

Santa Clara University, College of Arts & Sciences

Bachelor of Science (Natural Science)

Public Health Science Major Requirements - Health Science Emphasis

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 (PHSC1)*
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 150 Evidence-based PH (Pre-Req: PHSC 2 or 3)
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 - 8 Required

- BIOL 1A BIOL 1B BIOL 1C
CHEM 11 CHEM 12 CHEM 31 CHEM 32 CHEM 33

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: sites.google.com/scu.edu/the-phsc-internship/home
(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.

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 135/ANTH 135, PHSC 142, 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: A unique class must be used to satisfy each major requirement category, even if it is listed under multiple categories.

Santa Clara University, College of Arts & Sciences
Bachelor of Science (Natural Science)
Public Health Science Major Requirements - Health Science Emphasis
Entering as First-Year Students Fall 2019 and Later

<p><u>Approved Social Science Introductory Courses</u></p> <p>2 - Lower Division Required</p> <p>___ ANTH 1 Intro to Biological Anthropology</p> <p>___ ANTH 3 Intro Cultural Anthropology (ELSJ/Social Science)</p> <p>___ ANTH/ENVS/POLI 50 World Geography (C&I 3)</p> <p>___ ECON 1 Principles of Microeconomics (Social Science)</p> <p>___ POLI 1 Introduction to U.S. Politics (Civic Engagement)</p> <p>___ POLI 2 Introduction to Comparative Politics (C&I 3)</p> <p>___ PSYC 1 General Psychology 1 (Social Science)</p> <p>___ PSYC 2 General Psychology II</p> <p>___ SOCI 1 Principles of Sociology (Social Science)</p> <p>___ SOCI 30 Self, Community, and Society (ELSJ)</p> <p>___ SOCI 33 Social Problems in the United States (Diversity)</p> <p><u>Approved Biomedical Electives</u></p> <p>2 - Required; at least one with a lab component</p> <p><u>Courses with Labs</u></p> <p>___ BIOL 104 Human Anatomy</p> <p>___ BIOL 110 Genetics</p> <p>___ BIOL 112 Immunology</p> <p>___ BIOL 113 Microbiology</p> <p>___ BIOL 114AW Advanced Writing in Cell Biology (Adv Wrt)</p> <p>___ BIOL 115 Human Reproduction & Development</p> <p>___ BIOL 116 Medical Microbiology</p> <p>___ BIOL 124 Human Physiology</p> <p>___ BIOL 160 Biostatistics</p> <p><u>Courses without Labs</u></p> <p>___ BIOL 106/PHSC 124 Health Consequences of Western Lifestyle</p> <p>___ BIOL 119 Biology of Stress</p> <p>___ BIOL 145 Virology</p> <p>___ BIOL 179 Cancer Biology</p> <p>___ CHEM 141 Biochemistry</p> <p>___ PHSC 105/BIOL 105 Nutrition & Public Health</p> <p><u>Social Science/Humanities Elective Courses</u></p> <p>2 - Upper Division Required</p> <p>___ ANTH 112 Anthropological Methods</p> <p>___ ANTH 133 Human Nutrition & Culture</p> <p>___ ANTH 134 Health, Disease & Culture</p> <p>___ ANTH 135 Human Development & Sexuality</p> <p>___ ANTH 137 Evolutionary Medicine</p> <p>___ ANTH 138 Biology of Poverty</p> <p>___ ANTH 140/ENVS 136 Food, Culture & Environment</p> <p>___ ANTH 150 Religion in Culture & Society</p> <p>___ ANTH 170 Women, Gender & Sexuality</p> <p><i>Continued to the next column...</i></p>	<p>___ COMM 113 (formerly 176A) Communication, the Body, and Health</p> <p>___ COMM 151 (formerly 154A) Foundations of Strategic Campaigns</p> <p>___ ECON 101 Resources, Food & the Environment</p> <p>___ ECON 129 Economic Development</p> <p>___ ECON 135 Gender Issues in the Developing World</p> <p>___ ECON 160 Economics of Poverty & Inequality</p> <p>___ ECON 173 Applied Econometrics</p> <p>___ ENVS 116 Introduction to GIS</p> <p>___ ENVS 117 Intermediate GIS</p> <p>___ ENVS 128 Sustainable Urban Planning</p> <p>___ ENVS 146 Agriculture, Environment & Development Latin America</p> <p>___ ENVS 147 International Environment & Development</p> <p>___ ENVS 149 Politics of African Development</p> <p>___ ENVS 155 Environmental & Food Justice</p> <p>___ HIST 123 History of Plagues, Epidemics & Infections</p> <p>___ HIST 124/WGST 124 History of Sexually Transmitted Diseases</p> <p>___ POLI 140 Politics in Less-Developed Countries</p> <p>___ POLI 146 Politics of African Development</p> <p>___ POLI 154 Women & Politics</p> <p>___ POLI 158 Housing & Homelessness</p> <p>___ POLI 167 Making Public Policy</p> <p>___ PSYC 115 or 115EL Abnormal Psychology</p> <p>___ PSYC 117 or 117EL Health Psychology</p> <p>___ PSYC 140 Behavioral Analysis</p> <p>___ PSYC 150 Social Psychology</p> <p>___ PSYC 163/PHSC 160 Substance Abuse & Addiction</p> <p>___ PSYC 167 Psychopharmacology</p> <p>___ PSYC 172 Adolescent Development</p> <p>___ PSYC 185 or 185EL Developmental Psychology</p> <p>___ PSYC 196EL Psychology of Aging</p> <p>___ RSOC 114 Relig & Medicine in Healthcare</p> <p>___ RSOC 170 Religion, Gender & Globalization</p> <p>___ SOCI 132 Social Stratification</p> <p>___ SOCI 134 Globalization & Inequality</p> <p>___ SOCI 138 India, China & the United States</p> <p>___ SOCI 157 Sociology of Family</p> <p>___ SOCI 165 Human Services</p> <p>___ SOCI 172/PHSC 172 Mngmt. of Health Care Orgs.</p> <p>___ SPAN 24 Todos Sanos: Spanish & Community Health</p> <p>___ TESP 157 Ethics in the Health Professions</p> <p>___ WGST 105A/Comm 199A Body Politics</p> <p>___ WGST 118/POLI 171 Women & Law</p> <p>___ WGST 140/COMM 106A Gender, Health & Sexuality</p> <p>___ WGST 189 Sex, Law & Social Justice</p>
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Updated 8.29.2023