Course Requirements

96 hours distributed as follows:

**Domain 1: Religion & Humanities**  
**Minimum, 20 quarter hours distributed as follows**

- **Religion**  
  Take 4-8 hours of religion courses: 4-8  
  (4 hours required per year of attendance at a SDA College)

- **Humanities**  
  Take the remaining 12-16 hours from at least three of the following areas: 12-16  
  Art; Music (max 4 hours of applied art and music)  
  Literature; Philosophy  
  History; Foreign Language.

The following courses are recommended:

- ARTH 115+116  
  History of Western Art I, II (4+4)
- ENGL 301  
  Themes in Literature (4)
- ENGL 331  
  Literature for Adolescents (4)
- MUHL 105  
  Survey of Music (3)
- PHL 101  
  Introduction to Philosophy (4)
- HIST 101+102  
  History of World Civilizations I, II (4+4)
- HIST 134+135  
  History of the United States I, II (4+4)
- Any foreign language

**Domain 2: Scientific Inquiry & Analysis**

- **Natural Sciences**  
  - BIOL 101+102  
    Human Anatomy + Physiology 5+5
  - BIOL 223  
    Medical Terminology 2
  - CHEM 111+2+3  
    General Chemistry 5+5+5
  - MATH 106  
    College Algebra 4
  - PHYS 105+106L  
    Introduction to Physics 5+1

- **Social Sciences**  
  - PSYC 121  
    General Psychology 4
  - PSYC 234  
    Human Development 4
  - SOCI 121  
    Introduction to Sociology 4

**Domain 3: Communication**

- ENGL 101+102  
  College English I, II 4+4
- COMM 105  
  Introduction to Communication 3

**Domain 4: Health & Wellness**

Take at least two courses from the following:  
ESAC (Exercise Science Activity) courses 1+1

Take one of the following courses: 2-3

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

**Domain 5: Electives**

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

**Observation Experience:**

Twenty-four hours in a nuclear medicine department of a hospital or clinic is required (as a volunteer or employee).

PLEASE NOTE that 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 guidesheet 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 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 Tomography (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.
### 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.*

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

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