PUBLIC HEALTH

Public Health: Making an Impact on Health for All

Bachelor of Science (B.S.) in Public Health

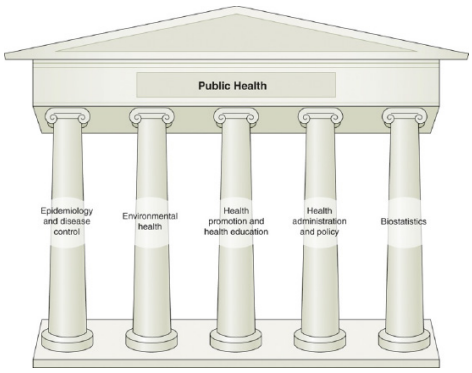
CSUB Public Health Program

The CSUB Public Health Program is committed to preventing disease, promoting health, prolonging life and reducing health disparities in the Central Valley.

CSUB Public Health Program Learning Outcomes

Upon completion of the B.S. in Public Health, students will:

- Apply a multi-dimensional approach to public health
- Identify individual, community, and societal factors that impact health
- Demonstrate competence in applying theories of behavior change
- Create theory and evidence based health programs and policies



Public Health Disciplines

- Biostatistics
- Epidemiology
- Health Education & Promotion
- Health Policy & Management
- Environmental Health

What Do Public Health Professionals Do?

To achieve health equity, public health professionals collect and analyze data, develop programs that protect the health of individuals, families, and communities, and evaluate current and future health policies.

Public Health professionals play a variety of roles:

- Provide education to inform and empower people about health issues.
- Monitor health data to identify potential health issues in the community.
- Set safety standards to protect workers.
- Respond to disasters and emergencies.
- Develop and carry out programs to help eliminate health disparities.
- Lowering risks and health impacts from environmental exposures that may cause health problems.

Where Do Public Health Professionals Work?

- Local, State or Federal Public Health Agencies
- Healthcare Systems, such as HMOs or large hospitals
- Advocacy Groups or Non-Profit Organizations
- Academic and Research Institutions

Degree requirement

The B.S. in Public Health curriculum includes an interdisciplinary set of specific courses designed to provide students with a foundation in Public Health and related fields of study.

- Major Requirements: 79 units
- Free Elective Units: 6 units
- General Education: 35 units
- Total Units Required to Graduate: 120 units

COLLEGE OF NATURAL SCIENCES, MATHEMATICS AND ENGINEERING
CSU BAKERSFIELD ™

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Degree Requirements

Core Requirements Specific to the Major

Lower Division Core Units:
37 units: (12 courses)

BIOL 1009 Perspectives in Biology
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BIOL 2210 Human Anatomy
BIOL 2220 Human Physiology
BIOL 2600 Current Health Problems
KINE 1018: Lifetime Fitness
CHEM 1000/ 1001 Found. of Chemistry plus Laboratory
OR CHEM 1003 plus B1 course*
KINE 1018: Lifetime Fitness
MATH 2200: Intro to Statistical Concepts OR KINE 2018, PSYCH 2018, SOC 2208
PSYCH 1018: Explore. In Psychology
SOC 1008: Intro. To Sociology
PH 2000: Introduction to Public Health
PH 2020: Health Communication

Upper Division Core:
24 units: (8 courses)

KINE 3118: Epidemiology and Wellness
PH 3117: Introduction to Health Promotion and Theory
PH 3218: Health Equity*
PH 3310: Community Needs Assessment and Program Planning
PH 3410: Health Policy
PH 4110: Research Methods
PH 4918: Senior Seminar in Public Health
HCA/PPA 4250: US Health Care System
*Pending approval

Transfer pathway for Bakersfield College students to complete a Bachelor of Science (B.S.) in Public Health degree at CSUB:
Students of the AS-T in Public Health Science at Bakersfield College (BC) can finish 60 semester units at BC and 60 semester units of the B.S in Public Health at CSUB to complete the degree.
For the detailed transfer pathway from BC to CSUB on how to complete your B.S. in Public Health degree in four years, please visit: http://programmap.csub.edu/academics

Upper Division Electives (18 units)
18 units (12 units must be upper division) selected from list of pre-approved upper division courses: (substitutions may be allowed with pre-approval)

BIOL 2010: Introductory Biology – Cells
BIOL 2230: Microbiology
BIOL 2240: Principles of Nutrition
BIOL 3210: Human Ecology
BIOL 3220: Human Pathophysiology
BIOL 3440: Virology
BIOL 4200: Medical Microbiology
ECON 3108: Economics of Health and Health Care
ERM 3010: Introduction to Occupational Safety and Health Management
HIST 4528: Plagues and Public Health: Epidemiology and Society since 1800
KINE 3340: Child and Adolescent Physical Activity and Health
KINE 4160: Exercise and Aging
KINE 4170: Worksite Health Promotion
KINE 4220: Behavioral Aspects of Physical Activity and Exercise
MATH 3210: Applied Statistical Computing and Multivariate Methods
PSYC 3260: Social Psychology
PSYC 3430: Adults in Later Life
PSYC 3620: Psychological Aspects of Human Sexuality
PSYC 4320: Mental Health and Aging
PSYC 4340: Health Psychology
SCI 3019: Revolutionary Ideas in Human Biology
SOC 4620: Sociology of Health of Wellness
SOC 4630: Sociology of Medicine

Free Electives: 8-9 units
*A minimum GPA for these 79-80 units is 2.0

General Education Requirements:

Students should read the CSUB catalog and be familiar with the curriculum, and consult with their faculty advisor for specific questions related to the major.

32 units (19-20 units of GE are met by courses in the major)

Lower Division GE:
- First Year Seminar (2 units)
- Area A Foundational Skills (9 units)
  - MATH 2200, PSYC 2018, KINE 2018, or SOC 2208 satisfies A4 requirement
- Area B Natural Sciences (xx units)
  - CHEM 1000/1001 satisfies B1 (*If you take CHEM 1003, you must complete a B1 course)
  - BIOL 1009 satisfies B2
- Area C Arts & Humanities (6 units)
- Area D Social & Behavioral Sciences (xx units)
  - PSYC 1018 satisfies Area D
- Area F Ethnic Studies (3 units)
- American Institutions (6 units)
- SELF (xx units)
  - KINE 1018 satisfies SELF requirement

Upper Division GE:
- Junior Year Diversity Requirement (xx units)
  - PH 3218 may satisfy JYDR requirement *pending approval
- Upper Division Area B (xx units)
  - satisfied by major program
- Upper Division Area C (3 units)
- Upper Division Area D (3 units)
  - KINE 3118 satisfies UD Area D
- GWAR (exam or 3-unit class)
- Capstone (3 units)
  - PH 4918 satisfies Capstone