

# BS IN PUBLIC HEALTH (OCCUPATIONAL SAFETY AND HEALTH)



## SACRAMENTO STATE

### In Workflow

1. PUBH Chair (m.mink@csus.edu)
2. HHS College Committee Chair (andrea.becker@csus.edu)
3. HHS Dean (sac19804@csus.edu)
4. Academic Services (catalog@csus.edu)
5. Senate Curriculum Subcommittee Chair (curriculum@csus.edu)
6. Faculty Senate Executive Committee Chair (kathy.honeychurch@csus.edu)
7. Faculty Senate Chair (kathy.honeychurch@csus.edu)
8. Dean of Undergraduate (gardner@csus.edu)
9. Dean of Graduate (cnewsome@skymail.csus.edu)
10. President (khtudor@csus.edu)
11. Provost (amy.wallace@csus.edu; minekh@csus.edu)
12. Chancellor's Office (catalog@csus.edu)
13. WASC (amy.wallace@csus.edu)
14. Catalog Editor (catalog@csus.edu)
15. Registrar's Office (k.mcfarland@csus.edu)

### Approval Path

1. Mon, 09 Sep 2024 21:47:24 GMT  
Michael Mink (m.mink): Approved for PUBH Chair
2. Wed, 18 Sep 2024 02:50:39 GMT  
Andrea Becker (andrea.becker): Rollback to PUBH Chair for HHS College Committee Chair
3. Thu, 19 Sep 2024 23:55:17 GMT  
Michael Mink (m.mink): Rollback to Initiator
4. Fri, 20 Sep 2024 23:32:14 GMT  
Michael Mink (m.mink): Approved for PUBH Chair
5. Sat, 21 Sep 2024 03:21:20 GMT  
Andrea Becker (andrea.becker): Approved for HHS College Committee Chair
6. Mon, 23 Sep 2024 16:38:01 GMT  
Robert Pieretti (sac19804): Approved for HHS Dean

### History

1. Mar 12, 2020 by Susan Perez (susan.perez)
2. Apr 29, 2020 by Janett Torset (torsetj)
3. Apr 20, 2021 by 220267334
4. Aug 4, 2022 by 301127606
5. Aug 10, 2022 by 302822325

Date Submitted: Fri, 20 Sep 2024 16:40:11 GMT

**Viewing: BS in Public Health (Occupational Safety and Health)**

**Last approved: Wed, 10 Aug 2022 22:58:13 GMT**

**Last edit: Tue, 24 Sep 2024 18:33:14 GMT**

Changes proposed by: Susan Perez (217369465)

**Academic Group: (College)**

Health & Human Services

**Academic Organization: (Department)**

Public Health

**Catalog Year Effective:**

2025-2026 Catalog

**Individual(s) primarily responsible for drafting the proposed degree major program:**

Name (First Last)	Email	Phone 999-999-9999
Susan Perez	susan.perez@csus.edu	530-848-8011

**Type of Program Proposal:**

Major

**Program Change Type:**

Substantive

**Is this a pilot program?**

No

**Delivery Format:**

Hybrid

**Title of the Program:**

BS in Public Health (Occupational Safety and Health)

**Designation: (degree terminology)**

Bachelor of Science

**Briefly describe the program proposal (new or change) and provide a justification:**

The revised name and updated courses better align our program with the field and practice of public health. Course revisions are intended to update the curriculum, reflecting requirements that are better aligned with our program learning objectives. The change in format, from face-to-face to hybrid, allows us to offer a combination of in-person and online courses to address student constraints in accordance with the Chancellor's office's standards. Lastly, we are removing the pre-major requirement to allow direct admission into our program. The pre-major (lower division) courses are still required, but this change allows students to declare the major before completing those required courses, thus removing one of the primary barriers to entry into the program. The pre-major requirement was installed several years ago when this program was impacted. Now that impaction has been removed, this extra barrier no longer serves the program or our students.

