

PUBLIC HEALTH SCIENCE MAJOR REQUIREMENTS

For Students Entering SCU Fall 2019 and Later

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 (<u>Math 35 or 11</u>)		
Explorations		
Ethics _____	Arts _____	Religion, Theology & Culture 2 & 3 _____
Civic Engagement (<u>PHSC 2</u>)	Natural Science (<u>Chem 11</u>)	Science, Technology & Society (<u>PHSC 1</u>)
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 Internship Completion (min. 100 hours)** ___
PHSC 197 PHSC Internship (**Optional** ~ 2 units) Strongly recommended, but not required, after students complete internship experience.

Natural Science Introductory Courses

BIOL 1A ___ BIOL 1B ___ BIOL 1C ___
CHEM 11 ___ CHEM 12 ___ CHEM 31 ___
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 Soc. Problems in the United States (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, POLI 100, SOCI 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 2019

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.