (3)
- ~~BIOL2225 - Human Anatomy and Physiology II (3)~~
- ~~BIOL2225L - Human Anatomy and Physiology II Laboratory (1)~~
- ~~BIOL2305 - Microbiology for Health Sciences (4)~~
- ~~PHYS1240 - Algebra-Based Physics II (3)~~
- ~~RADS378 - Healthcare Delivery and Compliance (3)~~
- ~~RADS406 - Community Engagement and Service Learning (3)~~
- ~~COMM2120 - Interpersonal Communication (3)~~
- ~~RADS398 - Topics in Healthcare Ethics and Diversity (3)~~
- ~~RADS405 - Introduction to Research and Medical Imaging (3)~~
- ~~RADS481 - Human Cross Sectional Pathology (3)~~
- ~~NUCM315 - Radiation Safety (2)~~
- ~~RADS330 - Patient Care (2)~~
- ~~RADS331 - Patient Care Lab (1)~~
- ~~RADS381 - Medical Language Systems Review (1)~~
- ~~NUCM320 - Clinical Nuclear Technology I (4)~~
- ~~NUCM354 - Clinical Radiopharmacy (3)~~
- ~~NUCM375 - Nuclear Physics and Instrumentation (3)~~
- ~~NUCM380 - Nuclear Medicine Cross Sectional Anatomy (2)~~
- ~~NUCM396 - Essentials of Nuclear Medicine Imaging I (3)~~
- ~~NUCM360 - Imaging Instrumentation I (3)~~
- ~~NUCM365 - Clinical Nuclear Technology II (4)~~
- ~~NUCM385 - Imaging Instrumentation II (3)~~
- ~~NUCM392 - Pathology Seminar (4)~~
- ~~NUCM400 - Clinical Nuclear Technology III (3)~~
- ~~NUCM412 - Nuclear Radiation Biology (2)~~
- ~~NUCM415 - Essentials of Nuclear Medicine Imaging II (3)~~
- **Complete at least 1 of the following:**
 - **PHYS1240 - Algebra-Based Physics II (3)**
 - **RADS410 - Physics of Computed Tomography (3)**
- **Earn at least 3 credits from the following:**
 - ~~ENGL1110 - Composition I (3)~~
 - ~~ENGL1110Y - Composition I: Stretch II (3)~~
 - ~~ENGL1110Z - Enhanced Composition (4)~~
- **Complete the following:**
 - **RADS330 - Patient Care (2)**
 - **RADS331 - Patient Care Lab (1)**
 - **RADS378 - Healthcare Delivery and Compliance (3)**
 - **RADS381 - Medical Language Systems Review (1)**

- RADS398 - Topics in Healthcare Ethics and Diversity (3)
- RADS405 - Introduction to Research and Medical Imaging (3)
- RADS406 - Community Engagement and Service Learning (3)
- RADS480 - Human Cross Sectional Anatomy (3)
- RADS481 - Human Cross Sectional Pathology (3)
- NUCM315 - Radiation Safety (2)
- NUCM320 - Clinical Nuclear Technology I (4)
- NUCM354 - Clinical Radiopharmacy (3)
- NUCM360 - Imaging Instrumentation I (3)
- NUCM365 - Clinical Nuclear Technology II (4)
- NUCM375 - Nuclear Physics and Instrumentation (3)
- NUCM385 - Imaging Instrumentation II (3)
- NUCM392 - Pathology Seminar (4)
- NUCM396 - Essentials of Nuclear Medicine Imaging I (3)
- NUCM400 - Clinical Nuclear Technology III (3)
- NUCM412 - Nuclear Radiation Biology (2)
- NUCM415 - Essentials of Nuclear Medicine Imaging II (3)
- Earn at least 3 credits from the following:
 - ~~PHIL1120—Logic, Reasoning, and Critical Thinking (3)~~
 - ~~PHIL1130—Contemporary Moral Issues (3)~~
 - ~~PHIL2140—Professional Ethics (3)~~
- Complete 1 of the following
 - Complete the following:
 - ~~CHEM1225—General Chemistry II for STEM Majors (3)~~
 - ~~CHEM1225L—General Chemistry II for STEM Majors Laboratory (1)~~
 - Complete the following:
 - ~~CHEM2120—Integrated Organic Chemistry and Biochemistry (4)~~
- Earn at least 3 credits from the following:
 - ~~CJ314—Intercultural Communication (3)~~
 - ~~CJ320—Conflict Management and Mediation (3)~~
 - ~~CJ323—Nonverbal Communication (3)~~
 - ~~CJ344—Interviewing (3)~~
 - ~~CJ450—Health Communication (3)~~
- Earn at least ~~12~~ 27 credits from the following types of courses:

In addition to the program-specific requirements outlined here, all undergraduate students are required to fulfill UNM's General Education Courses, Program including requirements courses and other general undergraduate degree requirements to earn a minimum of 120 credits. Please review the General Education Program in this Catalog for General Education information. Students in the Nuclear Medicine Concentration will require: Humanities • ~~or~~ At Fine least Arts 3 ~~or~~ credits Foreign from Language Area I: Communication, beyond ENGL 1120 • At least 3 credits from Area IV: Social Sciences (PSYC 1110 suggested) • At least 3 credits from Area V-A: Humanities ~~or~~ • At least 3 credits from Area V-B: Second Language ~~or~~ • At least 3 credits from Area VI: Arts and Design The U.S. & Global Diversity, Social Equity, Inclusion, & Power (DEIP) Requirement for three undergraduate credits is a University Requirement independent from General Education curriculum requirements and Behavioral Sciences fulfilled through completion of an approved University of New Mexico course. Although these courses may potentially count towards General Education curriculum requirements as well, Humanities students ~~or~~ must Second ensure Language they ~~or~~ complete Arts a and minimum Design of 120 credits for their undergraduate degree.
- Note: When all of the above course work has been satisfactorily completed, the student is eligible to take the certification examinations from the American Registry of Radiologic Technologists (ARRT) and the Nuclear

Medicine Technology Certification Board (NMTCB). The student is strongly encouraged to take these examinations at this point.

Grand Total Credits: 121

Proposed

Concentration Description

The University of New Mexico's Nuclear Medicine program is accredited by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT). The JRCNMT is the only programmatic accrediting agency recognized to accredit nuclear medicine technologist educational programs offered through traditional and distance education formats in the United States and its territories. The JRCNMT holds recognition from the Council for Higher Education Accreditation (CHEA).

Credit hours required for graduation: 120. Refer to the Undergraduate Program section of this Catalog for information on courses that meet General Education curriculum and U.S. and Global Diversity and Inclusion requirements.

A cumulative 3.0 GPA is required to be considered for the program. The required courses found below must be completed with a grade of "C" or better. Courses may be taken in a different order with approval from the student's advisor.

Existing

Concentration Description

The University of New Mexico's Nuclear Medicine program is accredited by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT). The JRCNMT is the only programmatic accrediting agency recognized to accredit nuclear medicine technologist educational programs offered through traditional and distance education formats in the United States and its territories. The JRCNMT holds recognition from the Council for Higher Education Accreditation (CHEA).

Credit hours required for graduation: 130. Refer to the Undergraduate Program section of this Catalog for information on courses that meet General Education curriculum and U.S. and Global Diversity and Inclusion requirements.

A cumulative 3.0 GPA is required to be considered for the program. The required courses found below must be completed with a grade of "C" or better. Courses may be taken in a different order with approval from the student's advisor.

Registrar Office Only

CM Concentration Code

CON Nuclr Med

Catalog

Main Campus

Catalog Activation Date

08/01/06

Notes

BANP

Concentration Code