

UNLV Radiography Program

4505 S. Maryland Parkway

Box 453017

Las Vegas, NV 89154

702-895-3296

radiography@unlv.edu

Dear Radiography Program Applicant:

Thank you for your interest in the [Radiography Program at UNLV](#). The instructions for your application into the Radiography Program are included in this packet. **The Radiography Program has limited entry and admission is a competitive process.** You must be admitted to UNLV and complete and submit the three-page Radiography Program application along with all supporting documents.

Please review the entire application process for consideration for acceptance into the Radiography Program. Information about [UNLV](#) can be found on the main website www.unlv.edu. Information about Radiography Program can be found on the program's website <https://www.unlv.edu/hpds/radiography>.

Applications are due by **5 p.m. on the last business day in February**. Each of the following MUST be submitted and in your file in the main Radiography office (BHS 345):

- **Minimum 2.5 Cumulative GPA or higher**
- **Copies of ALL course grades and unofficial transcripts of all colleges attended**
- **Current Degree Worksheet (From a Health Science Advisor)**
- **Pre-admission counseling with the RAD Program Director (call 702-895-3296)**
- **Completed application to the RAD Program**
- **One-page Personal Statement**
- **All supporting documents**

Incomplete applications will not be reviewed by the admissions committee.

Please feel free to contact or visit the main Radiography Office **before the last business day in February** deadline, to ensure your packet is complete. The selected students start the program in the fall semester. Accepted students and alternates will be notified once the selection is complete.

Professionally yours,



Chad Hensley Ph.D., R.T.(R)(MR)
Program Director

ABOUT RADIOLOGY AND UNLV

THE FIELD OF RADIOLOGY

Radiography was the first medical imaging technique developed shortly after the discovery of X-Rays in 1895, by Wilhelm Conrad Roentgen. Since that time, Radiography has remained the basic medical imaging technique with major advances occurring in the field as a result of advances in technology, equipment and the computer. With the development of the mini-computer in the early 1970s, medical imaging entered the world of computer technology resulting in improvements in radiographic equipment. Other developments include advanced imaging techniques such as computed tomography, in the early 1970s, and magnetic resonance imaging, in the early 1980's. These advanced imaging techniques have certifying exams, which may require certification in Radiography as a prerequisite.

CAREER OPPORTUNITIES

Careers in the field are found in a variety of settings from small rural centers to large urban hospitals and clinics and even in some foreign countries where shortages in Technologists are evident. Radiography is a field of its own with advancements possible with additional education and training. Graduates can enter the field as staff Radiographers and with additional certifications, education and administrative positions or into the field of education.

FACILITIES AND FACULTY

Campus facilities in the Rod Lee Bigelow Health Sciences Building provide the student with hands-on experience. These facilities include three radiographic laboratories. The program is affiliated with major hospitals and clinics in the Las Vegas, North Las Vegas and Henderson areas.

Clinical facilities provide students with practical experiences under the direction of imaging professionals and campus faculty. The program provides didactic and laboratory instruction by full-time, part-time and adjunct professionals.

ACCREDITATION

The Radiography curriculum is a structured program and accredited by the Joint Review Committee on Education Radiologic Technology (JRCERT). The curriculum includes required classes in English, mathematics, computer science and biology; and radiography didactic, laboratory and clinical courses. Upon successful completion of the program, the student is eligible to take the national American Registry of Radiologic Technologists' (ARRT) certifying exam in Radiography

Current accreditation status is 8-Years.

Joint Review Committee on Education in Radiologic Technology (JRCERT)

20 N. Wacker Dr., Suite 2850

Chicago, IL 60606-2901

Phone: 312-704-5300

Email: mail@jrcert.org

www.jrcert.org

MISSION, GOALS AND ADMISSION

The Radiography Program is housed within the School of Integrated Health Sciences in the Department of Health Physics and Diagnostic Sciences. The Program offers a Baccalaureate degree in Comprehensive Medical Imaging (CMI)– Radiography and an option for a Certificate of Completion for those already having a bachelor’s degree or higher. The program is designed to prepare students for entry-level clinical practice.

MISSION

In concert with the Mission and Goals of the University of Nevada, Las Vegas, the Radiography Program is dedicated to the education of students in preparation for entry level clinical practice. Program administration, faculty and staff provide didactic and clinical education opportunities, which adhere to recognized standards, to all eligible students. The Program is committed to graduating students who are prepared to write appropriate certifying examinations and who are prepared to become practicing Radiography Professionals.

GOALS AND OUTCOMES

1. Students will become clinically competent.
 - a. Students will display proper radiologic positioning skills.
 - b. Students will demonstrate proper exposure factor selection.
 - c. Students will practice proper radiation safety.
 - d. Students will provide appropriate patient care.
2. Students will develop acceptable critical thinking skills.
 - a. Students will recognize patient conditions and initiate appropriate treatments.
 - b. Students will determine corrective measures that may be needed for suboptimal radiographs.
3. Students will develop acceptable communication skills.
 - a. Students will communicate effectively with patients and others.
 - b. Students will demonstrate effective written communication skills.
4. Students will demonstrate professionalism.
 - a. Students will demonstrate professional behaviors.
 - b. Students will demonstrate a professional work ethic.

