

**Course Requirements**

90 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 Spanish for Healthcare I (3)
- Any foreign language

**Domain 2: Scientific Inquiry & Analysis**

► **Natural Sciences (12 units min)**

Take the following required courses: 37

- BIOL 101 Human Anatomy 5
- BIOL 102 Human Physiology 5
- BIOL 223 Medical Terminology 2
- MATH 106 College Algebra 4
- PHYS 105 Introduction to Physics 5

► **Social Sciences (2 areas, 12 units min)**

Take the following required courses: 12

- PSYC 121 General Psychology 4
- PSYC 234 Human Development 4

► **Select additional units from:**

Take the remaining 4-5 hours from the following areas: 4-5

- Anthropology, Economics, Geography, Political Science, Psychology, Sociology

The following courses are recommended:

- ANTH 124 Cultural Anthropology (4)
- ECON 261 Macroeconomics (4)
- ECON 265 Microeconomics (4)
- GEOG 210 World Regional Geography (3)
- PLSC 124 Introduction to American Govt (4)
- SOCI 121 Introduction to Sociology (4)\*
- SOCI 355 Cultural Diversity (3)\*

**Domain 3: Communication**

Take the following required course sequence: 8

- ENGL 101+102 College English I,II 4+4

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)

**Domain 5: Electives**

Take additional electives as needed to meet the minimum requirement of 90 transferable quarter hours.

The Honors version of any courses required for this major is also acceptable for transfer.

**Additional Requirements:**

Students are required to have a current Health Care Provider CPR Card offered by the American Heart Association upon admission to the program and must maintain certificates for the entire length of the program.

**Work/Observation Experience:**

At least 24 hours work/observation experience in a radiation oncology 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. or B.S.**

Pacific Union College offers an A.S. or B.S. degree with a major in Health Sciences. These majors can be taken in conjunction with the pre-nuclear medicine requirements. For more information, see page KNLS-03 or KNLS-04, or contact the Health Sciences advisor in the Kinesiology 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**

Kinesiology and Health Sciences Department  
 Pacific Union College  
 One Angwin Avenue, Angwin, CA 94508  
 Phone: (707) 965-6313

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: [www.llu.edu/apply/](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.\*

<b>First Year</b>	<b>F</b>	<b>W</b>	<b>S</b>
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 Pub Spk	-	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	-	-
	<b>≤16</b>	<b>≤17</b>	<b>≤17</b>

  

<b>Second Year</b>	<b>F</b>	<b>W</b>	<b>S</b>
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
	<b>16</b>	<b>16</b>	<b>16</b>

**Third and Fourth Years** are taken at Loma Linda University.

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