



Foundation for CAREER FIELDS

Nursing
 Physical Therapy
 Occupational Therapy
 Medicine
 Dentistry
 Pharmacy
 And more health careers

Why earn these certificates?

- Excellent for resume to obtain jobs in health-related fields
- Focus on coursework in proper sequence required to apply to health programs
- Earn a college level certificate

A certificate of achievement may be earned in Pre-Health Professions I by completing 10 units of required courses and Pre-Health Professions II by completing 18 units of required courses with a "C" or higher in each course.

Student Support

A Health and Related Sciences Counselor can assist you to plan your academic, transfer, and career success while connecting you to essential resources.

<https://laccd.craniumcafe.com/group/lattc-health-and-related-sciences-pathway>

Los Angeles Trade-Technical College

PRE-HEALTH PROFESSIONS

The health-related professions continue to be in high demand. The Pre-Health Professions I and II Certificates provides the core courses in biology, chemistry, and mathematics needed to apply to various health-related programs, which includes but are not limited to nursing, physician assistant, pharmacy, physical therapy, occupational therapy, dental hygiene, radiology technology, dentist, and medical doctor.

After program completion, students will be able to apply the process of science to the study of life and human health; apply basic chemistry concepts to perform experiments, and use algebraic skills needed in the scientific field. Students will also develop the knowledge and skills to prepare for various required health program's admission exam, including the TEAS exam for the Registered Nursing Program at LATTC.

The Pre-Health Professions I and II Certificate can be completed concurrently.

| Semester 1 | Units |
|---------------------|-------|
| English 101* | 3 |
| Biology 5 (Pre-req) | 4 |
| Math 125** | 5 |
| Total = 12 | |

| Semester 3 | Units |
|-------------------|-------|
| Physiology 1** | 4 |
| Microbiology 20** | 4 |
| Psych 41^ | (3) |
| Total = 8 | |

| Semester 2 | Units |
|-------------------|-------|
| Anatomy 1* | 4 |
| Chemistry 51** | 5 |
| Psychology 1* | 3 |
| Total = 12 | |

| Total | Units |
|---------------------------|-------|
| *Certificate 1 | 10 |
| **Certificate II | 18 |
| ^Recommended elective (3) | 3 |
| Total = 28 | |

Note: Higher level courses may be used as a substitute.

Health and Related Sciences

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Health & Related Sciences Pathway - Pre-Health Professions

Los Angeles Trade-Technical College
400 W. Washington Blvd.
Los Angeles, CA 90015

Pre-Health Professions I

Program Overview

The health-related professions will continue to be in high demand. Our students aim to enter fields such as nursing, medicine, dentistry, pharmacy, occupational therapy and physical therapy. The Pre-Health Professions I and II Certificates will provide the core courses in biology, chemistry, and mathematics needed to apply to these health-related programs.

After completing these courses, students will be able to apply the process of science to the study of life and human health. In addition, students will be able to apply basic chemistry concepts to perform experiments and use algebraic skills needed in the scientific field.

Students will have the knowledge and skills to help prepare them to take the required admissions exams. For example, students will be prepared to take the TEAS exam to apply for the Registered Nursing Program at LATTC.

The Pre-Health Professions II Certificate follows the Pre-Health Professions I Certificate.

PRE-HEALTH PROFESSIONS I

■ Certificate of Achievement

Required Units: 10 Units

A Certificate of Achievement in Pre-Health Professions I may be earned by completing 10 units of Required courses with a “C” or better in each course.

REQUIRED COURSES

| Semester I | | UNITS |
|-------------|-----------------------------------|-------|
| ENGLISH 101 | College Reading and Composition I | 3 |

| Semester II | | UNITS |
|-------------|-------------------------------|-------|
| PSYCH 001 | General Psychology I | 3 |
| ANATOMY 001 | Introduction to Human Anatomy | 4 |

ELECTIVE COURSES

| | | UNITS |
|-----------|---|-------|
| PSYCH 041 | Life-Span Psychology: From Infancy to Old Age | 3 |

Health & Related Sciences Pathway - Pre-Health Professions

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Pre-Health Professions II

Program Overview

The health-related professions continue to be in high demand. The Pre-Health Professions II Certificate provides the core courses in biology, chemistry, and mathematics needed to apply to various health-related programs. Coursework provides many science prerequisites for programs in the health professions, which includes but are not limited to nursing, physician assistant, pharmacy, physical therapy, occupational therapy, dental hygiene, radiology technology, dentist, and medical doctor.

After program completion, students will be able to apply the process of science to the study of life and human health; apply basic chemistry concepts to perform experiments, and use algebraic skills needed in the scientific field. Students will also develop the knowledge and skills to prepare for various required health program's admission exam.

PRE-HEALTH PROFESSIONS II

■ Certificate of Achievement

Major Units: 18-19

A Certificate of Achievement in Pre-Health Professions II may be earned by completing 18-19 units of Required courses with a "C" or better in each course.

REQUIRED COURSES

| <u>Semester I</u> | | <u>Units</u> |
|-------------------|----------------------|--------------|
| MATH 125 | Intermediate Algebra | 5 |

| <u>Semester II</u> | | <u>Units</u> |
|--------------------|---------------------------|--------------|
| CHEM 051 | Fundamentals of Chemistry | 5 |

| <u>Semester III</u> | | <u>Units</u> |
|---------------------|----------------------------------|--------------|
| MICRO 001 | Introductory Microbiology | 5 |
| -Or- MICRO 020 | General Microbiology (4) | |
| PHYSIOL 001 | Introduction to Human Physiology | 4 |