**University Learning Goals****Undergraduate Learning Goals:**

Competence in the disciplines  
 Knowledge of human cultures and the physical and natural world  
 Intellectual and practical skills  
 Personal and social responsibility  
 Integrative learning

**Program Learning Outcomes****Program Learning Outcomes****Learning Outcome**

1. Demonstrate critical thinking skills through the application of health promotion, prevention and protection theories and concepts.
2. Integrate diverse disciplines such as sociology, psychology, chemistry, biology, anatomy, and physiology in the identification and control of psycho#social and physical factors affecting health.
3. Demonstrate effective writing composition and oral communication skills.
4. Work collaboratively with others in problem solving, research, decision#making and the completion of projects.
5. Articulate values, ethics and standards of the profession.

**Learning Outcomes Display**

Course Code	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5
BIO 20					
BIO 10					
PUBH 50					
PUBH 98					
STAT 1					
PUBH 100					
PUBH 116					
PUBH 118					
PUBH 147					
PUBH 148					
PUBH 151					
CHEM 6A					
PHYS 5A					
PUBH 106					
PUBH 107					
PUBH 108					
PUBH 109					
FIN 138					
HROB 153					
HROB 155					
MGMT 101					
MGMT 102					
MKTG 160					
PSYC 108					
PUBH 154					
ENVS 128					
ENVS 130					
ENVS 140					
ENVS 144					
ENVS 165					
BIO 39					
BIO 140					
CHEM 6B					
CM 20					
CRJ 169					

PUBH 110					
PUBH 112					
PUBH 119					
PUBH 170					
PUBH 195					

Will this program be required as part of a teaching credential program, a single subject, or multiple subject waiver program (e.g., Liberal Studies, Biology) or other school personnel preparation program (e.g., School of Nursing)?

No

**Please attach a Comprehensive Program Assessment Plan (required)**

BS Public Health\_Assessment CO Grids.xlsx

**Please attach a Curriculum Map Matrix (required)**

BSPH conc comps matrix IDMs.docx

**Please attach a five-year budget projection (required)**

FormB\_BudgetNarrative\_PublicHealthDegree.docx

**Do these changes impact the Smart Planner roadmap?**

Yes

**Please attach the Smart Planner roadmap:**

BS\_OSH\_PUBH.docx

**Briefly describe the change:**

The Smart Planner roadmap has been updated to reflect the curriculum changes as a result of updates in the program courses.

**Catalog Description:**

**Units required for Major: 58-62**

**Total units required for BS: 120**

## Program Description

The academic area of study in Public Health is part of the College of Health and Human Services. Students pursue a Public Health concentration leading to a degree with specialization and job skills applicable to one of two professional areas of study: Health Promotion or Occupational Safety & Health. The program supports focused academic preparation in each concentration such that Public Health BS graduates will have job appeal in their chosen professional field.

Students can expect to be involved in both coursework and field experiences across areas of Public Health practice and within each concentration, such as consumer health issues, alcohol and other drugs, human sexuality, health promotion, unintentional injury causes and prevention, and other personal, occupational, and community health and safety issues.

Students should check the Department website for requirements and speak with the Public Health academic advisor to help with their academic plans.

**Note:** Students graduating with a BS in Public Health (all concentrations) will not be subject to the University's Foreign Language Graduation Requirement. Students who change major may be subject to the University's Foreign Language Graduation Requirement.

**Admission Requirements: Course prerequisites and other criteria for admission of students to the degree major program, and for their continuation in it.**

## Admission Requirements

### Direct Admission

When applying to Sacramento State through CSU Apply, selecting Public Health (all concentrations) will grant admission without any additional supplemental documentation.

The Bachelor of Science in Public Health program requires 12 units of lower-division courses that should be completed prior to starting upper division coursework.

### Additional Information

**Repeat Policy:** Public Health majors can only repeat Public Health courses one time if they receive less than a "C." Students must meet with their academic advisor before petitioning the department to repeat the course. Refer to the Repeat Policy section of the Sacramento State Catalog for additional information.

**Credit by Examination:** A student who seeks course credit by examination is to enroll in the course to be challenged. No course may be challenged after the first two weeks of the semester. The instructor of the course will conduct an assessment of the student's readiness for the challenge for credit examination. Refer to Credit by Examination section of the Sacramento State Catalog.

