

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: University of California, San Diego
2022-2023 General Catalog, Quarter

From: De Anza College
2022-2023 General Catalog, Quarter

Public Health with Concentration in Biostatistics B.S.

GENERAL INFORMATION

DATED MATERIAL, SUBJECT TO CHANGE. PLEASE CONSULT CURRENT UCSD GENERAL CATALOG FOR ANY ADDITIONAL INFORMATION.

Effective Fall 2023, major preparation will be required for this major. For details, visit: <http://admissions.ucsd.edu/MajorPrep>

Public health seeks to improve human health through the development and application of scientific knowledge that helps prevent disease, protects the public from exposure to potential harm, and promotes health throughout communities at the local, national, and global levels.

Special Advising Note:

We strongly advise students to complete as many of the lower-division courses as possible before entering UCSD. Preparing well for the major helps students move efficiently toward graduation.

The Herbert Wertheim School of Public Health and Human Longevity Science offers courses in epidemiology, biostatistics, social and behavioral sciences, environmental and occupational health sciences, and health policy. The epidemiology and biostatistics areas offer courses on the determinants and distribution of disease at the population level with a focus on analyzing and interpreting public health data using statistical methods. The social and behavioral sciences area offers courses for students interested in how behaviors influence disease. The environmental and occupational health sciences area offers courses on the study of environmental and occupational factors, including biological, physical, and chemical factors that affect the health of a workforce and the community. The health policy area emphasizes the structure, process, and outcomes of health services and policies that are commonly used to motivate people to healthier lifestyles.

All courses taken for the major, both lower-division and upper-division, must be taken for a letter grade. Students must receive a grade of C- or higher in any course to be counted toward fulfillment of the major requirements.

Entry to the Major:

To prepare students for success in upper-division courses, the faculty of the Herbert Wertheim School of Public Health and Human Longevity Science have determined that students who want to declare a major in Public Health must first meet all criteria outlined below:

- Completion of FMPH 40 "Introduction to Public Health" with a grade of B- or higher.
- Completion of one statistics course (PSYC 60, COGS 14B, HDS 60, or MATH 11) with a grade of C- or higher.
- 2.3 or higher UC GPA.

Additional Information:

Undergraduate program in Public Health at UCSD: <https://ph.ucsd.edu/undergrad/index.html>

Required Transfer Major Preparation: <https://ph.ucsd.edu/undergrad/new-prospective-students/transfer-major-preparation.html>

The field of Public Health: whatispublichealth.org and thisispublichealth.org

For specific questions, send an email to publichealth@health.ucsd.edu

UC San Diego Advanced Placement (AP) and International Baccalaureate (IB) credit policies are detailed in the links below:

Advanced Placement (AP) <https://www.ucsd.edu/catalog/pdf/APC-chart.pdf>

International Baccalaureate (IB) https://catalog.ucsd.edu/_files/international-baccalaureate-credits-chart.pdf

LOWER DIVISION MAJOR REQUIREMENTS

FMPH 40 - Introduction to Public Health (4.00)	← This course must be taken at the university after transfer
FMPH 50 - Primary Care and Public Health (4.00)	← This course must be taken at the university after transfer

BILD 1 - The Cell (4.00)**BIOL 6A** - Form and Function in the Biological World (6.00)

--- And ---

BIOL 6B - Cell and Molecular Biology (6.00)

--- And ---

BIOL 6C - Ecology and Evolution (6.00)

--- Or ---

BIOL 6AH - Form and Function in the Biological World - HONORS (6.00)

--- And ---

BIOL 6B - Cell and Molecular Biology (6.00)

--- And ---

BIOL 6CH - Ecology and Evolution - HONORS (6.00)**BILD 2** - Multicellular Life (4.00)**BIOL 6A** - Form and Function in the Biological World (6.00)

--- And ---

BIOL 6B - Cell and Molecular Biology (6.00)

--- And ---

BIOL 6C - Ecology and Evolution (6.00)

--- Or ---

BIOL 6AH - Form and Function in the Biological World - HONORS (6.00)

--- And ---

BIOL 6B - Cell and Molecular Biology (6.00)

--- And ---

BIOL 6CH - Ecology and Evolution - HONORS (6.00)**BILD 3** - Organismic and Evolutionary Biology (4.00)**BIOL 6A** - Form and Function in the Biological World (6.00)

--- And ---

BIOL 6B - Cell and Molecular Biology (6.00)

--- And ---

BIOL 6C - Ecology and Evolution (6.00)

--- Or ---

BIOL 6AH - Form and Function in the Biological World - HONORS (6.00)

--- And ---

BIOL 6B - Cell and Molecular Biology (6.00)

--- And ---

BIOL 6CH - Ecology and Evolution - HONORS (6.00)

Select 1 Course(s) from the following

CSE 8A - Introduction to Programming and Computational Problem Solving I (4.00)**CIS 22A** - Beginning Programming Methodologies in C++ (4.50)

--- Or ---

CIS 36A - Introduction to Computer Programming Using Java (4.50)

--- Or ---

CIS 40 - Introduction to Programming in Python (4.50)**CSE 8B** - Introduction to Programming and Computational Problem Solving II (4.00)**CIS 36B** - Intermediate Problem Solving in Java (4.50)

CSE 11 - Introduction to Programming and Computational Problem Solving - Accelerated Pace (4.00)	←	CIS 35A - Java Programming (4.50) <div>--- Or ---</div> CIS 36A - Introduction to Computer Programming Using Java (4.50) <div>--- And ---</div> CIS 36B - Intermediate Problem Solving in Java (4.50)
ECE 15 - Engineering Computation (4.00)	←	This course must be taken at the university after transfer

