# PUBLIC HEALTH, BS

Natural Sciences, Mathematics, and Engineering (nsme) ([link](https://catalog.csusb.edu/general-information/csbs-informationundefined/))

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## Program Requirements

The Bachelor of Science Degree in Public Health curriculum includes an interdisciplinary set of specific courses designed to provide students with a foundation in Public Health and Health related fields of study. **This degree is not intended for pre-medical or similar areas of pre-professional study.** Students seeking a Bachelor of Science degree with a major in Public Health must complete the following:

## Code | Title | Units
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**General Education Requirements**
First-Year Seminar (FYS) | | 2
Lower Division Area A: Foundational Skills | | 9
Lower Division Area B: Natural Sciences | 3 | 0
Lower Division Area C: Arts and Humanities | | 6
Lower Division Area D: Social and Behavioral Sciences | 4 | 0
Lower Division Area E: Student Enrichment and Lifelong Learning (SELF) | 4 | 0
Lower Division Area F: Ethnic Studies | | 3
American Institutions: Government and History | | 6
Junior Year Diversity & Reflection (JYDR) | 4 | 0
Graduation Writing Assessment Requirement (GWAR) | 4 | 3
Upper Division Thematic Area C and D | | 3
General Education Capstone | | 0
**General Education Subtotal** | | 32

## Core Requirements

### Lower Division Core

- **BIOL 1009** Perspectives in Biology | 3
- **BIOL 2210** Human Anatomy | 4
- **BIOL 2220** Human Physiology | 4
- **BIOL 2600** Current Health Problems | 3
- **CHEM 1000** Foundations of Chemistry | 4
- **CHEM 1001** Foundations of Chemistry Laboratory | 3
- **KINE 1018** Lifetime Fitness | 2
- **MATH 2200** Introduction to Statistical Concepts and Methods | 4
- **or KINE 2018** Introduction to Statistics for Health Sciences
- **or PSYC 2018** Introduction to Statistical Methods in Psychological Research
- **or SOC 2208** Introduction to Statistics in the Social Sciences
- **SOC 1008** Introduction to Sociology | 3
- **PH 2000** Introduction to Public Health | 3
- **PH 2020** Health Communication | 3

### Upper Division Core

- **KINE 3118** Epidemiology and Wellness | 3
- **PH 3110** Health Promotion and Theory | 3

## Electives

Select 18 units of the following pre-approved courses:

- **PH 3218** Health Equity | 3
- **PH 3310** Community Needs Assessment and Program Planning | 3
- **PH 3410** Health Policy | 3
- **PH 4110** Research Methods | 3
- **PH 4918** Senior Seminar in Public Health | 3
- **HCA/PPA 4250** U.S. Health Care System: Then and Now | 3

## Additional Units Needed Towards Graduation

**Total Units**

1. A minimum GPA for these 79 units is 2.0
2. 12 units must be upper division; (substitutions may be allowed with pre-approval)
3. A modification to the standard GE program has been approved that allows the possibility of satisfying some GE requirements through the major:
   - B1/B3 is satisfied if you completed CHEM 1000 Foundations of Chemistry and CHEM 1001 Foundations of Chemistry Laboratory
   - (If you take CHEM 1003 Foundations of Chemistry for Healthcare Professionals you must complete a B1 course)
   - B2/B3 is satisfied by BIOL 1009 Perspectives in Biology.
   - The units for Area B can range from 0-3 depending on which CHEM course the student selects.
4. Several major courses (19-20 units) double count with the GE
• B4 is satisfied by MATH 2200 Introduction to Statistical Concepts and Methods, PSYC 2018 Introduction to Statistical Methods in Psychological Research, KINE 2018 Introduction to Statistics for Health Sciences or SOC 2208 Introduction to Statistics in the Social Sciences
• Area D is satisfied by PSYC 1018 Explorations in Psychology
• SELF requirement is satisfied by KINE 1018 Lifetime Fitness
• JYDR is satisfied by PH 3218 Health Equity
• Upper Division Area D is met by KINE 3118 Epidemiology and Wellness
• Upper Division Area B is not required
• Capstone is incorporated into PH 4918 Senior Seminar in Public Health

Public Health majors must achieve a C- or higher in all major courses (PH 2000, PH 2020, KINE 3118, PH 3110, PH 3218, PH 3310, PH 3410, PH 4110, HCA 4250, PH 4918). If the student achieves lower than a C-, they will be required to repeat the course for graduation.

CHEM courses could have a range of 4-6 units depending on selection: CHEM 1000 Foundations of Chemistry(3) & CHEM 1001 Foundations of Chemistry Laboratory(2) OR CHEM 1003 Foundations of Chemistry for Healthcare Professionals