**Advising:** It will be necessary to work very closely with an advisor to complete the BS degree in a timely manner. Therefore, the Public Health faculty strongly recommends that all Public Health students consult with an advisor prior to enrollment for any course. This procedure should be followed each semester.

As defined by policy <http://www.csus.edu/umannual/acadaff/fsm00010.htm>, a change in units constitutes a substantive change to the program. If your changes constitute a substantive change, please refer back to the "Program Change Type" field above to ensure that "Substantive" is selected.

**Program Requirements: (If new courses are being created as part of a new program, it will be useful to propose courses first.)**

## Program Requirements

Code	Title	Units
<b>Required Lower Division Courses (12 Units)</b>		
BIO 20 or BIO 10	Biology: A Human Perspective Basic Biological Concepts	3
PUBH 50	Healthy Lifestyles	3
PUBH 98	Health Science ProSeminar	3
STAT 1	Introduction to Statistics <sup>1</sup>	3
<b>Required Upper Division Courses (18 Units)</b>		
PUBH 100	Fundamentals of Safety and Health	3
PUBH 116	Public Health Policy, Management & Administration	3
PUBH 118	Introduction to Public Health (This has been revised to Introduction in Public Health)	3
PUBH 147	Health Data Analysis	3
PUBH 148	Epidemiology	3
PUBH 151	Introduction to the U.S. Healthcare System	3
<b>Concentrations (24-32 Units)</b>		
Select one concentration from the following:		24 - 32
Health Promotion		
Occupational Safety and Health		
<b>Total Units</b>		<b>54-62</b>

<sup>1</sup> Course also satisfies General Education (GE)/Graduation Requirement.

**Note:** Public Health courses depend upon concentration, permission of the faculty advisor, program coordinator, and department chair.

### Concentration in Occupational Safety and Health (30 - 32 units)

Code	Title	Units
CHEM 6A	Introduction to General Chemistry	5
PHYS 5A	General Physics: Mechanics, Heat, Sound	4
PUBH 106	Occupational Health	3
PUBH 107	Occupational Safety	3
PUBH 108	Occupational Health and Safety Laws and Regulations	3
PUBH 109	Cause and Control of Occupational Loss	3
Choose 1 of the following (Risk Management)		3
FIN 138	Principles of Risk Management and Insurance	
HROB 153	Employment Law	
HROB 155	Conflict Management and Negotiation	
MGMT 101	Legal Environment of Business	
MGMT 102	Business Communications	
MKTG 160	Principles of Quality Management	
PSYC 108	Organizational Psychology	
PUBH 154	Healthcare Organizational Behavior	
Choose 1 from the following (Environmental Science)		3
ENVS 128	Environment and the Law	

ENVS 130	Environmental Toxicology	
ENVS 140	Energy, Society, and the Environment	
ENVS 144	Sustainability Science & Policy	
ENVS 165	American Environmental History	
Choose 1 from the following (Other)		3 - 5
BIO 39	Microbiology for Allied Health Students	
BIO 140	Medical Microbiology and Emerging Infectious Diseases	
CHEM 6B	Introduction to Organic and Biological Chemistry	
CM 20	Construction Materials and Processes	
CRJ 169	Emergency Management	
PUBH 110	Issues in Occupational Health and Safety	
PUBH 112	Disease Prevention	
PUBH 119	Community Health Promotion	
PUBH 170	Course PUBH 170 Not Found	
PUBH 195	Fieldwork - Health or Safety	
<b>Total Units</b>		<b>30-32</b>

<sup>1</sup> Course also satisfies General Education (GE)/Graduation Requirement.