MATH 11 - Calculus Based Elementary Probability and Statistics (5.00)	←	MATH 10 - Introductory Statistics (5.00) <div>--- Or ---</div> MATH 10H - Introductory Statistics - HONORS (5.00)
MATH 18 - Linear Algebra (4.00)	←	MATH 2B - Linear Algebra (5.00) <div>--- Or ---</div> MATH 2BH - Linear Algebra - HONORS (5.00)
MATH 20A - Calculus for Science and Engineering (4.00)	←	MATH 1A - Calculus (5.00) <div>--- Or ---</div> MATH 1AH - Calculus - HONORS (5.00)
MATH 20B - Calculus for Science and Engineering (4.00)	←	MATH 1B - Calculus (5.00) <div>--- Or ---</div> MATH 1BH - Calculus - HONORS (5.00)
MATH 20C - Calculus and Analytic Geometry for Science and Engineering (4.00)	←	<div> MATH 1C - Calculus (5.00) <div>--- And ---</div> MATH 1D - Calculus (5.00) </div> <div>--- Or ---</div> <div> MATH 1CH - Calculus - HONORS (5.00) <div>--- And ---</div> MATH 1DH - Calculus - HONORS (5.00) </div>

Select 2 Course(s) from the following		
ANTH 1 - Introduction to Culture (4.00)	←	ANTH 2 - Cultural Anthropology (4.00) <div>--- Or ---</div> ANTH 2H - Cultural Anthropology - HONORS (4.00)
ANTH 2 - Human Origins (4.00)	←	ANTH 1 - Physical Anthropology (4.00) <div>--- Or ---</div> ANTH 1H - Physical Anthropology - HONORS (4.00)
ANTH 23 - Debating Multiculturalism: Race, Ethnicity, and Class in American Societies (4.00)	←	No Course Articulated
CGS 2B - Introduction to Critical Gender Studies: Social Formations (4.00)	←	No Course Articulated

COGS 14A - Introduction to Research Methods (4.00)	←	PSYC 2 - Research Methods in Psychology (6.00) <div>--- Or ---</div> PSYC 70 - Research Methods in Psychology (4.00) <div>--- Or ---</div> PSYC 3 - An Introduction to Cognitive Psychology (4.00) <div>--- Or ---</div> PSYC 2 - Research Methods in Psychology (6.00)
SOCI 60 - Practice of Social Research (4.00)	←	SOC 14 - The Process of Social Research (4.00)
COMM 10 - Introduction to Communication (4.00)	←	This course must be taken at the university after transfer
ECON 1 - Principles of Microeconomics (4.00)	←	ECON 2 - Principles of Microeconomics (4.00) <div>--- Or ---</div> ECON 2H - Principles of Microeconomics - HONORS (4.00)
ECON 2 - Market Imperfections and Policy (4.00)	←	This course must be taken at the university after transfer

ENVR 30 - Environmental Issues: Natural Sciences (4.00)	←	No Course Articulated
ESYS 10 - Introduction to Environmental Systems (4.00)	←	No Course Articulated
HILD 30 - History of Public Health (4.00)	←	No Course Articulated
HDS 1 - Introduction to Human Developmental Sciences (4.00)	←	This course must be taken at the university after transfer
LTCS 50 - Introduction to Cultural Studies (4.00)	←	No Course Articulated
POLI 10 - Introduction to Political Science: American Politics (4.00)	←	POLI 1 - American Government and Politics (5.00) --- Or --- POLI 1H - American Government and Politics - HONORS (5.00)
POLI 11 - Introduction to Political Science: Comparative Politics (4.00)	←	POLI 2 - Comparative Politics (4.00)
POLI 30 - Political Inquiry (4.00)	←	This course must be taken at the university after transfer
PSYC 1 - Psychology (4.00)	←	PSYC 1 - General Psychology (4.00)
PSYC 2 - General Psychology: Biological Foundations (4.00)	←	PSYC 24 - Introduction to Psychobiology (4.00)
PSYC 3 - General Psychology: Cognitive Foundations (4.00)	←	No Course Articulated
PSYC 4 - General Psychology: Behavioral Foundations (4.00)	←	No Course Articulated
PSYC 6 - General Psychology: Social Foundations (4.00)	←	PSYC 8 - Introduction to Social Psychology (4.00)
PSYC 7 - General Psychology: Developmental Foundations (4.00)	←	PSYC 10G - Child Development (The Early Years) (4.00) Same-As: C D 10G --- Or --- PSYC 10H - Child Growth and Development (Middle Childhood and Adolescence) (4.00) Same-As: C D 10H --- Or --- PSYC 14 - Developmental Aspects of Psychology (4.00)
SOCI 1 - Introduction to Sociology (4.00)	←	SOC 1 - Introduction to Sociology (4.00)
SOCI 2 - The Study of Society (4.00)	←	SOC 20 - Social Problems (4.00)
SOCI 10 - American Society: Social Structure and Culture in the United States (4.00)	←	No Course Articulated
SOCI 30 - Science, Technology, and Society (4.00)	←	No Course Articulated
SOCI 40 - Sociology of Health Care Issues (4.00)	←	No Course Articulated
SOCI 70 - General Sociology for Pre-Medical Students (4.00)	←	No Course Articulated
USP 2 - Urban World System (4.00)	←	No Course Articulated

END OF AGREEMENT