

**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 \_\_\_\_\_

<p><b>College of Arts &amp; Sciences and University Core Requirements (2009)</b></p> <p><b><u>Foundations</u></b></p> <p>___ Critical Thinking &amp; Writing 1              ___ Critical Thinking &amp; Writing 2              ___ Cultures &amp; Ideas 1              ___ Cultures &amp; Ideas 2              ___ Mathematics (MATH 11 or 35)*              ___ Religion, Theology &amp; Culture 1              ___ Second Language Requirement  <i>(complete 2nd introductory level or equivalent by proficiency exam)</i></p> <p><b><u>Explorations</u></b></p> <p>___ Arts              ___ Civic Engagement (PHSC 2)*              ___ Cultures &amp; Ideas 3              ___ Diversity              ___ Ethics              ___ Natural Science (CHEM 11)*              ___ Religion, Theology &amp; Culture 2              ___ Religion, Theology &amp; Culture 3              ___ Science, Technology &amp; Society (PHSC 1)*              ___ Social Science</p> <p><b><u>Integrations</u></b></p> <p>___ Advanced Writing              ___ Experiential Learning for Social Justice  <i>(ANTH 3, PHSC 21, PHSC 131, PSYC 115EL, PSYC 117EL, PSYC 185EL, PSYC 196, SOCI 165 &amp; TESP 157; all meet the ELSJ requirement &amp; can satisfy a PHSC major requirement)</i>              ___ Pathway Title: _____              Course 1) _____              Course 2) _____              Course 3) _____              Course 4) _____  <i>(pathway courses can overlap with other core and/or major requirements)</i></p> <p><b>*Courses required for the PHSC major that <u>can also</u> meet the core requirement (optional “Double Dipping”).</b></p>	<p><b>Public Health Science - Health Science Major Requirements</b></p> <p><b><u>Public Health Science Core - 8 Required</u></b></p> <p>___ 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 &amp; 50] <u>OR</u> 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)</p> <p><b><u>Natural Science Introductory Courses - 6 Required</u></b></p> <p>___ BIOL 1A ___ BIOL 1B ___ BIOL 1C              ___ CHEM 11 ___ CHEM 12 ___ CHEM 31</p> <p><b><u>Mathematics - 2 Quarters of Calculus Required</u></b></p> <p>___ MATH 35 &amp; ___ MATH 36 (preferred) <u>OR</u> ___ MATH 11 &amp; ___ MATH 12</p> <p><b><u>Statistics Course - 1 Required</u></b></p> <p>___ Select One: PHSC 50 (recommended), MATH 8, ANTH 112, BIOL 160, COMM 100, ECON 61, ENVS 110, OMIS 40, POLI 100, SOCI 120</p> <p><b><u>Public Health Science Internship Requirement</u></b></p> <p>___ PHSC Internship      <b>**Steps for Approval**</b>  <i>Internship requirement information and necessary forms can be downloaded from the PHSC internship website: <a href="https://sites.google.com/scu.edu/the-phsc-internship/home">sites.google.com/scu.edu/the-phsc-internship/home</a></i></p> <ol style="list-style-type: none"> <li>(1) Take PHSC 139 (strengthen professional development &amp; internship skills).</li> <li>(2) Fill out an internship approval form (see link above).</li> <li>(3) Complete a <b>minimum of 100 hours @ approved public health-related internship</b>. Hours must be verified by supervisor.</li> <li>(4) Take PHSC 197 after completing your internship (reflection &amp; post-grad plan).</li> </ol> <p><b><u>Social Science Introductory Courses - 2 Required</u></b>      <b><u>Biomedical Electives - 2 Required; at least one with a lab component</u></b>  <b>**Courses on next page**</b>      <b>**Biomedical Electives on next page**</b></p> <p>1) _____ 2) _____      1) _____ 2) _____</p> <p><b><u>Public Health Electives - 1 Required</u></b></p> <p>___ Select One: PHSC 7, PHSC 11, PHSC 21, PHSC 103, PHSC 105/BIOL 105, PHSC 111, PHSC 124, PHSC 125, PHSC 131, 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).</p> <p><b><u>Social Science/Humanities Electives - 2 Upper Division Required</u></b>  <i>Can also be fulfilled by taking additional upper division Public Health courses from the list of “Public Health Electives” above <b>except</b> PHSC 105 &amp; PHSC 124 which would be used as a “Non-lab Biomedical Elective.”</i>  <b>**Other Upper Division Social Science/Humanities Electives on next page**</b></p> <p>1) _____ 2) _____</p>
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Updated 10.22.2024

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<p><b><u>Approved Social Science Introductory Courses</u></b></p> <p><b>2 - Lower Division Required</b></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&amp;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&amp;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><b><u>Approved Biomedical Electives</u></b></p> <p><b>2 - Required; at least one with a lab component</b></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 &amp; 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 111 Zoonoses &amp; Emerging Infectious Diseases</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 &amp; Public Health</p> <p><b><u>Social Science/Humanities Elective Courses</u></b></p> <p><b>2 - Upper Division Required</b></p> <p>___ ANTH 112 Anthropological Methods</p> <p>___ ANTH 133 Human Nutrition &amp; Culture</p> <p>___ ANTH 134 Health, Disease &amp; Culture</p> <p>___ ANTH 135 Human Development &amp; Sexuality</p> <p>___ ANTH 137 Evolutionary Medicine</p> <p>___ ANTH 138 Biology of Poverty</p> <p>___ ANTH 140/ENVS 136 Food, Culture &amp; Environment</p> <p>___ ANTH 150 Religion in Culture &amp; Society</p> <p>___ ANTH 170 Women, Gender &amp; 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 &amp; 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 &amp; 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 &amp; Development Latin America</p> <p>___ ENVS 147 International Environment &amp; Development</p> <p>___ ENVS 149 Politics of African Development</p> <p>___ ENVS 155 Environmental &amp; Food Justice</p> <p>___ HIST 123 History of Plagues, Epidemics &amp; 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 &amp; Politics</p> <p>___ POLI 158 Housing &amp; 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 &amp; 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 &amp; Medicine in Healthcare</p> <p>___ RSOC 170 Religion, Gender &amp; Globalization</p> <p>___ SOCI 132 Social Stratification</p> <p>___ SOCI 134 Globalization &amp; Inequality</p> <p>___ SOCI 138 India, China &amp; the United States</p> <p>___ SOCI 157 Sociology of Family</p> <p>___ SOCI 165 Human Services</p> <p>___ SOCI 172/PHSC 172 Mngmt. of Healthcare Organizations</p> <p>___ SPAN 24 Todos Sanos: Spanish &amp; 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 &amp; Law</p> <p>___ WGST 140/COMM 106A Gender, Health &amp; Sexuality</p> <p>___ WGST 189 Sex, Law &amp; Social Justice</p>
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