

UC San Diego

Herbert Wertheim
School of Public Health and
Human Longevity Science



BACHELOR OF SCIENCE IN PUBLIC HEALTH NEW TRANSFER STUDENT GUIDE

Welcome to Public Health!

We want to welcome you to the only undergraduate major offered by UC San Diego in partnership with UC San Diego Health! This unique interdisciplinary program will prepare you for a variety of health-related graduate programs and careers. We want to encourage you to get familiar with the resources and information listed on our website over the next several months, and we look forward to working with you next year!

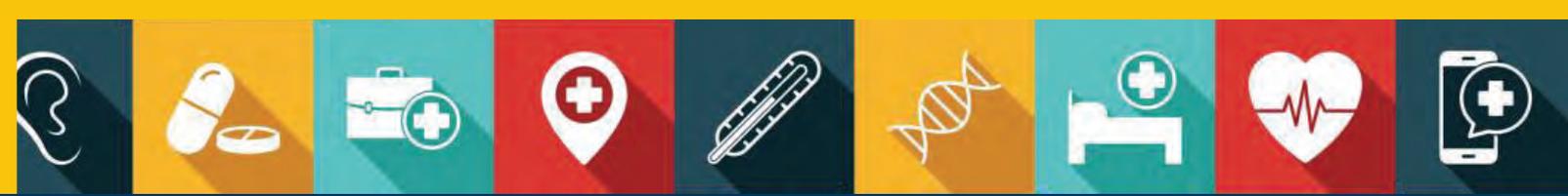
- Dina Rodgers & Elisa Crossman, BSPH Undergraduate Advisors



Steps to Success in Public Health

To ensure that you are prepared for our undergraduate program, be proactive! We suggest that you:

- Now:**
 - Submit your Statement of Intent to Register to UC San Diego Admissions
 - Review our website for major requirements and basic academic plans
 - Fill out our [Major Contact List Form](#) if you are not currently a Public Health major
- Late June:** Watch your UC San Diego e-mail for information about Orientation and Advising
- By July 1:** Submit your transcripts to UC San Diego Admissions
- July:**
 - Complete BSPH Orientation (available online July 1)
 - Review 1st quarter course recommendations on the BSPH website
- July-Sept:**
 - Meet 1:1 with a BSPH advisor over Zoom to create a long-term academic plan
 - Enroll in Fall 2022 courses
 - Complete college Orientation
 - Welcome Week (September 19-23)
 - Classes Begin (September 22)



Why major in **PUBLIC HEALTH?**

What is Public Health?

Public Health promotes and protects the health of people and communities, and aims to improve the quality of life by preventing illnesses and injuries and promoting healthy behaviors.

Public Health achievements include the elimination/reduction of numerous diseases, increased life expectancy, and enhanced quality of life worldwide.

Public Health is a growing field!

- Public Health jobs saw well above average growth in the last ten years; thanks to the current global pandemic, Public Health expert jobs are only expected to grow even more in the near future.

As part of the UC San Diego Bachelor of Science in Public Health, you'll:

- Address some of the most pressing issues of the 21st century
- Engage in human rights issues
- Learn critical thinking and evaluation skills
- Get an interdisciplinary education anchored by Public Health-specific coursework
- Take courses taught by faculty who are experts in their field
- Enjoy class sizes much smaller than most other majors on campus
- Take advantage of opportunities for experiential learning in research and community projects
- Receive mentorship from faculty members
- Prepare for employment or graduate education in health-related fields



Public Health students volunteer in Ensenada for the Flying Samaritans

Pursue careers in:

Healthcare • Health Education • Epidemiology • Public Policy • Environmental Science

Healthcare Administration • Public Health Research • Health Inspection • Community Health



Major in PUBLIC HEALTH

We offer your choice of seven majors within the field of Public Health.

Choose a concentration that matches your interest.

If you are not sure of your area of interest or want to keep your options open, you may want to choose our general **Bachelor of Science in Public Health**, which prepares students to develop and apply knowledge from multiple disciplines for the promotion and protection of the health of the human population in a context of human rights and cultural understanding. You may also choose from concentrations in:

Biostatistics

Biostatistics involves statistical processes and methods applied to the collection, analysis, and interpretation of data relating to human biology, health, and medicine. The Concentration in Biostatistics provides students the opportunity to receive foundational training in statistical methods and data analysis related to public health issues.

Climate and Environmental Sciences

Climate and Environmental Sciences involves the examination of different factors in our environment and their relation to the health and well-being of individuals and populations. This concentration allows students the opportunity to gain further understanding into the presence of environmental and climate risk factors, as well as strategies for assessing, treating, and preventing health conditions related to these factors.

