



Public Health

The Field of Public Health

Today there is an increasing emphasis upon wellness and the resolution of health problems by all levels of government, the military, and industry. People are concerned about their health. A concerned nation is in need of educated, trained, and sensitive individuals to meet the physical, psychological, and social needs of our country and developing nations throughout the world.

The Department of Public Health

The Department of Public Health offers curricula leading to a bachelor's degree. The program has a major and a minor in health science, with options in community health, environmental health science/ industrial hygiene, and health administration.

These options prepare students for employment in environmental health, community health, public health, hospitals, and voluntary health agencies, as well as many allied health professions. The department supervises field work and internships in local agencies and businesses to provide students with practical experience.

Careers in Public Health

The various programs are designed to prepare the student for health-related careers in a number of different settings, both public and proprietary. For example, demand for registered environmental health specialists continues to be strong, while industrial hygienists also find a favorable job market. The need for health care and public health administrators remains unmet. Health educators find positions in health maintenance organizations, public health departments, hospitals, voluntary health agencies, and similar institutions.

Future Education

All department undergrad options prepare students for advanced degrees such as: MS, MPH, Ph.D., Dr.PH, Ed.D.

General Preparation

Aside from those personal qualities normally expected of any professional, a student considering a health-related profession needs a desire to serve people in order to enjoy a satisfying career. Further, the technical nature of the health fields requires that a student be competent in mathematics and the general sciences.

High School Preparation

Students should meet California State University's admission requirements in terms of college preparatory course requirements, grade point average, and test scores. Coursework in biology, chemistry, and physics is strongly recommended.

College Program

Students should consult the university's *General Catalog* for specific major and university requirements. Community college transfers should consult their catalogs to ensure that courses taken are CSU transferable (baccalaureate level). In addition, the department has prepared a four-year degree program to facilitate the progress of entering freshmen.

General Education

Students should complete as many of the Fresno State General Education requirements as possible during the freshman and sophomore years, whether they are attending Fresno State or a community college. Community colleges can certify up to 39 of the units required in Fresno State's General Education pattern.

California State University, Fresno

Department of Public Health

559.278.4014

B.S. in Health Science

Options:

- *Community Health*
- *Environmental/ Occupational Health and Safety*
- *Health Administration*

Minors in Health Science and Public Health

Master of Public Health (MPH)

With Options:

- *Health Promotion*
- *Health Policy and Management*



Public Health

Course Requirements

As changes may occur, students should consult the current *General Catalog*, as well as that for their year, and a Fresno State adviser prior to registering for courses.

Lower Division

Freshman-Sophomore level courses
(may be taken at a community college)

Required of all options:
Public Health Statistics
(Fresno State HS 92)

Community Health Option

Life Science or Human Ecology
(BIOL 10)
Introductory General Chemistry (CHEM 3A)
Introductory Organic and Biochemistry
(CHEM 3B)
Human Anatomy and Physiology (PHYAN 33)

Environmental/Occupational Health and Safety Option

Introductory Biology (BIOSCI 1A and 1B)
Chemistry 1A and 1B or equivalent
Microbiology (MICRO 20)

Health Administration Option

Principles of Microeconomics (ECON 40)
Principles of Macroeconomics (ECON 50)
Essentials of Accounting (ACCT 3)
Computers for the Health Professions (HS 182)
or Computer Concepts (IS 52 and 52L)

Upper Division

Junior-Senior level courses
(to be taken at Fresno State)

Health Science Core

Community Health
Epidemiology of Disease
Environment and Human Health
Public Health Administration
Public Health Statistics

Community Health Option

Contemporary Health Issues
Habit-Forming Substances
Health Behavior
Human Sexuality
Principles of Health Education
Health Education Methods
Introduction to Human Disease

Environmental/Occupational Health and Safety Option

Risk Assessment and Analysis
Evaluation of the Occupational Environment
Principles of Toxicology
Environmental Health
Directed Group Study
Public Health Laboratory Techniques
Occupational and Industrial Health

Health Administration Option

Health Law and Legislation
Contemporary Health Issues
Health Care Administration
Administration Principles of Management
Health Care Economics
Marketing Concepts

**For additional
information, write**

**California State
University, Fresno
Department of
Public Health**

2345 East San Ramon
M/S MH30
Fresno, California
93740-8031

Visit or call

**Department of
Public Health**

McLane Hall,
Room 184
559.278.4014

[www.csufresno.edu/
healthscience](http://www.csufresno.edu/healthscience)

PLEASE NOTE: This document is for general informational purposes only. The information is subject to change; consult the appropriate department or an academic adviser. Entering freshmen must follow the revised General Education program effective fall 1999 and thereafter. The university catalog and schedule of courses may be purchased from the Fresno State Kennel Bookstore, 559.278.4062. Revised 6/07