## Public Health Science Core Requirements

**Public Health Science Core**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PHSC 1 Intro. to Public Health ___ (STS)</td>
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<tr>
<td>PHSC 2 The American Health System ___ (Civ. Eng.)</td>
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<tr>
<td>PHSC 3 Intro. to Community Health ___</td>
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<tr>
<td>PHSC 100 (BIOL 117) Epidemiology ___</td>
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<tr>
<td>PHSC 139 Experiential Learning in Public Health (2 units) ___</td>
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<tr>
<td>PHSC 150 Evidence-based Public Health ___</td>
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<tr>
<td>PHSC 190 PHSC Capstone (senior year) ___</td>
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<tr>
<td>PHSC Internship Completion (min. 100 hours)** ___</td>
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<tr>
<td>PHSC 197 PHSC Internship (Optional ~ 2 units) Strongly recommended, but not required, after students complete internship experience.</td>
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**Social Science Intro Courses ~ 2 required**

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ANTH 1 Intro. to Biological Anthropology___</td>
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<tr>
<td>ECON 1 Principles of Microeconomics (Soc. Sci) ___</td>
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<tr>
<td>POLI 1 Intro. to U.S. Politics (Civ. Eng.) ___</td>
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<tr>
<td>POLI 2 Intro. to Comparative Politics (C&amp;I 3) ___</td>
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<tr>
<td>PSYCH/ANTH/ENVS 50 World Geography (C&amp;I 3) ___</td>
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<tr>
<td>PSYC 1 General Psychology I (Soc. Sci) ___</td>
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<tr>
<td>PSYCH 2 General Psychology II (Soc. Sci) ___</td>
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<tr>
<td>SOCI 1 Principles of Sociology (Soc. Sci) ___</td>
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<tr>
<td>SOCI 33 Soc. Problems in the United States (Diversity) ___</td>
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**Natural Science Introductory Courses**

<table>
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<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BIOL 1A ___ BIOL 1B ___ BIOL 1C ___</td>
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<tr>
<td>CHEM 11 ___ CHEM 12 ___ CHEM31 ___</td>
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<tr>
<td>CHEM 32 ___ CHEM 33 ___</td>
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**Mathematics and Statistics**

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<tr>
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<tr>
<td>Two quarters of Calculus: Math 35, 36 ___ ___ (preferred)</td>
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<tr>
<td>OR MATH 11, 12 ___</td>
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<tbody>
<tr>
<td>Choose one statistics course: MATH 8, ANTH 112, BIOL 160, COMM 110, ECON 61, ENVS 110, OMIS 40, POLI 100, SOCI 120 ___</td>
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</table>

**IMPORTANT - Internship requirement:** PHSC majors must also complete a minimum of 100 hours at an approved public-health related internship. To get credit, students must provide documentation of completed internship hours and submit a reflection essay. Internships must be approved before the start of the internship to meet requirement. Internship requirement information and necessary forms can be downloaded from the SCU PHSC website under “Beyond the Classroom—Internship Approval.”

**See other side for additional requirements**
Public Health electives – 1 required
**Additional upper division PHSC electives taken can also meet the Social Science/Humanities Elective requirement (except PHSC 124 & 101, which would be used as a non-lab biomedical elective)**

- PHSC 7 Public Health and Ethics (Ethics)
- PHSC 11 Women’s Health
- PHSC 21 Health and Aging (ELSJ)
- PHSC 101 Nutrition
- PHSC 103 Advanced Global Health
- PHSC 111 Health Education and Promotion
- PHSC 124 (BIOL 106) Health Consequences of Western Lifestyles
- PHSC 125 Race, Class, Gender & Public Health (Diversity)
- PHSC 131 Community Health (ELSJ)
- PHSC 135 (ANTH 135) Human Development and Sexuality
- PHSC 142 Environment and Health
- PHSC 156 Health Policy
- PHSC 157 Intro Social Entrepreneurship: Innovations for Public Health
- PHSC 160 (PSYC 163) Substance Abuse and Addiction
- PHSC 172 (SOCI 172) Management of Health Care Organizations
- PHSC 175 Research Methods in Public Health
- PHSC 196/191/198 Peer Health Educators (need 5 units total)

Biomedical electives – 2 required, including at least one with a lab component
- BIOL 105 Biology of Human Nutrition (non-lab)
- BIOL 106 (PHSC 124) Health Consequences of Western Lifestyles
- BIOL 110 Genetics (lab)
- BIOL 113 Microbiology (lab)
- BIOL 114AW Immunology (lab) (Adv. Writing)
- BIOL 115 Human Reproduction and Development (lab)
- BIOL 116 Medical Microbiology (lab)
- BIOL 119 Biology of Stress (non-lab)
- BIOL 124 Human Physiology (lab)
- BIOL 145 Virology (non-lab)
- BIOL 160 Biostatistics (lab)
- BIOL 179 Cancer Biology (non-lab)
- CHEM 141 Biochemistry (non-lab)
- PHSC 101 Nutrition (non-lab)

Social Science/Humanities Electives – 2 required
**Can also be fulfilled by taking additional upper division Public Health courses**

- ANTH 133 Human Nutrition and Culture
- ANTH 134 Health, Disease, and Culture
- ANTH 135 Human Development and Sexuality
- ANTH 137 Evolutionary Medicine
- ANTH 140/ENVS 136 Food, Culture, & Environ.
- ANTH 150 Religion in Culture and Society
- ANTH 170 Women, Gender, and Sexuality
- COMM 154A Foundations of Strategic Campaigns
- COMM 176A Biology of Human Communication
- ECON 101 Resources, Food, and the Environment
- ECON 129 Economic Development
- ECON 135 Gender Issues in the Developing World
- ECON 160 Economics of Poverty and Development
- ENVS 116 Introduction to GIS
- ENVS 146 Agri., Environ., and Devel. Latin America
- ENVS 147 International Environment & Develop.
- ENVS 149 Politics of African Development
- HIST 123 History of Plagues, Epidemics, & Infections
- POLI 146 Politics of African Development
- POLI 154 Women and Politics
- POLI 167 Making Public Policy
- PSYC 115 or 115EL Abnormal Psychology
- PSYC 117 or 117EL Health Psychology
- PSYC 140 Behavior Analysis
- PSYC 150 Social Psychology
- PSYC 163 (PHSC 160) Substance Abuse and Addiction
- PSYC 167 Psychopharmacology
- PSYC 172 Adolescent Development
- PSYC 185 or 185EL Developmental Psychology
- PSYC 196 Psychology of Aging
- RSOC 170 Religion, Gender, and Globalization
- SOCI 132 Social Stratification
- SOCI 134 Globalization and Inequality
- SOCI 157 Sociology of Family
- SOCI 165 Human Services
- SOCI 172 (PHSC 172) Mgmt. of Health Care Organizations
- SPAN 24 Todos Sanos: Spanish & Comm. Health
- TESP 157 Ethics in the Health Professions

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