CON Med Img PHD
Medical Imaging

Under Review | Spring 2027

Proposal Information

Status

Changes

~~Active~~**Inactive**

Workflow Status

In Progress

Refresh **Form Submission, Proposer** collapse

Submitted for Approval | Proposer

✔ Virginia Villegas | 8/20/2026 1:34 PM

Department Chair Pre-Approval, Biomedical Sciences Graduate Program

Approved | Department Chair

✔ Virginia Villegas

approve to deactivate

8/20/2026 3:15 PM

HSC Technical Check Approval, Registrar Technical Check

Approved | HSC Technical Check

✔ Todd Hynson | 8/21/2026 12:19 PM

SOM Dean, School of Medicine

Approved | College or School approver

✔ Teresa A. Vigil-Baca | 8/21/2026 12:23 PM

HSC Library Approval, HSC Library

Approved | Library Approval

✔ Melissa Rethlefsen | 8/21/2026 1:25 PM

SGPC Approval, Faculty Senate Graduate and Professional Committee

Approved | Chair

✔ Robben Brown | 10/16/2026 9:25 AM

FSCC Member notification, Faculty Senate Curriculum Committee

Notification Sent | Faculty Senate Curriculum Committee Member

✉ Joe Anderson
✉ Laura Belmonte
✉ Sara Ice
✉ Mary Rice
✉ John Russell
✉ SueNoell Stone
✉ Jonathan Wheeler
✉ Kirsten Thomson
✉ Paulo Dutra
✉ Randi Archuleta
✉ Joan Lucas
✉ Julia So
✉ Jennifer Henry
✉ Christopher Holden
✉ Justine Ponce

✉ Isabella Goss
✉ Vanessa Ferguson
✉ Lauren McQuistion
✉ Jennifer Laws
✉ Robin A Gatlin
✉ Tiffany L Otero
✉ Sharon Schaaf

Faculty Senate Curriculum Committee Approval, Faculty Senate Curriculum Committee
Approved | Faculty Senate Curriculum Committee Chair

✔ Janet Vassilev

FSCC voted to approve this form 11/13/26.
11/13/2026 1:47 PM

− Nicole Capehart

HSC Vice President Academic Affairs Approval, HSC Vice President Academic Affairs
Approved | HSC Vice President Academic Affairs

✔ Shelly McLaughlin | 11/19/2026 7:50 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

Virginia Villegas

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

- Proposed Effective Term and Year
- Sponsoring faculty/staff member
- Sponsoring faculty/staff email
- Campus
- Concentration Justification

Proposal Information

Proposed
Sponsoring faculty/staff member
Kathryn Frietze

Existing
Sponsoring faculty/staff member
Maggie Sumruld

Proposed
Sponsoring faculty/staff email
kfrietze@salud.unm.edu

Existing
Sponsoring faculty/staff email
msumruld@unm.edu

College
School of Medicine

Department
Biomedical Sciences Graduate Program

Proposed
Campus
Health Sciences Center (Albuquerque)

Existing
Campus
Main Campus

Effective Term and Year

Proposed
Proposed Effective Term and Year
Spring 2027

Existing
Proposed Effective Term and Year
Fall 2026

Justification

Proposed
Concentration Justification
Please remove concentration from Catalog. Courses for this concentration have not been taught for more than 8 semesters. BSGP Steering Committee has approved removal of concentration.

Existing
Concentration Justification
removing inactive course

Associated Forms

Select any associated Kuali course forms that exist

Select any associated Kuali program forms that exist

Document uploads

Program Information

Degree Name
PhD BioMed Sci - Doctor of Philosophy in Biomedical Sciences

Degree Type

Doctor of Philosophy

Program Type

Doctoral

Program Description
No Parent Selected

Degree Hours

66

Minimum Major Hours

Concentration Information

Concentration Title
Medical Imaging

Program Level
Graduate

Concentration Requirements

- Complete all of the following
  - Complete the following:
    - MPHY516 - Fundamentals of Medical Imaging (3)
    - MPHY518 - Advanced Medical Imaging (3)
    - MPHY527 - Radiation Biology for Engineers and Scientists (3)
    - RADS480 - Human Cross Sectional Anatomy (3)
  - Complete at least 2 of the following:
    - BIOM509 - Principles of Neurobiology (3)
    - BIOM510 - Physiology (3)
    - BIOM514 - Immunobiology (3)
    - BIOM515 - Cancer Biology (3)
    - PHRM576 - Molecular and Cellular Pharmacology (3)
  - Earn at least 3 credits from the following:
    - MPHY505 - Selected Topics in Medical Physics (1 - 5)

- Earn at least 9 credits from the following:
    - ECE533 - Digital Image Processing (3)
    - ECE539 - Digital Signal Processing (3)

Grand Total Credits: 30

Concentration Description

The concentration in Medical Imaging will lead to the M.S. or Ph.D. degree, with the majority of students obtaining a Ph.D. Pre-doctoral requisites of the program are one year of BSGP core curriculum followed by an individualized program of upper-level courses and scientific research in the laboratory of a BSGP-approved faculty mentor.

Medical Imaging concentration students conduct research studies under the mentorship of a faculty member or an affiliated faculty member in the Department of Radiologic Sciences, an academic unit of the University of New Mexico School of Medicine. The Radiologic Sciences department is dedicated to providing excellent patient care to the people of New Mexico and the Southwest as well as to the comprehensive education and training of radiologists, medical physicists, technologists, and research scientists in diagnostic imaging. To this end, Radiologic Sciences strives to improve patient care by optimizing image acquisition techniques and developing new imaging methods that increase sensitivity and specificity for disease detection and progression, and the Department is focused on innovating, collaborating, and translating research from bench to bedside. Research laboratories of faculty members and affiliated faculty members of Radiology encompass all modalities of medical imaging with a specific focus on cancer imaging, neurological imaging, substance abuse and cognition/learning, and quantitative imaging techniques in preclinical and clinical disease models.

Registrar Office Only

CM Concentration Code
CON Med Img PHD

Catalog
Main Campus

Catalog Activation Date
08/09/26

Registrar Notes Only

BANP

Concentration Code
MDIM