

# PUBLIC HEALTH SCIENCE MAJOR REQUIREMENTS

## Health Science Emphasis

College & University Core Requirements (those automatically satisfied through the PHSC major indicated)

### Foundations

Critical Thinking & Writing \_\_\_\_\_ Second Language \_\_\_\_\_

Cultures & Ideas 1 & 2 \_\_\_\_\_ Religion, Theology & Culture 1 \_\_\_\_\_

Mathematics (Math 35 or 11)

### Explorations

Ethics \_\_\_\_\_ Arts \_\_\_\_\_ Religion, Theology & Culture 2 & 3 \_\_\_\_\_

Civic Engagement (PHSC 2) Natural Science (Chem 11) Science, Technology & Society (PHSC 1)

Diversity \_\_\_\_\_ Social Science \_\_\_\_\_ Cultures & Ideas 3 \_\_\_\_\_

### Integrations

Experiential Learning for Social Justice \_\_\_\_\_  
(ANTH 3, PHSC 21, PHSC 131, PSYC 115EL, PSYC 117EL, PSYC 185EL, PSYC 196, TESP 157 all meet the ELSJ requirement and can also be used to satisfy a PHSC major requirement)

Advanced Writing \_\_\_\_\_

Pathway Theme:\* \_\_\_\_\_

\_\_\_\_\_ \*Can overlap with other core or major requirements

## Public Health Science Major Requirements

### Public Health Science Core

PHSC 1 Intro. to Public Health \_\_\_ (STS)  
PHSC 2 The American Health System \_\_\_ (Civ. Eng.)  
PHSC 3 Intro. to Community Health \_\_\_  
PHSC 100 (BIOL 117) Epidemiology \_\_\_  
PHSC 139 Experiential Learning in Public Health (2 units) \_\_\_  
PHSC 150 Evidence-based Public Health \_\_\_  
PHSC 190 PHSC Capstone (senior year) \_\_\_  
PHSC 197 PHSC Internship \_\_\_  
PHSC Internship Completion (min. 100 hours)\*\* \_\_\_

### Natural Science Introductory Courses

BIOL 1A \_\_\_ BIOL 1B \_\_\_ BIOL 1C \_\_\_  
CHEM 11 \_\_\_ CHEM 12 \_\_\_ CHEM31 \_\_\_  
CHEM 32 \_\_\_ CHEM 33 \_\_\_

### Social Science Intro Courses - 2 required

ANTH 1 Intro. to Biological Anthropology \_\_\_  
ANTH 3 Intro. Soc. and Cult. Anthro. (ELSJ/Soc. Sci) \_\_\_  
ECON 1 Principles of Microeconomics (Soc. Sci) \_\_\_  
POLI 1 Intro. to U.S. Politics (Civ. Eng.) \_\_\_  
POLI 2 Intro. to Comparative Politics (C&I 3) \_\_\_  
POLI/ANTH/ENVS 50 World Geography (C&I 3) \_\_\_  
PSYC 1 General Psychology I (Soc. Sci) \_\_\_  
PSYC 2 General Psychology II (Soc. Sci) \_\_\_  
SOC 1 Principles of Sociology (Soc. Sci) \_\_\_  
SOC 33 Social Problems in the U.S. (Diversity) \_\_\_

### Mathematics and Statistics

Two quarters of Calculus: Math 35, 36 \_\_\_ \_\_\_ (preferred)  
OR MATH 11, 12 \_\_\_

Choose one statistics course: MATH 8, ANTH 112,  
BIOL 160, COMM 110, ECON 61, ENVS 110,  
OMIS 40, PHSC 50, POLI 100, SOC 120 \_\_\_

**\*\*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

Update Summer 2020

**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 (SOC 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 it is listed under multiple categories.**