

Santa Clara University, College of Arts & Sciences
Bachelor of Science (Natural Science)
Public Health Science Major Requirements - Health Science Emphasis
****Students Entering FALL 2024 & Later****

Name _____
 Expected Graduation Date (Quarter, Year) _____

Student ID _____
 Email Address _____

College of Arts & Sciences and University Core Requirements (2009)

Foundations

- ___ Critical Thinking & Writing 1
 ___ Critical Thinking & Writing 2
 ___ Cultures & Ideas 1
 ___ Cultures & Ideas 2
 ___ Mathematics (MATH 11 or 35)*
 ___ Religion, Theology & Culture 1
 ___ Second Language Requirement
 (complete 2nd introductory level or equivalent by proficiency exam)

Explorations

- ___ Arts
 ___ Civic Engagement (PHSC 2)*
 ___ Cultures & Ideas 3
 ___ Diversity
 ___ Ethics
 ___ Natural Science (CHEM 11)*
 ___ Religion, Theology & Culture 2
 ___ Religion, Theology & Culture 3
 ___ Science, Technology & Society (PHSC 1)*
 ___ Social Science

Integrations

- ___ Advanced Writing
 ___ Experiential Learning for Social Justice
 (ANTH 3, PHSC 21, PHSC 131, PSYC 115EL, PSYC 117EL, PSYC 185EL, PSYC 196, SOCI 165 & TESP 157; all meet the ELSJ requirement & can satisfy a PHSC major requirement)
 ___ Pathway Title: _____
 Course 1) _____
 Course 2) _____
 Course 3) _____
 Course 4) _____
 (pathway courses can overlap with other core and/or major requirements)

***Courses required for the PHSC major that can also meet the core requirement (optional “Double Dipping”).**

Public Health Science - Health Science Major Requirements
Public Health Science Core - 8 Required

- ___ PHSC 1 Intro to Public Health _____
 ___ PHSC 2 The American Health System _____ (Pre-Req: PHSC 1)
 ___ PHSC 3 Intro to Community Health _____ (Pre-Req: PHSC 1)
 ___ PHSC 100 Epidemiology (with lab) ---- (Pre-Req: [PHSC 1 & 50] or BIOL 1C)
 ___ PHSC 139 Public Health Internship --- (Pre-Req: PHSC 1 AND [PHSC 2 or 3])
 ___ PHSC 151 Program Planning & Evaluation _____ (Pre-Req: PHSC 100)
 ___ PHSC 190 PHSC Capstone (senior year) ---- (Pre/Co-Req: PHSC 100 and 150)
 ___ PHSC 197 Career Exploration in Public Health ----- (Pre-Req: PHSC 139)

Natural Science Introductory Courses - 6 Required

- ___ BIOL 1A ___ BIOL 1B ___ BIOL 1C
 ___ CHEM 11 ___ CHEM 12 ___ CHEM 31

Mathematics - 2 Quarters of Calculus Required

- ___ MATH 35 & ___ MATH 36 (preferred) OR ___ MATH 11 & ___ MATH 12

Statistics Course - 1 Required

- ___ Select One: PHSC 50 (recommended), MATH 8, ANTH 112, BIOL 160, COMM 100, ECON 61, ENVS 110, OMIS 40, POLI 100, SOCI 120

Public Health Science Internship Requirement

- ___ PHSC Internship *****Steps for Approval*****
 Internship requirement information and necessary forms can be downloaded from the [PHSC Internship Website](#).

- (1) Take PHSC 139 (strengthen professional development & internship skills).
- (2) Fill out an internship approval form (see link above).
- (3) Complete a minimum of 100 hours @ approved public health-related internship. Hours must be verified by supervisor.
- (4) Take PHSC 197 after completing your internship (reflection & post-grad plan).

Social Science Introductory Courses - 2 Required

*****Courses on next page*****

- 1) _____ 2) _____

Biomedical Electives - 2 Required; at least one with a lab component

*****Biomedical Electives on next page*****

- 1) _____ 2) _____

Public Health Electives - 1 Required

- ___ Select One: PHSC 7, PHSC 11, PHSC 21, PHSC 103, PHSC 105/BIOL 105, PHSC 111, PHSC 124, PHSC 125, PHSC 131, PHSC 133, PHSC 134, PHSC 135/ANTH 135, PHSC 142, PHSC 154, PHSC 156, PHSC 157, PHSC 160/PSYC 163, PHSC 172/SOCI 172, PHSC 175, PHSC 178, PHSC 187/WGST 187 or PHSC 191/196/198 (need 5 total units).

Social Science/Humanities Electives - 2 Upper Division Required

Can also be fulfilled by taking additional upper division Public Health courses from the list of “Public Health Electives” above except PHSC 105 & PHSC 124 which would be used as a “Non-lab Biomedical Elective.”