## General Education Requirements <sup>1</sup>

Code	Title	Units
<b>Area A: Basic Subjects (9 Units)</b>		
A1	Oral Communication	3
A2	Written Communication	3
A3	Critical Thinking	3
<b>Area B: Physical Universe and Its Life Forms (6 Units)</b>		
B1	Physical Science <sup>2</sup>	0
B2	Life Forms	3
B3	Lab (Note: Lab experience to be taken with one of the following: B1, B2 or B5 <sup>2</sup> )	0
B4	Math Concepts <sup>2</sup>	0
B5	Additional Course (Any B to reach 12 units) - Take upper-division course to complete Area & upper division requirements.	3
<b>Area C: Arts and Humanities (12 Units)</b>		
C1	Arts	3
C2	Humanities	3
C1/C2	Area Course C	3
C1/C2	Area C Course - Take upper-division course to complete Area & upper division requirements.	3
<b>Area D: The Individual and Society (6-9 Units)</b>		
	Area D Course	3
	Area D Course	3
	Area D Course - Take upper-division course to complete Area & upper division requirements. <sup>3</sup>	0 - 3
<b>Area E: Understanding Personal Development (3 Units)</b>		
	Area E Course	3
<b>Area F: Ethnic Studies (3 Units)</b>		
	Area F Course	3
<b>Total Units</b>		<b>39-42</b>

<sup>1</sup> To help you complete your degree in a timely manner and not take more units than absolutely necessary, there are ways to use single courses to meet more than one requirement (overlap). For further information, please visit the General Education page (<http://catalog.csus.edu/colleges/academic-affairs/general-education/>).

**Note:** There is no way to list all possible overlaps so please consult with a professional advisor. The Academic Advising Center can be visited online (<http://www.csus.edu/acad/>), by phone (916) 278-1000, or email ([advising@csus.edu](mailto:advising@csus.edu)).

<sup>2</sup> Required in Major; also satisfies GE.

<sup>3</sup> Department offers students a "select from the following option":  
 • If student chooses to take ENVS 165, they will meet upper division Area D.

**Graduation Requirements**<sup>1</sup>

Code	Title	Units
<b>Graduation Requirements (required by CSU) (9 Units)</b>		
	American Institutions: U.S. History	3
	American Institutions: U.S. Constitution & CA Government	3
	Writing Intensive (WI)	3
<b>Graduation Requirements (required by Sacramento State) (6 Units)</b>		
	English Composition II	3
	Race and Ethnicity in American Society (RE)	3
	Foreign Language Proficiency Requirement <sup>2</sup>	0

<sup>1</sup> To help you complete your degree in a timely manner and not take more units than absolutely necessary, there are ways to use single courses to meet more than one requirement (overlap). For further information, please visit the General Education page (<http://catalog.csus.edu/colleges/academic-affairs/general-education/>).

**Note:** There is no way to list all possible overlaps so please consult with a professional advisor. The Academic Advising Center can be visited online (<http://www.csus.edu/acad/>), by phone (916) 278-1000, or email ([advising@csus.edu](mailto:advising@csus.edu)).

<sup>2</sup> If not satisfied before entering Sacramento State, it may be satisfied in General Education Area C2 (Humanities). "C- or better required." The alternative methods for satisfying the Foreign Language Proficiency Requirement are described here:<https://www.csus.edu/college/arts-letters/world-languages-literatures/foreign-language-requirement.html>

**Note:** Students with a declared major of BS in Public Health (Occupational Health and Safety), BS in Public Health (Health Care Administration), or BS in Public Health (Community Health Education) are exempt from the Foreign Language Graduation Requirement.

**Fiscal Impact to Change an Existing Program**

Indicate programmatic or fiscal impact which this change will have on other academic units' programs, and describe the consultation that has occurred with affected units:

None

Provide a fiscal analysis of the proposed changes:

N/A

How will the above changes be accommodated within the department/College existing fiscal resources?

N/A

Will the proposed changes require additional resources?

No

What additional space, equipment, operating expenses, library, computer, or media resources, clerical/technical support, or other resources will be needed?

N/A

Reviewer Comments:

**Andrea Becker (andrea.becker) (Wed, 18 Sep 2024 02:50:39 GMT):** Rollback: "Committee approved the form with pending changes. Please refer to the discussion during meeting. Committee members from the department will provide the detailed changes to the chair/author. Once re-submitted, the chair may approve the proposal immediately."

**Michael Mink (m.mink) (Thu, 19 Sep 2024 23:55:18 GMT):** Rollback: Make changes.

Key: 472