RADIOLOGIC SCIENCE MAJOR, B.S.

Contact Information
Division of Radiologic Science
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The School of Medicine’s radiologic science program is designed to prepare individuals for professional practice and associated responsibilities in the health specialty of medical imaging. Graduates provide patient assessment and care required for medical imaging procedures in addition to insuring that the highest quality imaging study is completed with the patient’s radiation dose as a factor. In addition to diagnostic radiology, students may select other imaging modalities and practice areas for additional competence and training. These other areas include pediatrics, mammography, computed tomography, magnetic resonance imaging, vascular interventional radiology, and cardiac catheterization laboratory. The curriculum includes course discussions and projects on global health imaging issues and the potential for international experiences in medical imaging departments and programs abroad.

Admission to the program is required. For more information, please consult the degree requirements section of the catalog to the program.

Requirements
In addition to the program requirements listed below, students must:

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC-Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC-Chapel Hill
- earn a minimum of 18 hours of C or better in the major core requirements (some majors require 21 hours).

For more information, please consult the degree requirements section of the catalog to the program.

The schedule of academic work for radiologic science (medical imaging) majors includes the following General Education requirements. Students must complete all Foundations and Approaches requirements and take at least five Connections courses, including global issues, experiential education, and U.S. diversity. In addition, the following specific requirements apply to students in the General College:

Foundations quantitative reasoning requirement (select one):
- MATH 130 Precalculus Mathematics
- MATH 231 Calculus of Functions of One Variable 1
- MATH 232 Calculus of Functions of One Variable II

Six courses in the physical and life sciences
- BIOL 101 Principles of Biology and Introductory Biology Laboratory H

For more information, please consult the degree requirements section of the catalog to the program.

Summer Session II (Junior Year)
- AHSC 440 GROSS ANAT FOR AHS
- RADI 442 Introduction to Radiologic Science

Junior Year Fall Semester
- RADI 461 Radiography I
- RADI 462 Radiographic Imaging I
- RADI 463 Clinical Education I
- RADI 660 Pathophysiology

Junior Year Spring Semester
- RADI 471 Radiography II
- RADI 472 Radiographic Imaging II
- RADI 473 Clinical Education II
- RADI 670 Integrated Principles of Radiographic Analysis

Summer Session I and II (Senior Year)
- RADI 574 Clinical Education III
- RADI 575 Clinical Education IV

Senior Year Fall Semester
- RADI 583 Clinical Education V
RADI 585  Radiologic Health Physics  3
RADI 586  Research in Radiologic Science I  1
RADI 594  Professional Communications and Interactions  3
RADI 694  Clinical Decisions in Radiology  3

Senior Year Spring Semester
RADI 584  Clinical Education VI  6
RADI 597  Leadership in Radiologic Science  3
RADI 681  Trends in Medical Imaging Practices Issues in the Radiology Practice Environment  3
RADI 686  Research in Radiologic Science II  2
Total Hours  72

Special Opportunities in Radiologic Science

Experiential Education
All of the clinical education courses provide students with the opportunity to gain competence and proficiency in all areas of radiologic science practice in a variety of clinical environments.

Undergraduate Awards
Undergraduate students are considered for the Faculty Award for Excellence, the Award for Academic Excellence, and the Tina Robbins Award.

Undergraduate Research
Students complete a two-semester research sequence leading to a project and paper during the senior year of the program and are encouraged to submit the research projects to state and national research competitions.

Certification
Upon graduation, students are eligible to take the national certification examination from the American Registry of Radiologic Technologists in Radiography and in other clinical areas of expertise.

Accreditation
The program leading to the B.S. degree with a major in radiologic science is fully accredited by the Joint Review Committee for Education in Radiologic Technology.

Scholarships and Grants
Students in the Division of Radiologic Science are eligible for Phyllis Ann Canup Pepper Scholarships, the Dr. Jerry Lambiente Loyalty Fund Scholarship, the Rufus “Buddy” Clarke Loyalty Fund Scholarship, and the Jane Cox Hendrix Scholarships.