- **Other Upper Division Social Science/Humanities Electives on next page*****
 1) _____ 2) _____

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****Important: All Courses are subject to schedule changes and adjustments as needed per quarter.**

****Important: A unique class must be used to satisfy each major requirement category, even if it is listed under multiple categories.**

Updated 9.18.2025

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Approved Social Science Introductory Courses

2 - Lower Division Required

- ___ ANTH 1 Intro to Biological Anthropology
- ___ ANTH 3 Intro Cultural Anthropology (ELSJ/Social Science)
- ___ ANTH/ENVS/POLI 50 World Geography (C&I 3)
- ___ ECON 1 Principles of Microeconomics (Social Science)
- ___ POLI 1 Introduction to U.S. Politics (Civic Engagement)
- ___ POLI 2 Introduction to Comparative Politics (C&I 3)
- ___ PSYC 1 General Psychology I (Social Science)
- ___ PSYC 2 General Psychology II
- ___ SOCI 1 Principles of Sociology (Social Science)
- ___ SOCI 30 Self, Community, and Society (ELSJ)
- ___ SOCI 33 Social Problems in the United States (Diversity)

Approved Biomedical Electives

2 - Required; at least one with a lab component

Courses with Labs

- ___ BIOL 104 Human Anatomy
- ___ BIOL 110 Genetics
- ___ BIOL 112 Immunology
- ___ BIOL 113 Microbiology
- ___ BIOL 114AW Advanced Writing in Cell Biology (Adv Wrt)
- ___ BIOL 115 Human Reproduction & Development
- ___ BIOL 116 Medical Microbiology
- ___ BIOL 124 Human Physiology
- ___ BIOL 160 Biostatistics

Courses without Labs

- ___ BIOL 106/PHSC 124 Health Consequences of Western Lifestyle
- ___ BIOL 111 Zoonoses & Emerging Infectious Diseases
- ___ BIOL 119 Biology of Stress
- ___ BIOL 145 Virology
- ___ BIOL 179 Cancer Biology
- ___ CHEM 141 Biochemistry
- ___ PHSC 105/BIOL 105 Nutrition & Public Health

Social Science/Humanities Elective Courses

2 - Upper Division Required

- ___ ANTH 112 Ethnographic Methods
- ___ ANTH 133 Human Nutrition & Culture
- ___ ANTH 134 Health, Disease & Culture
- ___ ANTH 135 Human Development & Sexuality
- ___ ANTH 137 Evolutionary Medicine
- ___ ANTH 138 Biology of Poverty
- ___ ANTH 140/ENVS 136 Food, Culture & Environment
- ___ ANTH 150 Religion in Culture & Society
- ___ ANTH 170 Women, Gender & Sexuality
- ___ COMM 151 (formerly 154A) Fdnations of Strat. Campaigns

Continued to the next column...

- ___ ECON 101 Resources, Food & the Environment
- ___ ECON 129 Economic Development
- ___ ECON 135 Gender Issues in the Developing World
- ___ ECON 150 Labor Economics
- ___ ECON 160 Economics of Poverty & Inequality
- ___ ECON 173 Applied Econometrics
- ___ ENVS 116 Introduction to GIS
- ___ ENVS 117 Intermediate GIS
- ___ ENVS 128 Sustainable Urban Planning
- ___ ENVS 146 Agriculture, Enviro. & Dev. Latin America
- ___ ENVS 147 International Environment & Development
- ___ ENVS 149/POLI 146 Politics of African Development
- ___ ENVS 155 Environmental & Food Justice
- ___ ENTH 127 Race & Mass Incarceration
- ___ ENTH 150 Urban Education & Multiculturalism
- ___ ENTH 155 Racism in the United States
- ___ GNSX 105A/Comm 199A Body Politics
- ___ GNSX 118/POLI 171 Gender & Law in the U.S.
- ___ GNSX 140/COMM 106A Gender, Health & Sexuality
- ___ GNSX 189 Sex, Law & Social Justice
- ___ HIST 123 History of Plagues, Epidemics & Infections
- ___ HIST 124 Hist of Sexually Transmitted Diseases
- ___ POLI 140 Politics & Development in the Global South
- ___ POLI 144 European Politics
- ___ POLI 154 Women & Politics
- ___ POLI 167 Making Public Policy
- ___ PSYC 115 or 115EL Psychopathology
- ___ PSYC 117 or 117EL Health Psychology
- ___ PSYC 140 Behavioral Analysis
- ___ PSYC 150 Social Psychology
- ___ PSYC 163/PHSC 160 PH Responses to Substance Use
- ___ PSYC 167 Psychopharmacology
- ___ PSYC 172 Adolescent Development
- ___ PSYC 185 or 185EL Developmental Psychology
- ___ PSYC 196EL Psychology of Aging
- ___ RSOC 114 Religion & Medicine in Healthcare
- ___ RSOC 170 Religion, Gender & Globalization
- ___ SOCI 132 Inequality & the American Dream
- ___ SOCI 134 Globalization & Inequality
- ___ SOCI 138 International Sociology
- ___ SOCI 157 Sociology of Family
- ___ SOCI 165 Human Services
- ___ SOCI 172/PHSC 172 Mngmt. of Healthcare Organizations
- ___ TESP 129 Religion & Peace

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