Pacific Union College
Major in Health Sciences, A.S.

NHSC-03

2017-2018

Major Course Requirements

A minimum of 61 hours

**Required Core Courses (38-39 hours):**

- HLTH 101 Introduction to Allied Health Professions 2
- HLTH 201 Issues in Allied Health Professions 2

**Science and Mathematics**

- At least 20 hours from the following courses 20
  - Include courses from at least 2 separate areas

  **Area 1: Biology**
  - BIOL 101 Human Anatomy (5)
  - BIOL 102 Human Physiology (5)
  - BIOL 111 Biological Foundations I (5)
  - BIOL 112 Biological Foundations II (5)
  - BIOL 113 Biological Foundations III (5)
  - BIOL 223 Medical Terminology (2)
  - MICR 134 General Microbiology (5)

  **Area 2: Chemistry**
  - CHEM 101 Intro to Chemistry (4)
  - CHEM 102 Survey of Organic Chemistry (4)
  - CHEM 103 Survey of Biochemistry (4)
  - CHEM 111 General Chemistry I (5)
  - CHEM 112 General Chemistry II (5)
  - CHEM 113 General Chemistry III (5)
  - CHEM 371 Organic Chemistry I (4)
  - CHEM 372 Organic Chemistry II (4)
  - CHEM 373 Organic Chemistry III (4)

  **Area 3: Mathematics & Statistics**
  - MATH 106 College Algebra (4)
  - MATH 130 Precalculus (5)
  - MATH 131 Calculus I (4)
  - STAT 222 Introduction to Statistics (4)

  **Area 4: Physics**
  - PHYS 105 Introduction to Physics (5)
  - PHYS 111 General Physics I (4)
  - PHYS 112 General Physics II (4)
  - PHYS 113 General Physics III (4)

  **Social Science**
  - At least 12 hours from the following courses 12
    - Include courses from at least 2 separate prefixes

  - ANTH 124 Cultural Anthropology (4)
  - ECON 261 Macroeconomics (4)
  - ECON 263 Microeconomics (4)
  - GEOG 210 World Regional Geography (3)
  - PLSC 124 Intro to American Govt (3)
  - PSYC 121 General Psychology (4)
  - PSYC 126 Assertive Behavior (2) (or SOWK 126)
  - PSYC 234 Human Development (4)
  - SOCI 121 Introduction to Sociology (4)
  - SOCI 214 The Family (4)
  - SOCI 355 “Racial” & Ethnic Relations (3)

  **Health**
  - At least one of the following courses: 2-3

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

  **Required Cognate Courses (23 hours):**

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

  **Ethics**
  - At least one of the following courses: 3
    - RELB 315 Biblical Ethics (3)
    - RELT 216 Intro to Christian Ethics (3)
    - RELT 355 Christian Ethics in Society (3)
    - RELT 390 Christian Bioethics (3)

  **Humanities**
  - At least 12 hours from the following courses 12
    - Include courses from at least 3 separate areas*

    **Area 1: Art**
    - ARTH 115 History of Western Art I (4)
    - ARTH 116 History of Western Art II (4)

    **Area 2: History**
    - HIST 101 History of World Civilizations I (4)
    - HIST 102 History of World Civilizations II (4)
    - HIST 134 History of the United States I (4)
    - HIST 135 History of the United States II (4)

    **Area 3: Literature**
    - ENGL 212 Shakespeare in Performance (2-3)
    - ENGL 301 Themes in Literature (4)

    **Area 4: Modern Languages**
    - CHIN 111 Beginning Chinese I (4)
    - FREN 111 Beginning French I (4)
    - GRMN 111 Beginning German I (4)
    - ITAL 111 Beginning Italian I (4)
    - SPAN 105 Spanish for Health Care Prof: Basic (3)
    - SPAN 111 Beginning Spanish I (4)
    - SPAN 205 Spanish for Health Care Prof: Intermediate (3)

    **Area 5: Music**
    - MUHL 105 Survey of Music (3)
    - MUHL 245 World Music and Culture (3)

    **Area 6: Philosophy**
    - PHIL 101 Introduction to Philosophy (4)

*Students who have completed courses from 3 separate areas but are short of the required 12 hours may elect to apply up to 3 hours of approved applied arts coursework to the humanities requirement.

Student Learning Outcomes

Students can:

- Identify and describe the different roles of allied health professionals.
- Identify and analyze ethical issues facing allied health practitioners and the healthcare environment.
- Write clearly and effectively.
- Explain general scientific processes and techniques.
- Demonstrate an understanding of human diversity and behavior.
Occupational Information

What can I do with this major?
The A.S. in Health Sciences is a general studies degree with an emphasis on the life and social sciences. This degree is appropriate for students with an interest in the field of health sciences.

Advising and curriculum planning is offered for students who wish to select a pre-professional program in conjunction with the A.S. in Health Sciences (see opposite side for details).

Pre-Professional Programs
Advising and curriculum planning is offered for students who wish to select one of the following pre-professional programs for admission to Loma Linda University in conjunction with the A.S. in Health Sciences:

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<td>Pre-Clinical Laboratory Science</td>
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<td>Pre-Communication Sci &amp; Disorders</td>
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<td>Pre-Cytotechnology</td>
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<td>Pre-Dental Hygiene</td>
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<td>Pre-Health Information Admin</td>
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<td>Pre-Medical Radiography</td>
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<td>Pre-Physical Therapy Assisting</td>
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<td>Pre-Respiratory Therapy</td>
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Students who wish to pursue admission to a pre-professional program at an institution other than Loma Linda University may be able to design a curriculum to meet their needs as well.

Please consult with the pre-allied health advisor in the Nursing and Health Sciences Department for additional information.

For More Information
Nursing and Health Sciences Department
Health Sciences Advisor
Pacific Union College
One Angwin Avenue
Angwin, CA 94508
(707) 965-7262 (phone)
Website: www.puc.edu/academics/departments/nursing/health-sciences

General Education Requirements
To view general education requirements for this major, please refer to page A-07, Summary of General Education Requirements: A.S. Degree.

How to Construct Your Own Program
1. Counsel with your advisor.
2. Consider your aptitudes, interests, and available courses.
3. Schedule major courses and cognates first.
4. Fill the rest of your schedule with G.E. requirements.
5. For the freshman year include English, Religion, and PE courses. Also include Basic Algebra I+II unless waived by previous work.

What the Degree Includes
A total of 90 quarter hours including:
1. General Education requirements.
2. Major requirements.
3. Minimum 2.0 GPA, overall and major.

Sample Two-Year Program
This sample curriculum is designed to show you how a program may be constructed 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
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