ADMISSION PROCESS

Applicant files are reviewed by the Program Admissions Committee during the spring semester for acceptance to the class starting in the fall semester. Admission is based on the accumulation of points. Points are awarded based on the following:

Academic History	Percentage of total points
Cumulative GPA (GPA of all colleges attended, including UNLV)	14%
Select course grades*	43%
Personal Statement (See guidelines in the application)	18%
Prior experience (see areas within the application)	12%
Prior application (Points are awarded for up to (2) reapplications)	7%
Committee points (Awarded by the Admissions Committee)	6%

*The following courses are awarded points based on the grades received from a standard 4.0 scale

RAD 100	BIO 189	KIN 223	CS 115 or IS 101
RAD 117	ENG 101/102	KIN 224	MATH 126/127 or higher

BACHELOR OF SCIENCE IN COMPREHENSIVE MEDICAL IMAGING CURRICULUM CONCENTRATION IN RADIOLOGICAL SCIENCES/RADIOGRAPHY

GENERAL EDUCATION REQUIREMENTS (36-39)

- 1st and 2nd Year Seminars (4-6)
 - HSC 100 First Year Experience (2)
 - English 231, 232, or PBH 205 (3)
- ****English 101 (3)**
- ****English 102 (3)**
- US and NV Constitution (4-6)
 - PSC 101 or HIST 100 (4)
- ****Math 126 & 127 or higher (6)**
- Social Sciences (9)
- Humanities (6)
- Fine Arts (3)
- Multicultural (3) can be filled with Multicultural cross reference list
- International (3) can be filled with International cross reference list

SCIENCE REQUIREMENTS (26)

- ****Biology 189/189L (4)**
- ****Kinesiology 223/223L (4)**
- ****Kinesiology 224/224L (4)**
- ****Computer Science 115 or IS 101 (3)**
- Physics 151/151L (4)
- Chemistry 108 (4) or higher
- Health Physics 420 (3)

RADIOGRAPHY PROFESSIONAL COURSEWORK (55)

- | | | | |
|------------------------|---------------|---------------|---------------|
| • CMI 360 (3) | • RAD 317 (3) | • RAD 371 (1) | • RAD 333 (3) |
| • CMI 376 (3) | • RAD 350 (3) | • RAD 372 (3) | • RAD 334 (5) |
| • **RAD 100 (3) | • RAD 351 (1) | • RAD 373 (1) | • RAD 474 (3) |
| • **RAD 117 (3) | • RAD 354 (3) | • RAD 331 (5) | • RAD 486 (3) |
| • RAD 102 (3) | • RAD 370 (3) | • RAD 332 (3) | |

ADDITIONAL COURSE FOR IN DEPTH STUDY

1. RAD 490 (3)

* May be repeated up to 6 credits

****Highlighted courses** must be completed prior to application for admittance to the Radiography Program.

All other Highlighted prerequisite courses must be completed or enrolled in prior to application.

If (**) courses are not completed and/or other highlighted courses not in progress, application may be deemed ineligible.

120 TOTAL SEMESTER HOURS

RADIOGRAPHY PROGRAM PROFESSIONAL 2-YEAR COURSEWORK

JUNIOR YEAR (TOTAL HOURS: 30CR)

FALL I

RAD 350 Physics of X-ray Production	3cr
RAD 351 Physics of X-ray Production Laboratory	1cr
RAD 370 Radiographic Procedures I	3cr
RAD 371 Radiographic Procedures Skills Laboratory	1cr
RAD 102 Radiation Science	3cr
<i>Total Semester Hours</i>	<i>11cr</i>

SPRING I

RAD 317 Advanced Patient Care for the Radiologic Sciences	3cr
RAD 354 Digital Radiographic Technique and Practices	3cr
RAD 372 Radiographic Procedures II	3cr
RAD 373 Radiographic Procedures Skills Laboratory II	1cr
PHYS 151 General Physics I	4cr
<i>Total Semester Hours</i>	<i>14cr</i>

SUMMER I

RAD 331 Radiography Clinical Education II	5cr
<i>Total Semester Hours</i>	<i>5cr</i>

SENIOR YEAR (TOTAL HOURS: 30CR)

FALL II

CMI 376 Sectional Anatomy in Medical Imaging	3cr
RAD 332 Radiography Clinical Education III	3cr
CMI 360 Principles of Computed Tomography	3cr
RAD 486 Ethics and Medical Law in Radiology	3cr
<i>Total Semester Hours</i>	<i>12cr</i>

SPRING II

RAD 333 Radiography Clinical Education IV	3cr
RAD 474 Radiography and Special Imaging Pathology	3cr
HPS 420 Radiation Biology	3cr
CHEM 108 Introduction to Chemistry	4cr
<i>Total Semester Hours</i>	<i>13cr</i>

SUMMER II

RAD 334 Radiography Clinical Education V	5cr
<i>Total Semester Hours</i>	<i>5cr</i>

NOTE: All courses must be taken in the order listed except PHYS 151, CHEM 108, RAD 102, HPS 420, and CMI 376 which may be taken during any semester offered. While it is strongly recommended CMI 360 be taken as written, it may also be taken whenever offered.

