

## Program Description

### PROFESSION

Radiation therapy is a multifaceted career that combines working in a highly technical environment with the opportunity to work closely with patients and members of many other professions to provide a high standard of clinical care. Radiation therapy is the therapeutic application of ionizing radiation to malignant and benign conditions. The therapist is responsible for delivering the treatment, which is prescribed by a radiation oncologist; maintaining accurate treatment records; and implementing quality-assurance plans. A radiation therapist must be detail oriented; able to work accurately under pressure; and most important, able to interact empathically with patients. Individuals who show initiative and are capable of critical thinking and problem solving make good radiation therapists.

### PROGRAM

The Bachelors of Science degree in Radiation Therapy is a full time program. It is intended for Radiographers who seek additional specialization. The program is also open to other qualified applicants in the nursing or allied health fields. There are two ways to apply for the program: The program is 24 months (8 quarters) long for applicants who have a minimum of a AS degree in Nursing or other allied health field that involves direct patient care. The application window is January 1 to March 31; for a summer start.

## Program Length

24 months (8 quarters)

## Possible Careers

Radiation Therapist

## Application Deadlines

Quarter	Application Open	Priority Deadline	Final Deadline
Summer of 2020	Oct 1, 2019	—	Apr 1, 2020

## Admissions Requirements

- Be an ARRT registered radiographer (two-year minimum degree) or a Registered Nurse or graduate of an accredited Allied Health Program with patient care experience (2-year minimum degree)
- 24 hours of career observation in a Radiation Oncology Department

### Prerequisites

Applicants must be either an ARRT registered radiographer (two-year minimum degree) or a Registered Nurse or graduate of an accredited Allied Health Program with patient care experience (2-year minimum degree) and completed the following subjects at an accredited college or university prior to entering the program:

- Human anatomy and physiology with laboratory, complete sequence
- Pre-calculus
- Medical terminology
- Patient-care methods
- Radiation physics, radiation protection, principles of radiography (available in the summer professional program for those who do not have it)
- General psychology or developmental psychology

### General Education:

**Humanities** – 28 units' minimum (choose minimum of three areas from: history, literature, philosophy, foreign language, art/music appreciation/history). Included in this minimum, 4 units of religion per year of attendance at a Seventh-day Adventist college or university. Eight units of religion are included in the B.S. degree core as a co-requisite. A total of 28 quarter units are required to fulfill this area.

**Natural Sciences** – The study of natural sciences must include a minimum of 12 units. The units in natural sciences must be selected from two of the following content areas: biology, chemistry, geology, mathematics, physics, and statistics. Required: College algebra/Pre-Calculus- starting with entry year 2017, (taken within 3 years), Human Anatomy and Physiology with a lab (a 2-course sequence in Anatomy and Physiology, with labs is acceptable).

**Social Science** – must have a total of 12 quarter units of social science, General psychology or developmental psychology is required. Select additional units from: economics, geography, political science, psychology, sociology, or anthropology.

**Communication** – English composition, complete sequence, and oral communication/public speaking are required. A minimum of 9 units are needed to complete this area.

**Health and Wellness** – Personal health or nutrition and two physical activity courses are required to meet the minimum of 3 quarter units.

**Electives** – may be needed to meet the minimum requirements of 192 quarter units (34-36 quarter units).

**Diversity Requirement** - The diversity requirement is fulfilled in the BSRS portfolio core courses: AHCJ 493 Senior Portfolio I and AHCJ 494 Senior Portfolio II (this was approved by the University GE committee for the BSRS and BSNM programs).

### Discipline Accrediting Agency

Loma Linda University is regionally accredited by the Western Association of Schools and Colleges (WASC), 985 Atlantic Avenue, Suite 100, Alameda, CA 94501;

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telephone: (510) 748-9001.

**Expected Cost of Attendance**

**Academic Year**

Year of Program:	Year 1	Year 2
Tuition	\$33,000	\$25,080
Fees	\$3,520	\$3,520
Books & Supplies	\$2,000	\$1,500
Instruments	—	—
Misc (e.g., Boards, Licensing exam, Uniforms)	—	—
<b>Total</b>	<b>\$38,520</b>	<b>\$30,100</b>

**Notes**

Expected costs for the academic year are based on full time attendance. From year to year, increases are anticipated consistent with inflation in the professional education sector.

**Estimated Living Expenses**

**Academic Year , off campus, with a roommate**

Year of Program:	Year 1	Year 2
Months enrolled	12	12
Room & Board	\$15,540	\$15,540
Transportation	\$3,840	\$3,840
Personal Expenses	\$2,760	\$2,760

**Notes**

- Amounts are what a student can apply to borrow for the number of months shown in each academic year based on living off campus with a roommate and not with a relative.
- International students need to calculate 12 months of living expenses based on the numbers listed here.
- In general, to qualify for financial aid a student must be enrolled at least half time taking degree requirements. Half time is 6 units in a quarter for undergraduate programs and 4 units in a quarter for graduate programs.