

# BACHELOR OF SCIENCE IN PUBLIC HEALTH ROADMAP – QUANTITATIVE REASONING CATEGORY I/II AND ENG 114

120 Total Units Required

Minimum Number of Units in the Major: 58

This roadmap is a suggested plan of study and does not replace meeting with an advisor. Please note that students may need to adjust the actual sequence of courses based on course availability. Please consult an advisor in your major program for further guidance.

Course	Title	Units
<b>First Semester</b>		
ENG 114	Writing the First Year: Finding Your Voice (A2) <sup>1</sup>	3
B4 Requirement (Major Foundation) <sup>2,3</sup>		3-4
GE Area A <sup>4</sup>		3
GE Area C		3
GE Area D		3
<b>Units</b>		<b>15-16</b>
<b>Second Semester</b>		
BIOL 100	Human Biology (Major Foundation, B2, S.J)	3
BIOL 101	Human Biology Laboratory (Major Foundation, B3)	1
GE Area A		3
GE Area B: Physical Science (B1)		3
GE Area E		3
University Elective		3
<b>Units</b>		<b>16</b>
<b>Third Semester</b>		
PH 100	Public Health Biology (Major Foundation, ES)	3
GE Area D		3
University Elective - Take Three		9
<b>Units</b>		<b>15</b>
<b>Fourth Semester</b>		
PH 205	Introduction to Public Health (Major Foundation)	3
GE Area C - Take Two		6
University Elective - Take Two		6
<b>Units</b>		<b>15</b>
<b>Fifth Semester</b>		
PH 400GW	Determinants of Health - GVAR (Major Core)	3

PH 410	Public Health Systems (Major Core)	3
PH 425	Public Health Research (Major Core)	3
GE Area F <sup>±</sup>		3
GE Area UD-B: Upper-Division Physical and/or Life Sciences (Consider SF State Studies Course)		3
<b>Units</b>		<b>15</b>
<b>Sixth Semester</b>		
PH 420	Epidemiology (Major Core)	3
PH 455	Community Organizing and Community Building for Health (Major Core, UD-C, AERM, ES, GP, S.J)	3
PH 520	Structural Oppression and Social Foundations of Health (Major Core, S.J)	3
Major Elective (9 units) - Take One <sup>5</sup>		3
U.S. and California Government ( <a href="http://bulletin.sfsu.edu/undergraduate-education/american-institutions/#usg">http://bulletin.sfsu.edu/undergraduate-education/american-institutions/#usg</a> )		3
<b>Units</b>		<b>15</b>
<b>Seventh Semester</b>		
PH 431	Program Planning, Implementation, and Evaluation (Major Core)	3
PH 450	Public Health Policy (Major Core)	3
PH 600	Public Health Media, Technology, and Communications (Major Core)	3
Major Elective (9 units) <sup>5</sup>		3
GE Area UD-D: Upper-Division Social Sciences (Consider SF State Studies Course)		3
<b>Units</b>		<b>15</b>
<b>Eighth Semester</b>		
PH 480	Fieldwork and Reflective Seminar	9
Major Elective (9 units) <sup>5</sup>		3
University Elective		2
<b>Units</b>		<b>14</b>
<b>Total Units</b>		<b>120-121</b>

<sup>1</sup> ENG 114 can only be taken if you complete Directed Self-Placement (DSP) and select ENG 114; if you choose ENG 104/ ENG 105 through DSP you will satisfy GE Area A2 upon successful completion of ENG 105 in the second semester; multilingual students may be advised into alternative English courses.

<sup>2</sup> To determine the best B4 course option, students should complete the online advising activity at [mathadvising.sfsu.edu](https://mathadvising.sfsu.edu) (<https://mathadvising.sfsu.edu/>). Questions? Contact Gator Smart Start. (<https://gatorsmartstart.sfsu.edu/>)

<sup>3</sup> **B4 Requirement**

Select One:

ETHS 116 Algebra and Statistics for Social Justice (4 units) (B4, SJ)

ETHS 117 Statistics for Social Justice (3 units) (B4, SJ)

ISED 160 Data Analysis in Education (3 units) (B4)

MATH 124 Elementary Statistics (3 units) (B4)

PSY 171 Quantitative Reasoning in Psychology (3 units) (B4)

<sup>4</sup> All **SF State Studies** requirements (AERM, GP, ES, SJ) are met within the major.

<sup>5</sup> **Electives (9 units)**

Select 9 units from the following courses:

AA S 587 Asian Americans and Environmental Justice (3 units) (UD-D, AERM, ES, SJ)

AA S 591 Asian American Community Health Issues (3 units) (UD-B, AERM, SJ)

AFRS 370 Health, Medicine, and Nutrition in the Black Community (3 units) (UD-D, AERM, ES, SJ)

AFRS 466 Black Lives Matter: Race and Social Movements (3 units) (UD-D, AERM, SJ)

ANTH 630 Medical Anthropology (3 units)

BIOL 326 Disease! (3 units) (UD-B, GP, SJ)

BIOL 327 AIDS: Biology of the Modern Epidemic (3 units) (UD-B, GP)

HH 205 Relaxation and Stress Reduction (3 units) (D1)

HH 380 Holistic Health: Western Perspectives (3 units) (UD-B, GP)

HH 381 Holistic Health: Eastern Perspectives (3 units) (UD-D, GP)

HH 382 Holistic Health: Human Nature and Global Perspectives (3 units) (UD-C, GP)

HH 540 Meditation and Imagery in Healing (3 units) (UD-D, GP)

LTNS 210 Latina/o/x Health Care Perspectives (3 units) (B2, AERM, ES, GP, SJ)

LTNS 500 Latina/o Community Mental Health (3 units)

PH 200 Global Health (3 units) (D1, GP, SJ)

PH 210 Personal and Social Determinants of Health (3 units) (D1, SJ)

PH 221/ETHS 221 Health and Social Justice - Burning Issues, Taking Action (3 units) (D1, AERM, SJ)

PH 241/ETHS 241 Health and Social Movements in the United States in the 20th Century (3 units) (D2, USH, AERM, SJ)

PH 280/COUN 280 Empowering Poor Families to Graduate Out of Poverty (3 units)

PH 290 Promoting Positive Health (3 units) (C1, GP)

PH 303 Health Disparities and Sexual and Gender Minority

Communities: LGBTQI Health (3 units) (UD-D)

PH 305 Critical History of Public Health in the United States (3 units) (USH, SJ)

PH 315 Drugs and Society (3 units) (UD-D, AERM, GP, SJ)

PH 320 Contemporary Sexuality (3 units) (UD-B, SJ)

PH 414 Women's Health (3 units) (UD-D, AERM, SJ)

PH 415 Health Aspects of Aging (3 units) (UD-D, SJ)

PH 434/GEOG 434 Geographies of Health and Health Care (3 units)

PH 640 Structural Inequities and Public Health (3 units) (UD-D, AERM, SJ)

PH 655 Environmental Health (3 units)

PH 685 Projects in the Teaching of Public Health (1-4 units)

PH 688 Racial Capitalism, Neoliberalism, and Public Health (3 units)

PH 699 Independent Study (1-3 units)

PHIL 383 Ethics in Medicine (3 units) (UD-C, SJ)

RRS 303 Health and Wellness among Pacific Islanders (3 units) (UD-B, SJ)

WGS 593 Gender, Health, and the Environment (3 units) (UD-D, ES, GP)

± Given catalog rights, fall 2022 transfer students do not need to complete an Area F course.