TRANSFER COURSEWORK, GRADUATION REQUIREMENTS, TITLE IX, & CLINICS

TRANSFER COURSEWORK

UNLV Radiography Program courses are only offered at UNLV. The Radiography Program **does not accept** transfer credit of previous Radiography courses taken at other institutions.

Students entering UNLV's Radiography Program may transfer some general education course work from other institutions. It should be noted that acceptance of courses is subject to change. Thus, prior to enrolling in a course, the student should verify that a course is still transferable with the UNLV Admissions Office. It is recommended that all students meet with their advisor.

GRADUATION REQUIREMENTS

1. Maintain an overall GPA of 2.5 or higher in all coursework.
2. Carry no more than 8 credits below a 'C' that is not an 'F' in any required coursework other than RAD/HPS/CMI.
3. Obtain a grade of 'C' or higher in RAD, HPS, CMI coursework.
 - a. May repeat any RAD, HPS, CMI course up to (2) times for grades below a 'C'.
 - b. An 'F' in any RAD coursework results in expulsion

TITLE IX

UNLV does not discriminate in its employment practices or in its educational programs or activities, including admissions, on the basis of sex/gender pursuant to Title IX, or on the basis of any other legally protected category as is set forth in NSHE Handbook Title 4, Chapter 8, Section 13. Reports of discriminatory misconduct, questions regarding Title IX, and/or concerns about noncompliance with Title IX or any other anti-discrimination laws or policies should be directed to UNLV's Title IX Coordinator. The [Title IX Coordinator](#) can be reached through the online reporting form at <https://www.unlv.edu/compliance/titleIX>, by phone at (702) 895-4055, by mail at 4505 S. Maryland Parkway, Box 451062, Las Vegas, NV, 89154-1062, or in person at Frank and Estella Beam Hall (BEH), Room 555.

CLINICAL OBLIGATIONS

Clinical education is a vital component in the training of a Technologist. The UNLV Radiography Program affiliates with acute care hospitals and outpatient imaging centers to provide a robust clinical education. UNLV faculty will assign students to clinical sites that provide a wide range of procedures. Clinical placement is solely determined by the Program and it is the student's responsibility to procure transportation to and from their clinical assignments.

Clinical assignments include:

1. 24 hours per week during the Fall II and Spring II semesters
2. 40 hours per week during Summer I and Summer II semesters
3. A minimum of 80 hours of a swing shift is required. A swing shift is defined as a shift ending at or after 7:00pm.

PROGRAM CLINICAL AFFILIATES

DESERT SPRINGS HOSPITAL – 2075 E. Flamingo Rd., Las Vegas, NV 89109

HENDERSON HOSPITAL – 1050 W. Galleria Dr., Henderson, NV 89011

MOUNTAIN VIEW HOSPITAL – 3100 N. Tenaya Way, Las Vegas, NV 89128

NORTH VISTA HOSPITAL – 1409 E. Lake Mead, North Las Vegas, NV 89030

SPRING VALLEY HOSPITAL – 5400 South Rainbow Boulevard, Las Vegas, NV 89118

ST. ROSE DOMINICAN, SAN MARTIN CAMPUS – 8280 W. Warm Springs Rd., Las Vegas, NV 89113

ST. ROSE DOMINICAN, SIENA CAMPUS – 3001 St. Rose Pkwy., Henderson, NV 89052

SUMMERLIN HOSPITAL – 657 Town Center Dr., Las Vegas, NV 89144

SUNRISE HOSPITAL AND MEDICAL CENTER – 3186 Maryland Pkwy., Las Vegas, NV 89109

UNIVERSITY MEDICAL CENTER (UMC) – 1800 W. Charleston Blvd., Las Vegas, NV 89102

VALLEY HOSPITAL AND MEDICAL CENTER – 620 Shadow Lane, Las Vegas, NV 89106

DESERT RADIOLOGY

- 7200 Cathedral Rock Suite 230, Las Vegas, NV 89128
- 6675 S. Cimarron Rd Suite 105, Las Vegas, NV 89113
- 3920 S. Eastern Suite 100, Las Vegas, NV 89119
- 31 N. Nellis Blvd., Las Vegas, NV 89110
- 2020 Palomino Lane Suite 100, Las Vegas, NV 89106
- 2811 Horizon Ridge Pkwy., Henderson, NV 89052
- 3025 S. Rainbow Blvd., Las Vegas, NV 89146
- 480 S. Wynn Rd., Las Vegas, NV 89103

SIMONMED – 3560 E. Flamingo Rd. Ste 100, Las Vegas, NV 8912

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