Community Health Sciences

The aim of Community Health is to understand the foundational components of a shared geographical area and role of community structures in promoting healthy lifestyles. Students completing the Concentration in Community Health Sciences will build upon their knowledge in public health to focus on how best to reach vulnerable community members and better allocate resources to underserved populations. This concentration allows students the opportunity to gain foundational learning in determinants of health within a community, as well as practices and strategies to identify and address areas where conditions in a community setting can be changed or improved.

Epidemiology

Epidemiology is the study and evaluation of trends, patterns, and causes related to infectious and chronic disease in populations. Students completing the Concentration in Epidemiology acquire advanced epidemiological coursework beyond the UD epidemiology core course and from a variety of disciplines, such as anthropology, biology, global health, and psychology.

Health Policy and Management

Health Policy and Management is a multidisciplinary field of public health that is concerned with both policy and legislation related to health, as well as the delivery, quality, and costs of health care for individuals and populations. Health Policy and Management is a main pillar of public health study, and a growing field of study among younger public health professionals. In recent years, the Masters of Health Administration has grown rapidly as a popular public health graduate degree for students particularly passionate about the business and administration components of health.

Medicine Sciences

The Concentration in Medicine Sciences seeks to provide Pre-Health and Pre-Med students with well-rounded foundational training in both public health and health sciences fields of study. This concentration will allow students the opportunity to utilize some of their Pre-Health and/or Pre-Med courses as part of their academic experience in public health.

Individual course requirements can be found on our website.

Students must complete all entry requirements to declare a major in Public Health.



PUBLIC HEALTH

Transfer Success

Are you prepared?

Transfer students need to be prepared, to stay on track for graduation. We recommend the following courses be completed prior to Fall 2022. Check our website for details: <https://go.ucsd.edu/3t6upz7>

Bachelor of Science in Public Health (BSPH) or BSPH w/ Concentration in Community Health

Minimum Recommended Courses Prior to Transfer:

- Biology:
 - Option 1: BILD 1-3
 - Option 2: Two Biology classes from our list (will complete BILD 3 after transfer)
- 1 Quantitative Methods (Statistics) class

Additional Strongly Recommended Courses Prior to Transfer:

- 2 Social & Behavioral Science Electives

BSPH with Concentration in Biostatistics

Minimum Recommended Courses Prior to Transfer:

- Biology: BILD 1-3
- Quantitative Methods: MATH 11, MATH 18, MATH 20A-C

Additional Strongly Recommended Courses Prior to Transfer:

- 1 Computer Programming class from our list
- 2 Social & Behavioral Science Electives

BSPH with Concentration in Climate and Environmental Sciences

Minimum Recommended Courses Prior to Transfer:

- Biology: BILD 1-3
- Chemistry: CHEM 6A-C
- Quantitative Methods: MATH 11, MATH 10A/10B or 20A/20B

Additional Strongly Recommended Courses Prior to Transfer:

- 2 Social & Behavioral Science Electives from: ECON 1, ECON 2, ECON 3, ENVR 30, ESYS 10, USP 2

BSPH with Concentration in Epidemiology

Minimum Recommended Courses Prior to Transfer:

- Biology: BILD 1-3
- 1 Quantitative Methods (Statistics) class

Additional Strongly Recommended Courses Prior to Transfer:

- 2 Social & Behavioral Science Electives

BSPH with Concentration in Health Policy and Management Sciences

Minimum Recommended Courses Prior to Transfer:

- Biology:
 - Option 1: BILD 1-3
 - Option 2: Two Biology classes from our list (will complete BILD 3 after transfer)
- 1 Quantitative Methods (Statistics) class

Additional Strongly Recommended Courses Prior to Transfer:

- 2 Social & Behavioral Science Electives from: ECON 1, ECON 2, ECON 3, POLI 10/10D, POLI 11/11D, POLI 30/30D

BSPH with Concentration in Medicine Sciences

Minimum Recommended Courses Prior to Transfer:

- Biology: BILD 1-3
- Chemistry: CHEM 6A-C, CHEM 7L
- 1 Quantitative Methods (Statistics) class
- 3+ Natural Science courses from our list, especially:
 - MATH 10A/B or 20A/B
 - CHEM 40A-C, CHEM 43A
 - PHYS 1A/1AL-1C/1CL

Please see our website for recommended pre-health preparation.

Additional Strongly Recommended Courses Prior to Transfer:

- 2 Social & Behavioral Science Electives