

Course Requirements

96 hours distributed as follows:

Domain 1: Religion & Humanities

Minimum, 20 quarter hours distributed as follows

➤ **Religion**

Take 4 hours of religion courses for each year of attendance at an SDA College: 4-8

➤ **Humanities**

Take the remaining 12-16 hours from at least three of the following areas: 12-16

- Art/Music, Performing Arts (max 4 hours);
- Literature, Philosophy;
- History, Foreign Language

The following courses are recommended options:

- ARTH 115+116 History of Western Art I,II (4+4)
- MUHL 105 Survey of Music (3)
- ENGL 212+213 Shakespeare in Perf+Project (2+1)
- ENGL 301 Themes in Literature (4)
- PHIL 101 Introduction to Philosophy (4)
- HIST 101+102 History of World Civ I,II (4+4)
- HIST 134+135 History of the United States I,II (4+4)
- SPAN 105 Span for Hlth Care Prof (4)
- Any foreign language

Domain 2: Scientific Inquiry & Analysis

➤ **Natural Sciences**

Take the following required courses: 37

BIOL 101	Human Anatomy	5
BIOL 102	Human Physiology	5
BIOL 223	Medical Terminology	2
CHEM 101 or 111	Intro or General Chemistry I	4-5
MATH 106	College Algebra	4
PHYS 105+106L	Introduction to Physics+Lab	5+1

➤ **Social Sciences**

Take the following required courses: 12

PSYC 121	General Psychology	4
PSYC 234	Human Development	4
SOCI 121	Introduction to Sociology	4

Domain 3: Communication

Take the following required course sequence: 8

ENGL 101+102	College English I,II	4+4
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Take one of the following courses: 3-4

COMM 105	Communication & Public Speaking(4)
COMM 326	Advanced Public Speaking (3)

Domain 4: Health & Wellness

Take one of the following courses: 2-3

FDNT 235	Nutrition (3)
HLED 162	Fitness for Life (2)
HLED 166	Health Education (2)

Take at least two courses from the following: 2

ESAC	Exercise Science Activity Courses (1)
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Domain 5: Electives

Take additional electives as needed to meet the minimum requirement of 96 transferable quarter hours.

Work Experience:

At least 24 hours work/observation experience in a nuclear medicine department of a hospital or clinic is required (as a volunteer or employee).

PLEASE NOTE: C minus (C-) grades are not transferable for credit to Loma Linda University

Health Sciences, A.S.

Pacific Union College offers an A.S. degree with a major in Health Sciences. This major can be taken in conjunction with the pre-nuclear medicine requirements. For more information, see page NHSC-03 or contact the Health Sciences advisor in the Nursing and Health Sciences Department.

Occupational Information

General Areas of Service

Nuclear Medicine is the medical specialty that utilizes the nuclear properties of radioactive and stable nuclides to make diagnostic evaluations of the anatomic or physiologic conditions of the body. The skills of the Nuclear Medicine technologist complement those of the Nuclear Medicine physician and of other allied health professionals.

Professional Training

Upon completion of the B.S. requirements at Loma Linda University, the student is eligible to sit for the qualifying examinations in

1. Nuclear Medicine of the American Registry of Radiologic Technologists (ARRT)
2. The Nuclear Medicine Technology Certification Board (NMTCB) for Nuclear Medicine.

Once the student has completed the board exams for the ARRT or the NMTCB, they can apply to the State of California, Department of Health Sciences for the California license.

Students will be able to sit for the boards for Positron Emission Technology (PET), and Computed Tomography (CT) exam from the ARRT after additional clinical training has been completed

Job Outlook

Favorable opportunities for both full and part-time work are anticipated.

For More Information

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 Pacific Union College
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Department of Radiation Technology
 School of Allied Health Professions
 Loma Linda University, Loma Linda, CA 92350
 (909) 824-4931 or (800) 422-4558
 radsci@llu.edu

The applicant is advised to contact the chair of the LLU Department of Radiation Technology by the fall quarter of the sophomore year.

To apply online, go to: <http://www.llu.edu/apply/>
 Note: Admission requirements are subject to change each year.

Sample Two-Year Program

This sample curriculum is designed to show you how a program may be constructed and to help you select a proper sequence of courses in the major. It is not likely that these courses can always be taken in the order given. Your advisor will help you design a personalized program of studies.*

First Year	F	W	S
Intro to Allied Health	2	-	-
General or Introductory Chem	4-5	4-5	4-5
College English I,II	4	-	4
Comm & Pub Spk or Adv Public Speaking	-	3-4	-
Religion Course	3	-	-
Exercise Science Activity Courses	1	1	-
Health & Wellness Course*	-	2-3	-
Humanities Course*	-	-	3-4
Social Sciences Courses	-	3-4	3-4
Electives	1	-	-
	≤16	≤17	≤17
Second Year	F	W	S
Issues in Allied Health	-	-	2
Human Anatomy	5	-	-
Human Physiology	-	5	-
Medical Terminology	-	-	2
Intro to Physics & Lab	-	-	6
College Algebra	4	-	-
Religion Courses	3	3	-
Humanities Courses*	4	4	-
Electives	-	4	6
	16	16	16

Third and Fourth Years are taken at Loma Linda University.

* See "Courses Requirements" for requirements and options when selecting courses in the various areas.