PUBLIC HEALTH MAJOR

Bachelor of Science Degree in Public Health

The Public Health B.S. degree is recommended for students planning to pursue a career or continue graduate education in Public Health or related fields. This major is comprised of 26-27 core course credits, 4 communication course credits, 4 information literacy credits and a 15 credit track in which the student focuses one of the following areas:

- Bachelor of Science in Public Health-Natural Science, Disease, and the Environment Track
- Bachelor of Science in Public Health-Social Science, Health, and Behavior Track
- Bachelor of Science in Public Health-Organizations, Business, and Health Policy Track Specialized Tracks (each is 15 credits)

Core Curriculum

Code	Title	Credits
PBH 101	Introduction to Public Health	4
PBH 201	Global Health	4
PBH 301	Epidemiology	4
MATH 112	Elementary Statistics	4
Total Credits		**16**

In addition to the core curriculum, specific tracks within the public health major provide students with opportunities to specialize in one of three areas of public health. No more than 12 credit hours in any one discipline will count toward the completion of the track. Three courses must be 200-400 level. The courses in these tracks may count toward a minor or a second, disciplinary major: Natural Science, Disease, and the Environment Social Science, Health, and Behavior Organizations, Business, and Health Policy.

1. Natural Science, Disease, and the Environment Track
2. Social Science, Health, and Behavior Track
3. Organizations, Business, and Health Policy Track

Natural Science, Disease, and the Environment Track

Covers the underlying science of human health and disease, including opportunities for promoting and protecting health over a lifetime. Students in this track will focus on material relevant to biological and environmental determinants of disease in populations.

Electives (minimum of 15 credits)

Code	Title	Credits
BIOL 212	Environmental Science	
BIOL 313	Molecular Cell Biology	
BIOL 315	Microbiology	
BIOL 341	Human Anatomy and Physiology I	
BIOL 342	Human Anatomy and Physiology II	
BIOL/PSY 340	Psychobiology (PSY 340)	
BIOL/CHEM 434	Biochemistry (CHEM 434)	
BIOL 438	General Ecology	
BIOL 443	Genetics	
CHEM 111	Chemical Principles I	
CHEM 112	Chemical Principles II	
CHEM 231	Organic Chemistry I	
CHEM 232	Organic Chemistry II	
ENVS 101	Environment and Society	
GEOL 121	Geology and the Environment	
GEOL 223	Hydrology	
GEOL 230	Environmental Pollution	
IDS 418	Science, Sex and Nature	
PHYS 111	Introduction to Physics for the Life Sciences I	
PHYS 112	Introduction to Physics for the Life Sciences II	
PHYS 121	Classical and Modern Physics I	
PHYS 122	Classical and Modern Physics II	
PHYS 211	College Physics I	
PHYS 212	College Physics II	
PHYS 223	Classical and Modern Physics III	
SPST 120	Introduction to Exercise and Sport Sciences	
SPST 211	Health and Wellness Promotion	
SPST 314	Perspectives in Sport and Exercise Nutrition	

Social Science, Health, and Behavior Track

Covers the study of social, behavioral, structural, and institutional factors that influence public health outcomes, with a focus on health disparities.

Electives (minimum of 15 credits)

Code	Title	Credits
ECON 222	Microeconomic Principles: Public Policy	
ECON 344	Environmental and Resource Economics	
ECON 348	Health Economics	
IDS 415	Understanding Eating Disorder	
IDS 455	Human Sexuality	
IDS 418	Science, Sex and Nature	
JPS 103	Community Problem Solving	
JPS 335	Reclaiming Democracy	
JPS 336	Understanding Oppressive Systems	
JPS 325	Family Violence	
JPS 306	Multicultural Communication	
PHIL 231	Philosophy and Sexuality	
PHIL 232	Philosophy and Gender	
PHIL 241	Ethics In a Digital World	
PHIL 242	Environmental Ethics	
PHIL 261	Philosophy and Race	
PSCI 204	Public Policy and Administration	
PSCI 305	Politics of Gender	
PSCI 319	Modern Environmental Problems	
PSCI 246	Politics of State & Local Govt	
PSY 100	Introduction to Psychology	
PSY 224	Developmental Psychology	
PSY 242	Psychology of African Americans	
PSY 340	Psychobiology (Biol 340)	
PSY 243	Environmental Psychology	
PSY 314	Psychology of Parenthood	
PSY 349	Multiculturalism and Psychology	

PSY 351	Psychology and Gender
PSY 347	Social Psychology
SOAN 100	Introduction to Sociology
SOAN 103	Cultural Anthropology
SOAN 313	Sociology of Sex and Gender
SOAN 323	Gender Health and Illness
SOAN 416	Gender and Sociology of the Body
SPST 211	Health and Wellness Promotion
SPST 251	Health,Culture & Sustainablty
WGSS 110	Introduction to Women's Gender Sexuality Studies

Organizations, Business, and Health Policy Track

Covers basic concepts of legal, ethical, economic and regulatory dimensions of health care and public health policy and the roles, influences and responsibilities of the various agencies and branches of government. Students in this track will focus on material relevant to health policy and management, and the promotion of diversity and cultural competency.

Electives (minimum of 15 credits)

Code	Title	Credits
BUS 215	Business Law and Legal Environment	
BUS 249	Principles of Management	
BUS 449	Policy Formulation and Strategy	
ECON 222	Microeconomic Principles: Public Policy	
ECON 336	Economic and Social Development: "'Beneath' the United States."	
ECON 342	Poverty, Power and Policy	
ECON 344	Environmental and Resource Economics	
ECON 348	Health Economics	
HIST 314	Immigration & a Multicultural Europe, 1800-Present	
JPS 103	Community Problem Solving	
JPS 220	Community Building and Organizing	
JPS 240	Group Dynamics and Leadership	
JPS 310	Policy in Action	
JPS 323	Diversity at Work	
JPS 335	Reclaiming Democracy	
JPS 336	Understanding Oppressive Systems	
PECS 236	Conflict Transformation for Peacebuilding and Justice (JPS 236)	
PECS 315	Human Rights	
PECS 316	Globalization: Economics & Social Justice	
PECS 355	Culture, Conflict, Negotiation	
PHIL 241	Ethics In a Digital World	
PHIL 242	Environmental Ethics	
PSCI 101	The American Political System	
PSCI 105	Comparative Politics	
PSCI 204	Public Policy and Administration	
PSCI 305	Politics of Gender	
PSCI 319	Modern Environmental Problems	
PSCI 329	Wealth and Inequality in US	
PSCI 330	Global Power and Wealth	
PSCI 364	Race, Ethnicity and Politics	
PSCI 246	Politics of State & Local Govt	
PSY 332	Industrial and Organizational Psychology	
REL 230	Comparative Religious Ethics	
SFS 230	Food and Agriculture Law and Policy	
SPST 211	Health and Wellness Promotion	

Total credit hours required for B.S. degree in Public Health is a minimum of 47 credits