



LOMA LINDA UNIVERSITY

Prerequisites for the Bachelor of Science in Radiation Therapy Program

ADMISSION REQUIREMENTS

Courses listed as course requirements **MUST** be completed at a Western Association of Schools and Colleges (WASC) college or university.

- Prerequisite courses must be met – a total of 47 quarter units of specific courses plus 34-36 electives that can be taken from the radiation technology, healthcare program, or associate degree (science area preferred) courses.
- 24 hours of career observation in a Radiation Oncology Department
- GPA of 3.0 or better, higher is more competitive
- Admissions essay
- Three letters of recommendation
- Interview

PRIOR DEGREE

Applicants must hold one of the following degree before entering the program:

- ARRT registered radiographer (2-year minimum degree)
- Registered Nurse or graduate of an accredited Allied Health Program with patient care experience (2-year minimum degree) and complete the prerequisite subjects at an accredited college or university prior to entering the program
- Associate degree (science area preferred) and completed prerequisites at an accredited college or university prior to entering the program.

REQUIRED PREREQUISITES

In addition to the above required degree, all candidates must complete the following required course prerequisites:

- Anatomy and Physiology, two-part sequence with labs
- Medical Terminology
- College Algebra (within the past five years)
- Patient care methods
- Introduction to Physics
- Radiation physics, radiation protection, principles of radiography (available in the summer professional program at LLU)
- General psychology or developmental psychology

DOMAIN REQUIREMENTS

Applicants must complete the following subjects at an accredited college or university prior to entering the program. The requirements for meeting these courses may have already been met by completing a prior degree.

HUMANITIES (minimum 20 quarter/14 semester 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 BS core, as a co-requisite. A total of 28 quarter units are required to fulfill this area.

NATURAL SCIENCES (minimum of 12 quarter/8 semester 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, all mathematic course must be taken within five years. Human Anatomy and Physiology with a lab (a 2-course sequence in Anatomy and Physiology, with labs is acceptable). Introduction to Physics. associate degree (science area preferred) courses.

SOCIAL SCIENCES (12 quarter/8 semester unit's min.)

General Psychology or developmental psychology is required. Select additional units from: economics, geography, political science, psychology, sociology, or anthropology.

COMMUNICATION (minimum of 9 quarter/6 semester units)

English composition, complete sequence and oral communication/public speaking are required.

HEALTH AND WELLNESS (minimum of 3 quarter/2 semester units)

Personal health, or nutrition and two physical activity courses are required.

ELECTIVES - (May be needed to meet minimum requirements of 192 quarter units (34-36 semester units)

DIVERSITY REQUIREMENTS - The diversity requirement is fulfilled in the BSRS portfolio core courses: AHCJ 493 Senior Portfolio I and AHCJ 494 Senior Portfolio II

Please Note: C- grades or below are not transferable for credit. If you repeat a class the latest grade is recognized. Courses must be from an Accredited Institution.

Additional Requirements

CPR - Students are required to have a current Health Care Provider CPR Card offered by the American Heart Association upon admission into to the program. Students must maintain certification for the entire length of the program. CPR is offered through the [Life Support Education Department](#)

Deadlines

All prerequisites must be completed by September of the same year that you plan to start the program.

Completing GE Courses at LLU

Anatomy and Physiology, Medical Terminology, Physics and other GE courses are offered through the School of Allied Health Professions Basic Sciences Department.

Department of Radiation Technology

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