

# PUBLIC HEALTH MAJOR

## Requirements

The major in Public Health includes required courses in epidemiology and public health, environmental studies, communication, applied ethics, biostatistics, management, and psychology. These are complemented by related electives and foundational courses in biology and chemistry. In addition, the major requires a four credit public health field internship that may be done locally, elsewhere in the U.S., or in the setting of a developing country.

For a major in Public Health, students will complete the following:

Code	Title	Credits
AETH 2285	Ethics of Health Care	3
BIOL 1076	Environmental Science	3
Choose one life science sequence from the following:		6
BIOL 1107 & BIOL 1108	Human Anatomy and Physiology I and Human Anatomy and Physiology II	
BIOL 1171 & BIOL 1172	General Biology I and General Biology II	
Any two courses from:		
BIOL 1015	Fundamentals of Biology I	
BIOL 1016	Fundamentals of Biology II	
BIOL 1018	Human Biology: Form and Function	
CHEM 1184 or CHEM 1171	General Chemistry for Health Science or General Chemistry I	
Choose one health communication course from the following:		3
COMM 3248	Health Communication	
COMM 3347	Communication in Healthcare Organizations	
COMM 3348	Health Risk Communication	
HLST 3201	Health Communication for Healthcare Professionals	
ENGL 1001	Introduction to Rhetoric and Composition	3
HLST 3310	Global Health: A Social Justice Perspective	3
MATH 1016	Concepts of Calculus	3
MATH 1017	Elementary Probability and Statistics	3
NURS 1112	Healthcare Delivery Systems	3
NURS 3310	Foundations of Research for Evidence Based Practice	3
PSYC 1010	General Psychology	3
PUBH 1101	Public Health and Social Justice	3
PUBH 1105	Biological Foundations of Public Health	3
PUBH 2201	Public Health, Disease, and Injury	3
PUBH 2216	Introductory Principles of Epidemiology	3
PUBH 2217	Biostatistics for Health Research	3
PUBH 3303	Public Health Program Planning and Evaluation	3
PUBH 3980	Public Health Internship	4
PUBH 4301	Leadership for Interdisciplinary Health Professionals	3
PUBH 4305	Public Health Seminar	3

PUBH 4999	Public Health Capstone	3
Select three Public Health electives from the list below		9
<b>Total Credits</b>		<b>76</b>

## Public Health Electives

Code	Title	Credits
AETH 2262	Ethics and the Community	3
AETH 2283	Environmental Justice	3
AETH 2284	Environmental Ethics	3
AETH 2295	Ethics in Law and Society	3
ANTH 1100	Introduction to Four-Field Anthropology	3
ANTH 1210	Biomedical Anthropology	3
ANTH 1510	Anthropology of Food	3
ANTH 3700	Grant Writing for the Social Sciences	3
ANTH 3710	Theory and Practice in Anthropology	3
BIOL 1070	Science, Technology, and Society	3
BIOL 1073	Contemporary Nutrition: Food for Thought	3
BIOL 2251	Human Nutrition	3
COMM 1101	Argument and Advocacy	3
COMM 2201	Persuasion	3
COMM 2220	Introduction to Organizational Communication	3
COMM 2240	Intercultural Communication	3
COMM 2242	Alcohol, Addiction, and Culture	3
COMM 3245	Identities, Discourse, and Social Change	3
COMM 3322	Leadership Communication	3
COMM 3325	Organizational Communication and Advertising	3
COMM 3336	Media Infrastructures	3
ECON 2140	Health Economics	3
ECON 3244	Behavioral Economics	3
ECON 3278	Economic Statistics	3
ECON 4380	Econometrics	3
EDUC 3241	Educational Psychology	3
ENGL 1839	Grant and Proposal Writing	3
ENGL 3201	Persuasive Writing	3
HIST 2202	Health and Healing in America, 1650-1980: History of Western Medicine	3
HIST 2270	History of Global Humanitarian Action	3
LCST 3301	Justice and the Developing World	3
MGMT 4370	Managing Non-Profit Organizations	3
MKTG 1101	Principles of Marketing	3
POLI 2109	American Public Policy	3
PSYC 2120	Adult Development and Aging	3
INTL 1050	People, Places, and Global Issues	3
INTL 2150	International Operations of Non-Profits	3
INTL 2481	International Human Rights	3
PSYC 2310	Psychopathology and Clinical Science	3
PSYC 2210	Social Psychology	3
PSYC 2330	Gender and Mental Health	3
PSYC 2740	Drugs, Brain and Behavior	3
PUBH 2205	Fundamentals of Nutrition	3

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PUBH 2250	Community Nutrition	3
SOCI 2110	Race, Cities, and Poverty	3
SOCI 3600	Methods of Research Design	4
SOCI 3610	Statistics: Social and Political Data Analysis	4

<sup>1</sup> only to be taken by students in Pre-Health Professions program