

PRE-RADIATION SCIENCES

Undergraduate Credit Required	50 hours (60 hours preferred)
Entrance Exam	None
Professional Schooling Required	UNMC: 21 months professional schooling – B.S. in Radiography; various other bachelor's and associate's level medical imaging degrees are available from Nebraska colleges (no prerequisites required)
Local Professional Schools	UNMC; Clarkson (dual degree: AS in Radiology Technology and BS in Medical Imaging); Bryan LGH (BS in Sonography); Nebraska Methodist College (BS Imaging Sciences)
Professional Organization Websites	arrt.org (American Registry of Radiologic Technologists); asrt.org (American Society of Radiologic Technologists); nmtcb.org (Nuclear Medicine Technology Certification Board)

REQUIRED COURSES FOR CURRENTLY ENROLLED UNL UNDERGRADUATE STUDENTS

The following are entrance requirements for UNMC's Radiography Program. A BS degree in Radiography is the base degree required to enter programs such as cardiovascular interventional technology, radiation therapy, computed tomography (CT), magnetic resonance imagery (MRI), and diagnostic medical sonography (ultrasound) at UNMC. Students who are considering other programs are encouraged to contact those schools directly for a list of entrance requirements.

AP/CLEP: A maximum of six hours of AP/CLEP credit will be accepted with no more than 3 accepted from English composition. No AP/CLEP credit will be accepted in math or science.

P/NP: All prerequisite courses should be taken for a grade rather than P/NP. However, prerequisite courses taken as P/NP can be submitted to the Admissions Committee for consideration. P/NP is acceptable for elective course hours.

Math Requirement: Some required science courses, like chemistry, require math as a prerequisite. See your pre-health advisor for math placement information.

REQUIRED COURSEWORK

English Composition – 6 hours		
ENGL 101, 150, 151, 254, or 354		
Course	Term	Grade
ENGL		
ENGL		
Math (College Algebra or higher) – 3 hours		
MATH 101, 103, 104, or 106		
Course	Term	Grade
MATH		
Statistics – 3 hours		
STAT 218, EDPS 459, ECON 215, or PSYC 350		
Course	Term	Grade
Chemistry with lab – 4 hours		
CHEM 109 or 113		
Course	Term	Grade
CHEM		
Biological Sciences with lab – 1 course (pre-req for Anatomy & Physiology)		
BIOS 101/101L, LIFE 120/120L, or LIFE 121/121L		
Course	Term	Grade

Human Anatomy and Physiology with labs – 2 UNL courses (students can fulfill the Anatomy and Physiology requirement with one combined course in Anatomy & Physiology at a community college)		
BIOS 213/213L & BIOS 214		
Course	Term	Grade
Physics with lab – 1 course		
PHYS 141		
Course	Term	Grade
PHYS		
Communication – 3 hours		
COMM 101, 109, 209, or 286		
Course	Term	Grade
COMM		
Humanities – 3 hours		
Psychology, History, Religion, Philosophy, Art (<i>PSYC 181 preferred</i>)		
Course	Term	Grade
Social Sciences – 3 hours		
Sociology, Economics, Political Science, or Anthropology (<i>SOCI 101 preferred</i>)		
Course	Term	Grade

Medical Terminology – 1 course		
CLAS 116		
Course	Term	Grade
Electives – 15 hours		
CSCE 101 is highly recommended (collegiate level computer content)		
Course	Term	Grade

Suggested Sequence of Required Courses	
Semester 1	Semester 2
English Comp I	English Comp II
Biological Sciences with lab	Chemistry with lab
Math	Humanities
Required elective	Required elective
	Required elective
Semester 3	Semester 4
BIOS 213/213L	BIOS 214
Communication	Statistics
Physics	Social Sciences
Medical Terminology	Required elective
Required elective	

EXTRA CURRICULAR INVOLVEMENT & ACTIVITIES

Pursuing physician assistant school requires more than just coursework. Your extracurricular activities, employment, and healthcare experiences like shadowing and volunteering will contribute greatly to your success in this field. See your pre-health advisor in the Explore Center to plan extracurricular activities that will prepare you for this program.

APPLICATION AND ADMISSION

- Applications: Students must apply directly to each radiation science/imaging science program.
- Entrance Exam: There is no entrance exam required.
- Additional admission information. Letters of recommendation and essays may be required. Selected candidates will be interviewed.

ADDITIONAL RESOURCES

Explore Health Careers: explorehealthcareers.org

Nebraska Society of Radiologic Technologists: nsrt.net

University of Nebraska Medical Center
College of Allied Health Professions
 984000 Nebraska Medical Center
 Omaha, NE 68198-4000
 402-559-6673
cahpadmissions@unmc.edu
unmc.edu/alliedhealth/education/rt/index.html

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- ☐ Love Library South
- ☐ 402.472.3605
- ☐ explorecenter@unl.edu
- ☐ Monday-Friday, 8 a.m. – 5
- ☐ explorecenter.unl.edu

